Scientific Program

Congress President: John G. Hunter, USA
National Congress President: Albert Tuchmann, Austria

International Society of Surgery ISS / SIC
and its Integrated Societies
IAES - International Association of Endocrine Surgeons
IATSIC - International Association for Trauma Surgery and Intensive Care
IASMEN - International Association for Surgical Metabolism and Nutrition
BSI - Breast Surgery International
ISDS - International Society for Digestive Surgery
ASAP - Alliance for Surgery and Anesthesia Presence

#ISW2022 Vienna
surgery@iss-sic.com
isw2022.org
Welcome Message
By the ISS/SIC and ISW 2022 President

Welcome to the 49th Congress of the ISS-SIC, International Surgical Week!

Following a three year quarantine from the deadliest global pandemic of the last century, the ISS/SIC is re-emerging to gather in Vienna. We are thrilled that you are here. While our numbers may be thinner than usual, a result of Covid fears, hyper-inflation, and a war in nearby Ukraine, those of you with the courage to join us will be greeted by a wonderful congress in the historic Hofburg Palace, built in the 13th century. The scientific program is as strong as ever, thanks to our six integrated societies, our many participating societies and a panel of international referees, choosing the best in new surgical science, innovation, and observation. The World Journal of Surgery will be running its acclaimed Writer's Workshop, and the integrated societies have arranged some phenomenal invited lectures. The social events have been carefully constructed, including Vienna night on Monday evening. Tickets are still available.

The opening ceremonies, previously held on Sunday evening, will be held in conjunction with our opening session on Monday morning. In conjunction with the awarding of our prizes for surgical accomplishment and commitment to our society, Dr Patricia Numann will be offering the Allgower Lecture entitled “Changing Times” and I will be delivering the Presidential Address entitled “War, politics, pandemic, and a failed assassination: 117 years of surgical congresses of the ISS/SIC”. I hope you will join us on Monday morning.

Please enjoy the congress, especially the chance to become re-acquainted with old friends. Please greet new colleagues perhaps attending their first ISW. This is a very special meeting. Have fun!!

John G. Hunter
President ISS/SIC and
Congress President ISW 2022
Welcome Message
By the National Congress President ISW 2022

Dear Delegates of the 49th World Congress of Surgery/International Surgical Week 2022!

It is a great honor and responsibility to welcome You all in Vienna, Austria, to celebrate the World Congress in difficult times:

The Covid pandemic as well as the Ukraine-Russian war are a big challenges to perform an international conference. Nevertheless ISS/SIC has organized a fabulous scientific program to discuss different issues of operative medicine face-to-face.

As every two years the integrated societies IAES, IATSIC, IASMEN, BSI, ISDS and ASAP are important parts of ISW2022. In addition, the sessions of CSAMM, FELAC, IASSS, RCS/England, APIMSF, AWS, ISBI and ISS-US will take place within ISW2022. We expect about 1000 participants of 90 countries in spite of pandemia and travel restrictions.

Vienna, the capital of Austria, is one of the most beautiful cities worldwide. Vienna will offer highest standards of safety, art, culture, entertainment, accommodation and gastronomy. The venue of ISW2022 is “Hofburg” the former imperial palace of the Austria-Hungary Monarchy.

After three years of absence, because of Covid, international conferences should celebrate a renaissance: Vienna and Hofburg are the ideal venue for this!! – High quality scientific sessions and discussions should lead to better outcome of surgical patients.

As the National Congress President I wish You a pleasant stay in Vienna and a successful conference!
I am waiting to meet You all in person!

Albert Tuchmann
National Congress President ISW2022
# Organization International Surgical Week ISW 2022

Vienna, Austria, 15 – 18 August 2022

held by the

INTERNATIONAL SOCIETY OF SURGERY ISS/SIC

and its Integrated Societies and Participating Societies

## Congress President
John G. Hunter, USA

## Congress Vice Presidents
- Geoffrey B. Thompson, USA (IAES)
- Christine Gaarder, Norway (IATSIC)
- Joji Kotani, Japan (IASMEN)
- Omar Z. Youssef, Egypt (BSI)
- Hiroyuki Konno, Japan (ISDS)
- Kathleen M. Casey, USA (ASAP)

## National Congress President
Albert Tuchmann, Austria

## SCIENTIFIC PROGRAM COMMITTEES

### a) International Society of Surgery / Société Internationale de Chirurgie (ISS/SIC) - Council

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>President ISS/SIC &amp; Congress President</td>
<td>John G. Hunter</td>
<td>Portland, USA</td>
</tr>
<tr>
<td>President elect ISS/SIC</td>
<td>Cheng Har Yip</td>
<td>Petaling Jaya, Malaysia</td>
</tr>
<tr>
<td>Immediate Past President ISS/SIC</td>
<td>Andrew G. Hill</td>
<td>Auckland, New Zealand</td>
</tr>
<tr>
<td>Secretary General ISS/SIC</td>
<td>Kenneth D. Boffard</td>
<td>Johannesburg, South Africa</td>
</tr>
<tr>
<td>General Treasurer ISS/SIC</td>
<td>Gerard M. Doherty</td>
<td>Boston, USA</td>
</tr>
<tr>
<td>Editor in Chief WJS</td>
<td>Julie Ann Sosa</td>
<td>San Francisco, USA</td>
</tr>
<tr>
<td>Councilor</td>
<td>Hisham Abdullah</td>
<td>Putrajaya, Malaysia</td>
</tr>
<tr>
<td>Councilor</td>
<td>Italo Braghetto</td>
<td>Santiago de Chile, Chile</td>
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<tr>
<td>Councilor</td>
<td>Hiroyuki Konno</td>
<td>Shizuoka, Japan</td>
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<tr>
<td>Councilor</td>
<td>Albert Tuchmann</td>
<td>Vienna, Austria</td>
</tr>
<tr>
<td>IAES Representative</td>
<td>Akira Miyauchi</td>
<td>Kobe, Japan</td>
</tr>
<tr>
<td>IATSIC Representative</td>
<td>Scott K. D’Amours</td>
<td>Liverpool, Australia</td>
</tr>
<tr>
<td>IASMEN Representative</td>
<td>Anders Thorell</td>
<td>Stockholm, Sweden</td>
</tr>
<tr>
<td>BSI Representative</td>
<td>Gaurav Agarwal</td>
<td>Lucknow, India</td>
</tr>
<tr>
<td>ISDS Representative</td>
<td>Alessandro Fichera</td>
<td>Dallas, USA</td>
</tr>
<tr>
<td>ASAP Representative</td>
<td>Russell L. Gruen</td>
<td>Canberra, Australia</td>
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</tbody>
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### B) Integrated Societies of ISS/SIC and their Program Representatives

**IAES**

The International Association of Endocrine Surgeons

Janice L. Pasieka, Canada / Akira Miyauchi, Japan / Bruno Niederle, Austria

www.iaes-endocrine-surgeons.com

**IATSIC**

The International Association for Trauma Surgery and Intensive Care

Christine Gaarder, Norway / Scott K. D’Amours, Australia / Selman Uranues, Austria

www.iatsic.org

**IASMEN**

The International Association for Surgical Metabolism and Nutrition

Ho-Seong Han, South Korea / Anders Thorell, Sweden

www.iasmen.org
BSI  Breast Surgery International
   Jean-François Boileau, Canada / Gaurav Agarwal, India / Michael Gnant, Austria
   www.bsisurgery.org

ISDS  International Society for Digestive Surgery
   Alessandro Fichera, USA / Jamie Murphy, UK / Albert Tuchmann, Austria
   www.cicd-isds.org

ASAP  Alliance for Surgery and Anesthesia Presence
   Russell L. Gruen, Australia
   www.asaptoday.org

C) Associated Societies of ISS/SIC and their Program Representatives

CSAMM  College of Surgeons Academy of Medicine of Malaysia
   Lim Kean Ghee, Malaysia
   http://csamm.org.my

FELAC  Federación Latinoamericana de Cirugía
   Italo Braghetto, Chile / Samuel Shuchleib, Mexico / Natan Zundel, Colombia
   www.felacred.org

IASSS  International Association of Student Surgical Societies
   Shadé Breedt, South Africa / Georgios Solomou, UK / Jessica Davies, South Africa
   http://www.iasss.org

RCS Eng  Royal College of Surgeons of England
   Susan Hill, UK
   https://www.rcseng.ac.uk/

D) Participating Societies ISW 2022
   and their Representatives in the Program Committee of ISW 2022

AAST  American Association for the Surgery of Trauma
   David H. Livingston, USA
   www.aast.org

APIMSF  The Ambroise Paré International Military Surgery Forum
   Kosala Somaratne, Sri Lanka / Zvonimir Lovric, Croatia / Norman M. Rich, USA
   www.apimsf.org

AWS  Association of Women Surgeons
   Christine Laronga, USA / Chantal Reyna, USA
   www.womensurgeons.org

ISBI  International Society for Burn Injuries
   David N. Hemdon, USA / David G. Greenhalgh, USA
   www.worldburn.org

ISS-US  United States Chapter of the International Society of Surgery
   Raymond Price, USA
   https://us-iss.org/
Scientific Secretariat and Congress Secretariat

Scientific Secretariat ISW 2022
Mr. Chris Storz
c/o ISS/SIC
Seefeldstrasse 88
8008 Zurich
Switzerland
Tel: +41 44 533 76 50
Fax: +41 44 533 76 59
e-mail: surgery@iss-sic.com
URL: www.iss-sic.com

Professional Congress Organizer (PCO)

Congress Secretariat ISW 2022
MCI Geneva Office
9, rue du Pré-Bouvier
1242, Satigny, Geneva
Switzerland
Tel: +41 22 33 99 596
e-mail: wcs@mci-group.com

Registration/Hotel enquiries

Email: wcsreghot@mci-group.com
VENUE
Hofburg Vienna, Heldenplatz, 1010 Vienna, Austria (http://www.hofburg.com)

As an imperial conference and event centre, there is nothing like the Hofburg Vienna anywhere else in the world. For over 700 years, both past and modern history have been written within its walls. Halls equipped for multifunctional purposes, architecture that ranges between traditional and contemporary, state-of-the-art events technology as well as the customer-oriented, personalised service turn this congress centre into a centre of excellence.

Its location at the heart of Vienna is another unique selling proposition. Cultural institutions – like museums, the Staatsoper and theatres – as well as certain universities are all conveniently situated within a few minutes’ walking distance. Hotels, restaurants and shopping options are located in direct proximity. The Hofburg Vienna is at the heart of Vienna, and Vienna is where the heart of Europe beats.
REGISTRATION AND INFORMATION DESK
The Registration and Information Desk opening hours are as follows:

Sunday 14 August 2022  15:00 - 18:00
Monday 15 August 2022  07:00 - 18:00
Tuesday 16 August 2022  06:45 - 18:00
Wednesday 17 August 2022  06:45 - 18:00
Thursday 18 August 2022  06:45 - 17:00

SPEAKER PREVIEW ROOM
The Speaker Preview Room is located on the Mezzanine Level. The room name is: Orchestergang:

Sunday 14 August 2022  15:00 - 18:00
Monday 15 August 2022  07:00 - 18:00
Tuesday 16 August 2022  06:45 - 18:00
Wednesday 17 August 2022  06:45 - 18:00
Thursday 18 August 2022  06:45 - 17:00

All speakers are required to report to the Speaker Preview Room with their presentation material one day in advance (preferably) or at least 2 hours prior to starting time of the session in order to meet with the technical and coordination staff for any technical support required. Presentations taking place in the first morning sessions should be delivered during the previous day.

At the Speaker Preparation Room, it may be possible to do final technical verifications of the presentations and review the content. Each lecture hall/room is staffed by a professional technician who will take care of all technical aspects of the presentation. The organizers recommend using the laptops provided in the lecture halls/rooms in order to guarantee smooth operation of presentations. Therefore, use of personal laptops is generally not allowed, unless agreed and checked in advance with the technical staff both in the Speaker Preview Room and the lecture hall/room.

CERTIFICATE OF ATTENDANCE / CME RECOGNITION / CONGRESS SURVEY
Certificates of Attendance are available. Attending delegates will receive a congress survey shortly after the congress. The survey will be available for 2 weeks. After its closure all delegates having completed the survey will receive their personal certificate of attendance.

The International Surgical Week ISW 2022, Vienna, Austria, 15/08/2022-18/08/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 24 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

EACCME® credits
Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the feedback form. Cf. criteria 9 and 23 of UEMS 2016.20.
CONGRESS LANGUAGE
The official language is English and no simultaneous translation will be offered.

BADGES AND ENTRY TICKETS
As a security requirement, please remember to wear your name badge at all times within the congress premises to have access to the scientific sessions and social functions. Additionally, an entry ticket is required for:

- Vienna Night
- The Society Dinners
- The separately booked Courses and Workshops

Name badges and pre-booked entry tickets are provided upon registration.

DRESS CODE
Business Attire is recommended in the scientific sessions. For social events, please follow the dress codes listed below:

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
<th>Dress Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>Congress Opening</td>
<td>Business attire/Academic</td>
</tr>
<tr>
<td>Monday</td>
<td>Vienna Night</td>
<td>Smart casual</td>
</tr>
<tr>
<td>Tuesday</td>
<td>Society Dinners</td>
<td>Smart casual</td>
</tr>
</tbody>
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COFFEE AND TEA REFRESHMENT
Coffee and tea is available in the various foyers between the session rooms, on both the ground and mezzanine levels. Other refreshments and snacks can be purchased at the cash bar located in the Hofburg Lounge on the mezzanine level.

LUNCHES
No lunches are served. A cash bar located in the Hofburg Lounge on the mezzanine level.

MOBILE PHONES
Please respect the presenters and the audience by ensuring that your mobile phone is switched off or in silent mode while you are attending the scientific sessions.

INTERNET CONNECTIVITY (WIFI)
Complimentary Wi-Fi accessibility is available.
WLAN SSID: ISW2022
Password: Vienna2022

PHOTOGRAPHING AND RECORDING
Photographing, audio taping, video recording, digital taping or any other form of recording for commercial use is strictly prohibited in the session rooms and poster areas. The copyright of scientific contributions is to the International Society of Surgery (ISS/SIC) and the World Journal of Surgery (WJS).

SMOKING
Smoking is prohibited at the congress venue. Smoking is allowed only at designated areas outside the Hofburg venue.

CONTACT
Scientific Secretariat ISW 2022

 c/o ISS/SIC Phone: +41 44 533 76 50
 Seefeldstrasse 88 Fax: +41 44 533 76 59
 8008 Zurich E-mail: surgery@iss-sic.com
 Switzerland Web: www.iss-sic.com

Congress Secretariat ISW2022

c/o MCI Suisse SA Phone: +41 22 33 99 596

9, rue Pré-Bouvier E-mail: isw.reghot@mci-group.com

1242 Satigny / Geneva Web: www.isw2022.org/

Switzerland
Prize Sessions and Awards

Several Prizes are offered by various societies to the Presenting Author of selected Abstracts as below.

ISS/SIC Lloyd M. Nyhus Prize Session
The 6 best abstracts intended for a Free Paper presentation in the program of the International Society of Surgery ISS/SIC are presented in the "Lloyd M. Nyhus Prize Session" and are awarded a Certificate. A jury of internationally renowned experts will choose the best presentation in this Prize Session. A Prize Money of USD 1’000.00 for the best presentation will be awarded to the Presenting Author. The Prize will be given at the ISS/SIC General Assembly on Wednesday.

ISS/SIC Poster Prize
A jury of internationally renowned experts will nominate the best Poster (regardless of category "Poster Discussion" or "Poster Exhibition Only") in the program of ISS/SIC. The Presenting Author will be awarded a Certificate and Prize Money of USD 500.00. The Prize will be given at the ISS/SIC General Assembly on Wednesday.

IAES Free Paper Awards for trainees ONLY (residents/registrars, fellows, and medical students).
The International Association of Endocrine Surgeons (IAES) awards the Presenting Author of the best Clinical Free Paper (The Dr Charles Proye Award) and the best Basic Science Free Paper (The Dr Selwyn Taylor Award) each Prize Money of USD 1’000.00. Only presenting Authors who are trainees are eligible for these awards. To be considered for the award, the presenting author will need to check the appropriate box the work was done primarily by a trainee in the Abstract Submission form at the time of submission.
NOTE: Medical Students who present an abstract MUST register within the category of “Trainee”.

IAES Poster Prize for trainees (residents/registrars, fellows, and medical students)
The International Association of Endocrine Surgeons (IAES) awards the Presenting Authors of the best Clinical Poster (The Dr John Farndon Award) and the best Basic Science Poster (The Dr Michael Brauckhoff Award) each Prize Money of USD 500.00. Only presenting Authors who are trainees are eligible for these Poster awards. To be considered for the award, the presenting author will need to check the appropriate box indicating the work was done primarily by a trainee in the Abstract Submission form.
NOTE: Medical Students who present an abstract MUST register within the category of “Trainee”.

IATSIC Free Paper Prize
The International Association for Trauma Surgery and Intensive Care (IATSIC) will evaluate the best Free Paper presentation in one of the regular IATSIC Free Paper Sessions. The Presenting Author of the best presentation in this field will be awarded a Prize Money of USD 1’000.00 and a Certificate.

IATSIC Poster Prize
IATSIC will evaluate the best Poster on Trauma Surgery and will award the Presenting Author a Prize Money of USD 500.00 with a Certificate (regardless of category "Poster Discussion" or "Poster Exhibition Only”).

BSI Free Paper Prize
Abstracts in the field of Breast Surgery based on unpublished original work will be selected for presentation in the BSI Best Paper Award Session. Individuals interested for their abstracts to be considered for the award will need to check the appropriate box in the Abstract Submission form. The selected presenters will be informed of the decision by March 31, 2022. They will be asked to fully register for the Congress and submit a full length manuscript of the paper to be presented, conforming to the format of original articles in World Journal of Surgery WJS through its online submission platform https://mc.manuscriptcentral.com/wjs the latest by April 30, 2022. These manuscripts may be published in the BSI issue of WJS after undergoing the usual peer-review process. Failure to register and submit the full length manuscript in time may preclude the selected abstract from being presented in the Congress.

All selected papers will be presented in the “Best paper competition session”. The Presenting Author of the best BSI paper in the award session as judged by a panel of eminent breast surgeons will be awarded a USD 500.00 Prize. The runner-up will be awarded a USD 250.00 Prize.

BSI Poster Prize
All posters displayed in the BSI program at ISW 2022 will be evaluated by a panel of eminent experts during the poster viewing session. Prizes consisting of USD 400.00 and USD 200.00 respectively will be awarded to those judged as the best and second best posters. The Presenting Author will be asked to fully register for the Congress latest by April 30, 2022. Failure to register in time may preclude the selected abstract from being presented at the Congress.

The Presenting Authors, on their discretion may consider submitting a full length manuscript of the paper to be presented, conforming to the format of original articles in World Journal of Surgery through its online submission platform https://mc.manuscriptcentral.com/wjs. These manuscripts may be published in the BSI issue of WJS after undergoing the usual peer-review process.

**ISDS Grassi Prize Session**
The Grassi prize will be awarded to a young surgeon (less than 40 years of age) who presents the best paper focusing on benign and/or open surgery of the gastrointestinal tract. This is in keeping with the expertise and talents of Prof. Grassi in whose honor this award was established. One of the authors of the abstract must be current member of ISDS (confirm qualification for the Prize by checking the appropriate box in the Abstract Submission Form). The Presenting Author of the best presentation within the Grassi Prize Session will be awarded a prize of USD 1’000.00.

The selected presenters within the Grassi Prize Sessions will be informed by March 31, 2022. They will be asked to fully register for the Congress and submit a full length manuscript of the paper to be presented, conforming to the format of original articles in World Journal of Surgery WJS through its online submission platform https://mc.manuscriptcentral.com/wjs the latest by April 30, 2022. Failure to register or submit the full length manuscript in time may preclude the selected abstract from being presented at the Congress.

**ISDS Kitajima Prize Session**
The Kitajima Prize will be awarded to two young surgeons (less than 40 years of age) who present the best papers on malignant and/or laparoscopic surgery of the gastrointestinal tract. This is to honor the generous gift of Prof. Kitajima who established this prize to encourage the research talents of young surgeons. One of the authors of the abstract must be current member of ISDS (confirm qualification for the Prize by checking the appropriate box in the Abstract Submission Form). The Presenting Authors of the best two presentations in the Kitajima Prize Session will each be awarded a prize of USD 1’000.00.

The selected presenters within the Kitajima Prize Sessions will be informed by March 31, 2022. They will be asked to fully register for the Congress and submit a full length manuscript of the paper to be presented, conforming to the format of original articles in World Journal of Surgery WJS through its online submission platform https://mc.manuscriptcentral.com/wjs the latest by April 30, 2022. Failure to register or submit the full length manuscript in time may preclude the selected abstract from being presented at the Congress.

**IASMEN Free Paper Prize**
The International Association for Surgical Metabolism and Nutrition (IASMEN) will include the best graded Free Papers submitted amongst this specific field to be presented within the IASMEN Prize Session. The Presenting Author of the best presentation in this session will be awarded a Prize Money of USD 1’000.00 and a Certificate.

**Ambroise Paré and Rajasinha the Second memorial prize for oral free papers**
The best abstract for a Free Paper presentation in the program of APIMSF (Military Surgery) are presented in the APIMSF Prize Session and are awarded a Certificate. The selection will then usually be made at the congress by the APIMSF Jury. A Prize Money of USD 500.00 for the best presentation will be awarded to the Presenting Author.

**Ambroise Paré and Rajasinha the Second memorial poster prize**
APIMSF jury will nominate the best poster in the program of APIMSF (Military Surgery). The Presenting Author will be awarded a Certificate and Prize Money of USD 400.00.
REGISTRATION FEES
Delegate Registration fee includes:
- Access to sessions & congress material
- Coffee breaks
- 20% Austrian VAT

Please note that workshops and courses as well as the dinners have an additional fee.

CANCELLATION TERMS
For cancellations received prior to Tuesday 14 June 2022, midnight CET, deposits will be refunded less 50% administrative charge. After this date, no refunds will be possible.

MODIFICATION TERMS
A handling fee of 40 EUR per registration will be charged for every registration modification received from Wednesday 20 July 2022, including a name change.

NAME CHANGES & LOST BADGES
If a badge is lost or forgotten onsite, an administrative fee of 80 EUR will be charged for the reprint of the badge after identity verification (passport, driving license or other recognised identification documents).

ONSITE REGISTRATION
When registering onsite, participants receive a personal name badge, entry tickets and other congress material with their participant reference number.
BSI ONCOPLASTIC AND RECONSTRUCTIVE BREAST SURGERY INTERACTIVE COURSE
An interactive Course on Oncoplastic and Reconstructive Breast Surgery will be organized by Breast Surgery International (BSI) in conjunction with ISW 2022. Separate registration will be required for participation. A certificate will be given at the end of the course.

Date / Time: Sunday 14 August 2022 / 08:00 - 17:00

Venue: Medical University Vienna, Van-Swieten-Gasse 1a, 1090 Vienna, Austria (Room: Van Swieten Saal)

Course Fee: BSI Member - EUR 135.00 (incl. 20% VAT)
Non BSI Member - EUR 190.00 (incl. 20% VAT)

Attendance: Space limited, registrations upon first come first served

Chair: Ashutosh Kothari, UK
Co-Chairs: Michael Gnant, Austria; Gaurav Agarwal, India; Jean-Francois Boileau, Canada
Faculty: Elisabeth Elder, Australia; Jay K. Harness, USA; Mardi R. Karin, USA; Farid Meybodi, Australia; Daniel Egle, Austria; Christian Singer, Austria; Stephanie Kacerovsky-Strobl, Austria

08:00 REGISTRATION

08:20 WELCOME SPEECH
Ashutosh Kothari, UK

08:30 THERAPEUTIC MAMMOPLASTY
Ashutosh Kothari, UK

09:00 ADVANCED ONCOPLASTIC PROCEDURES: PEARLS AND PITFALLS
Daniel Egle, Austria

09:30 MANAGING COMPLICATION IN ONCOPLASTIC AND RECONSTRUCTION BREAST SURGERY
Elisabeth Elder, Australia

10:00 DISCUSSION

10:15 COFFEE BREAK

10:45 OPTIMIZING SKIN & NIPPLE SPARING MASTECTOMY
Mardi R. Karin, USA

11:15 STAGED NIPPLE SPARING MASTECTOMY
Farid Meybodi, Australia

11:45 PRE PECTORAL IMPLANT BASED RECONSTRUCTION
Jay K. Harness, USA

12:15 DISCUSSION

12:30 LUNCH BREAK

13:30 NIPPLE SPARING MASTECTOMY
Mardi R. Karin, USA

13:50 PERFORATOR FLAP RISK REDUCING MASTECTOMY AND IMPLANT RECONSTRUCTION USING MESH AND ICG SCAN
S.V.S. Deo, India

14:10 ONCOPLASTIC TECHNIQUES IN BREAST ONCOLOGY
Christian Singer, Austria
VIDEO PRESENTATIONS WITH DIDACTIC DESCRIPTION OF MAMMOPLASTY TECHNIQUE

14:30 LEVEL 1 MAMMOPLASTY INCLUDING BENELLI, GRISOTTI
Elisabeth Elder, Australia

15:00 LEVEL 2 MAMMOPLASTY INCLUDING WISE AND SUPERIOR/INFERIOR PEDICLE FLAP
Jay K. Harness, USA

15:30 TEA BREAK

16:00-17:00 INTERACTIVE WORKSHOPS - PRESENT YOUR CASES
Ashutosh Kothari, UK; Christian Singer, Austria

WRITERS’ WORKSHOP BY ISS/SIC / SPRINGER
A Workshop on Scientific Writing presented by the World Journal of Surgery and Springer Verlag is planned during International Surgical Week ISW 2022 to provide new authors and new reviewers insight in how to prepare and review scientific manuscripts. The workshop is available in the format as a three day (Tuesday - Thursday early morning hours) workshop. Separate Registration will be required for participation in the Workshop - applicants must be fully registered for ISW 2022. Booking for only a part (1 or 2 days) of the workshop will not be possible. Booking will close when the workshop is filled.

Organizers: Julie Ann Sosa, USA
Dates: Tuesday – Thursday, August 16 – 18, 2022 (07:00 – 08:15)
Venue: Hofburg Vienna; Room Rittersaal
Attendance: Limited to 64 participants – it is recommended to sign up early!
Course Fee: EUR 55.00 (incl. 20% VAT)

Tuesday, 16 August 2022
07:00 - 08:15 GETTING STARTED: SO, YOU HAVE AN IDEA. WHAT NEXT?

Homework: Students write an abstract.

Wednesday, 17 August 2022
07:00 - 08:15 THE ELEMENTS OF STYLE: CONSTRUCTING THE MANUSCRIPT AND WRITING A REVIEW
Critique abstracts. Introduction, Methods, Results (Narrative, Tables, or Graphs), Discussion (keep it short), References. Writing a manuscript review.

Homework: Students write a manuscript review.

Thursday, 18 August 2022
07:00 - 08:15 BRINGING IT ALL TOGETHER: THE "RULES" OF PUBLICATION
Critique abstracts. Discuss editorial misconduct and duplicate publication. Further discussion and questions
Outline of the Scientific Program

Language
The official congress language is English only.

Educational Session
Early morning Sessions/Workshops are held on Tuesday, Wednesday and Thursday. These sessions are organized by the indicated Society.

Lectures
Distinguished lectures will be given by invited Lecturers. The lectures are organized by the indicated Societies.

Main Sessions and Video Sessions
Subjects dealt with in these sessions are at the responsibility of the indicated Societies. The subjects in Main Sessions address specific topics of the various specialties.

Abstract Presentation Sessions
All fully accepted Abstracts can be found in the Abstract Volume of the Congress (online under www.isw2022.org). These Abstracts are presented during the Free Paper (oral), Video and Poster Discussion Sessions according to the program schedule.

All Posters will be displayed on e-Poster Boards during the entire congress.

Presenting Authors
Presenting Authors of Abstract presentations are marked with *
Floorplan Hofburg

Ground Floor

Mezzanin
Social Program

Congress Opening Ceremony
Date: Monday, 15 August 2022
Time: 08:30 – 09:45
Venue: Hofburg Vienna
Dress code: Business attire or academic gown
Price: At no cost

Vienna Night
Venue: Kursalon Vienna, Johannesgasse 33, 1010 Vienna, Austria
Date: Monday, 15.08.2022
Time: 19:00hrs
Ticket fee: €108.00 (incl. 20% VAT)

Kursalon Vienna is located in the city centre and is therefore easily accessible by public transport no matter where you are. If you want to avoid traffic jams, here are a few tips on how to reach the venue:

Public transport within Vienna
Metro: Kursalon can be reached by using the metro line U4 (station “Stadtpark”, exit Johannesgasse) including a few meters walk or with the metro line U3 (station “Stubentor”, exit Parkring) and about 50 meters walk.

Train (S-Bahn): You can also access Kursalon by using the S-Bahn (station “Landstrasse – Wien Mitte”) & walk about 200 meters.

Trams: The tram lines 2 (station “Weihburggasse”, a few meters walk), 71 or D (both station “Schwarzenbergplatz”, about 50 meters walk) will also get you to Kursalon quickly.

INTEGRATED SOCIETY DINNERS
The following Society Dinners are at extra cost and available for members and guests.
Please note: Entry ticket is to be shown at the entrance. Limited number of tickets is available at the Registration and Information Desk.

IAES Social Events Packet
Welcoming Reception for IAES Members and their guests at the Flemings Deluxe Hotel: Sunday, 14.08.2022 / 18:30

Gala Dinner at the City Hall for IAES Members and their guest
Date / Time: Tuesday, 16.08.2022 / 18:30hrs
Venue: CITY HALL, Lichtenfelsgasse 2, 1010 Vienna
Price: € 108.00 per Person
Dress code: Smart casual

IATSIC / ASAP Dinner
Date / Time: Tuesday, 16.08.2022 / 19:00hrs
Venue: RATHAUSKELLER, Rathausplatz 1, 1010 Vienna
Price: € 108.00 per Person
Dress code: Smart casual

ASAP BOSDWG Reunion:
Date / Time: Tuesday, 16.08.2022 / 17:00hrs
Venue: LANDTMANN, Universitätsring 4, 1010 Vienna

ISDS / IASMEN Dinner
Date / Time: Tuesday, 16.08.2022 / 19:00hrs
Venue: FABIOS, Tuchlauben 4-6, 1010 Vienna
Price: € 108.00 per Person
Dress code: Smart casual
BSI Dinner
Date / Time  Tuesday, 16.08.2022 / 18:30hrs
Venue;  MADHOUSE TOWER, Spitalgasse 2, 1090 Vienna
Price  € 108.00 per Person
Dress code:  Smart casual

Guided Tours and Dinner at the Narrenturm collection of Anatomical Pathology.

General Information

CURRENCY AND CREDIT CARDS
Austria is an EU country. The currency is the EUR. All major credit cards are accepted
Exchange rate at time of printing: 1 EUR = 1.02 USD
VISA and MasterCard are accepted at the congress registration desk. Personal or company cheques are not accepted at the registration desk.

TIPPING
Service is very rarely included in restaurant and bar bills. So if you don’t tip, it’s considered a sign that you were extremely dissatisfied with your table service. It’s just not done to not tip anything. A 10% tip is usually fair.

TIME
GMT + 1 (April - October: GMT + 2)

EMERGENCY
112 is the European emergency phone number, available everywhere in the EU, free of charge.
Dial:  122 for fire service
       133 for police
       144 for ambulance

DRINKING WATER
It is safe to drink tap water in Austria.
1. Hofburg / Venue: 1010, Vienna
2. ISS HQ Hotel: Le Méridien Vienna - Robert-Stolz-Platz 1, 1010 Vienna
3. IATSIC HQ Hotel: Andaz Vienna Am Belvedere - Arsenalstrasse 10, 1100 Vienna
4. ISDS HQ Hotels
   4.1 Radisson Blu Style – Herrengasse 12, 1010 Vienna
   4.2 Steigenberger - Herrengasse 10, 1010 Vienna
   4.3 Austria Trend Hotel Europa - Kärntner Straße 18 Eingang, Neuer Markt 3, 1010 Vienna
   4.4 Austria Trend Hotel Astoria - Kärntner Straße 32-34 Eingang, Führichgasse, 1010 Vienna
5. IAES HQ Hotel: Flemings Hotel - Neubaugürtel 26-28, 1070 Vienna
6. BSI HQ Hotel: Herrengasse 12, 1010 Vienna
7. Vienna Night: Hübner Kursalon: Johannesgasse 33, 1010 Vienna
# International Surgical Week ISW 2022
Vienna, Austria, 15-18 August 2022

## PROGRAM AT A GLANCE

### SUNDAY, 14 August 2022 (Pre-Congress)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00-17:00</td>
<td><strong>ADVANCED ONCOPLASTIC AND RECONSTRUCTIVE BREAST SURGERY COURSE</strong></td>
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<td><strong>at Medical University Vienna</strong></td>
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<td>This course is at separate registration</td>
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| 08:00-10:00 | **IATSIC Meeting** (IATSIC Executive Committee and IATSIC Councillors, incl. DATC Chair) |
| 10:30-12:30 | **DSTC wider Committee Meeting** (including DATC committee and course directors)  |
| 13:30-17:00 | **IATSIC Workshop**                                                   |
|            | 13:30-14:15 DSTC/DATC                                               |
|            | 14:15-15:00 NTMC and other basic trauma training                     |
|            | 15:00-15:30 Coffee                                                   |
|            | 15:30-16:15 WHO/advocacy                                            |
|            | 16:15-17:00 Summary and plans ahead                                 |

|            | **at Lorenz Böhler Hospital**                                        |
|            | IATSIC                                                               |

isw2022.org
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08:30-09:45</td>
<td>Opening Ceremony</td>
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<tr>
<td>10:15-11:00</td>
<td>President's Address&lt;br&gt;War, politics, pandemic, and a failed assassination: 117 years of World Congress of the ISS/SIC (International Surgical Week ISW)</td>
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<tr>
<td>11:00-11:45</td>
<td>Martin Allgöwer Lecture&lt;br&gt;Changing times</td>
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<td>12:10-12:30</td>
<td>Welcome Opening Remarks</td>
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<td>12:30-13:35</td>
<td>Free Papers&lt;br&gt;Endocrine surgery</td>
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<tr>
<td>12:15-13:15</td>
<td>Gardehalle I Session&lt;br&gt;New advances in breast cancer&lt;br&gt;neoadjuvant therapy and improved outcomes for patients with residual disease: what surgeons need to know</td>
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<tr>
<td>12:15-13:15</td>
<td>Gardehalle I Session&lt;br&gt;Free Papers / Posters&lt;br&gt;Anaesthetics / Critical care</td>
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<td>12:15-13:15</td>
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<td>Welcome Opening Remarks</td>
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<td>Free Papers&lt;br&gt;Endocrine surgery</td>
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<td>13:30-15:00</td>
<td>Main Session&lt;br&gt;Upper GI benign: GERD</td>
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<td>13:30-15:00</td>
<td>Interesting Cases</td>
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<td>13:30-15:00</td>
<td>Main Session&lt;br&gt;The 3 most important papers in the past 5 years in 8'</td>
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<td>13:30-15:00</td>
<td>State of the Art Session&lt;br&gt;Breast cancer: management of the axilla</td>
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<td>13:30-15:00</td>
<td>Main Session&lt;br&gt;Paul Farmer's legacy</td>
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<td>13:30-14:15</td>
<td>State of the Art Lectures&lt;br&gt;ERAS and long term cancer outcomes</td>
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<tr>
<td>13:30-17:00</td>
<td>Main Session&lt;br&gt;Bariatric/Hernia</td>
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<td>13:30-17:00</td>
<td>Free Papers&lt;br&gt;Endocrine surgery</td>
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<tr>
<td>13:30-17:00</td>
<td>Fireside state of the art session&lt;br&gt;Focus on traditional approach, innovation, controversies and resource challenged settings</td>
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<tr>
<td>15:30-17:40</td>
<td>State of the Art Session&lt;br&gt;Oncoplastic breast surgery</td>
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<td>15:30-17:00</td>
<td>Main Session&lt;br&gt;Global Surgery</td>
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<td>15:30-17:04</td>
<td>Free Papers&lt;br&gt;General surgery</td>
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<td>15:30-17:05</td>
<td>Free Papers&lt;br&gt;Endocrine surgery</td>
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<td>Fireside state of the art session&lt;br&gt;Focus on traditional approach, innovation, controversies and resource challenged settings</td>
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<td>Free Papers&lt;br&gt;General surgery</td>
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<td>Grey Turner Lecture</td>
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<td>General Assembly</td>
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**Coffee Break**

**Main Session**

**Upper GI malignant**

**HPB benign**

**Grey Turner Lecture**

**Endoscopic negative pressure therapy in the treatment of upper GI problems**

**General Assembly**

**Free Papers**

**Endocrine surgery**

**Presidential Address**

**Trauma resuscitation – all the answers I can give you in a few minutes**

**Free Papers & Prize**

**Best podium presentation / Free Paper**

**General surgery 2**

**Executive Committee Meeting**

**Business Meeting**

**Minimal access surgery**

**Enhanced recovery**

**Full text available in raw format as per request.
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<thead>
<tr>
<th>Time</th>
<th>Zeremoniensaal</th>
<th>Prinz Eugen Saal</th>
<th>Forum</th>
<th>Gardehalle I</th>
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<th>Schatzkammersaal</th>
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<tr>
<td>07:15-08:15</td>
<td>Free Papers</td>
<td>General surgery</td>
<td>57 ISDS</td>
<td>58 CONGRESS</td>
<td>59 IATSIC</td>
<td>60 BSI</td>
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<td>07:15-08:15</td>
<td>Donald D. Trunkey Lecture</td>
<td>The paradigm of education in</td>
<td>07:15-08:00 OncoTypeDx use in node negative</td>
<td>07:15-08:18 Free Papers</td>
<td>07:15-08:15</td>
<td>62 CONGRESS</td>
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<td>the 21st Century: are we</td>
<td>and node positive breast cancer</td>
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<td>08:30-10:00</td>
<td>Lloyd M. Nyhus Prize Session</td>
<td>Best ISS/SIC Free Papers</td>
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<td>Global trauma challenges: the</td>
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<td>Umberto Veronesi Lecture</td>
<td>The role of the breast surgeon</td>
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<td>Lecture of the American</td>
<td>Global surgery partnerships</td>
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<td>College of Surgeons ACS</td>
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<td>ISS/SIC US Chapter</td>
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<td>10:30-12:10</td>
<td>Panel Session</td>
<td>Scientific (mis)conduct and</td>
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<td>Main Session</td>
<td>Trauma systems, advocacy &amp;</td>
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<td>High risk patients</td>
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<td>10:30-12:00</td>
<td>State of the Art Session</td>
<td>Treatment of common GI</td>
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<td>pathology across the globe</td>
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<td>13:30-14:30</td>
<td>Grassi Prize Session</td>
<td>Best ISDS Free Papers</td>
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<td>13:30-15:00</td>
<td>Main Session</td>
<td>Highlighting basic science in</td>
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<td>13:30-15:00</td>
<td>Main Session</td>
<td>New developments in military</td>
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<td>13:30-15:00</td>
<td>Main Session</td>
<td>The Great Debate: surgical</td>
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<td>13:30-15:00</td>
<td>Free Papers</td>
<td>General surgery 3</td>
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<td>13:30-15:00</td>
<td>Alliance Meeting</td>
<td>Achieving surgical excellence</td>
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<td>14:45-15:45</td>
<td>Kitajima Prize Session</td>
<td>Best ISDS Free Papers</td>
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<td>16:00-17:00</td>
<td>Videos</td>
<td>Digestive surgery</td>
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<td>15:30-17:00</td>
<td>Case Based Round Table</td>
<td>Some new, exciting and ready</td>
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<td>Discussions</td>
<td>for ‘realtime’ advances in</td>
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<td>17:00-17:15</td>
<td>Closing Remarks</td>
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<td>17:30-18:30</td>
<td>Business Meeting</td>
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<td>Main Session</td>
<td>Scalpel to scope: surgery in</td>
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<td>15:30-17:00</td>
<td>Main Session</td>
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<td>15:30-17:00</td>
<td>Main Session</td>
<td>Nutrition in critical illness</td>
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Coffee Break

Coffee Break
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<td>07:15-08:15</td>
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**Conference Schedule**

- **07:15 - 08:15**: Main Session - ERAS, IASME, ISDS, IATSIC, BSI, ISS/SIC, IVS/SIC/FELAC, ISS/SIC
- **08:30 - 10:00**: Main Session - ERAS, IASME, ISDS, IATSIC, BSI, ISS/SIC, IVS/SIC/FELAC, ISS/SIC
- **10:30 - 12:00**: Main Session - ERAS, IASME, ISDS, IATSIC, BSI, ISS/SIC, IVS/SIC/FELAC, ISS/SIC
- **12:15 - 13:15**: Free Papers - Colorectal surgery, ISDS, IASMEN
- **13:00 - 15:00**: Main Session - Global surgery 1, ISDS, IASMEN
- **15:30 - 17:00**: Main Session - Global surgery 2, ISDS, IASMEN
# Poster Walks / meetings / courses

## MONDAY, 15 August 2022

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<thead>
<tr>
<th>E-Poster Area</th>
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<td>12:15-13:15</td>
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<tr>
<td><strong>Poster Walk 1</strong></td>
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<td><strong>Australian Chapter Meeting</strong></td>
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<td>Digestive surgery (E-Poster Area)</td>
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<td>PW1 ISDS</td>
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## TUESDAY, 16 August 2022

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<td>12:15-13:15</td>
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<tr>
<td><strong>Poster Walk 2</strong></td>
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<td>Breast surgery</td>
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<tr>
<td><strong>Poster Walk 3/4</strong></td>
<td>ISS/SIC / WJS / Springer</td>
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<td>Endocrine surgery</td>
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<td>PW3/4 IAES</td>
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## WEDNESDAY, 17 August 2022

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<tr>
<td><strong>Poster Walk 6/7</strong></td>
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<td><strong>Poster Walk B</strong></td>
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<td>Miscellaneous</td>
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<td>PW8 ISYSIC</td>
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## THURSDAY, 18 August 2022

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<td><strong>OPENING CEREMONY</strong></td>
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<td>10:15-11:45</td>
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<td>10:15</td>
<td>WAR, POLITICS, PANDEMIC, AND A FAILED ASSASSINATION: 117 YEARS OF WORLD</td>
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<td>CONGRESS OF THE ISS/SIC (INTERNATIONAL SURGICAL WEEK ISW)</td>
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<td>Introduction: Kenny D. Boffard, South Africa</td>
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<td>President: John G. Hunter, USA</td>
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<td>ISS/SIC MARTIN ALLGÖWER LECTURE</td>
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<td>Lecturer: Patricia J. Numann, USA</td>
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<td>Room: Prinz Eugen Saal</td>
<td>12:15-13:15</td>
<td>CONGRESS</td>
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<td>12:10-12:30</td>
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<td>IAES WELCOME OPENING REMARKS</td>
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<td>Secretary-</td>
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<td>Treasurer IAES: Janice L. Pasieka, Canada</td>
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<td>President IAES: Akira Miyauchi, Japan</td>
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<td>Arrangement: Bruno Niederle, Austria</td>
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<td>12:30-13:35</td>
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<td>IAES FREE PAPERS #1 (Papers 1-4)</td>
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<td>Moderators: Sebastian Aspinall, UK</td>
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<td>Sophie Dream, USA</td>
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<td>12:30</td>
<td>4.01</td>
<td>ENVIRONMENTAL CHEMICALS AND THEIR ASSOCIATION WITH HYPERPARATHYROIDISM</td>
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<td></td>
<td></td>
<td>Jessica Liu McMullin 1, Jesse Codner 1, Snehal G Patel 1, Jytirimay Sharma 1,</td>
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<td>Dean P Jones 2, Collin J Weber 1, Neil D Saunders 1</td>
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<td>1Department of Surgery, 2Division of Pulmonary, Allergy, Critical Care, and Sleep</td>
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<td></td>
<td>Medicine, Emory University, Atlanta, United States</td>
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<td>12:45</td>
<td>4.02</td>
<td>TRANSORAL THYROIDECTOMY AND PARATHYROIDECTOMY-FIRST RESULTS OF THE</td>
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<td>EUROPEAN TOETVA STUDY GROUP</td>
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<td>Melisa Arikan 1, Philipp Riss 1 on behalf of the European TOETVA Study Group*</td>
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<td>1General Surgery, Medical University of Vienna, Vienna, Austria</td>
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<td>13:00</td>
<td>4.03</td>
<td>LONG-TERM OUTCOMES AFTER THYROID-CONSERVING, CURATIVE SURGERY FOR PATIENTS</td>
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<td>WITH HIGH-RISK PAPILLARY THYROID CARCINOMA</td>
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<td>Iwao Sugitani 1, Hiroko Kazusaka 2, Aya Ebina 3, Wataru Shimbashi 3, Kazuhsa</td>
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<td>Toda 1, Kengo Takeuchi 3</td>
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<td>1Division of Head and Neck, Cancer Institute Hospital, 2Department of Endocrine</td>
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<td>Surgery, Nippon Medical School, 3Pathology Project for Molecular Targets, The</td>
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<td>Cancer Institute, Japanese Foundation</td>
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<td>for Cancer Research, Tokyo, Japan</td>
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<td>13:15</td>
<td>4.04</td>
<td>CARDIAC CHANGES IN PHEOCHROMOCYTOMA/PARAGANGLIOMA PATIENTS AND THEIR</td>
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<td>REVERSAL AFTER CURATIVE SURGERY: RESULTS OF PHEOCARD PROSPECTIVE COHORT STUDY</td>
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<td>1Endocrine and Breast Surgery, 2Cardiology, Sanjay Gandhi Postgraduate Institute</td>
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<td>of Medical sciences, Lucknow, India</td>
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<td>Discussant paper 4.04: James A. Lee, USA</td>
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12:15-13:15 5 CONGRESS  
BACK to Overview

12:15-13:15 6 BSI SESSION  
NEW ADVANCES IN BREAST CANCER NEOADJUVANT THERAPY AND IMPROVED OUTCOMES FOR PATIENTS WITH RESIDUAL DISEASE: WHAT SURGEONS NEED TO KNOW  
Jean-Francois Boileau, Canada  
Room: Gartensaal

12:15-13:15 7 ASAP FREE PAPERS / POSTERS  
ANAESTHESIA / CRITICAL CARE  
Moderators: Kelly McQueen, USA  
Harelimana Grace James, Rwanda

12:15 7.01 C-SECTION RATES AND NEEDS IN RURAL INDIA: RETROSPECTIVE ANALYSIS OF 666 DISTRICTS AND 36 STATES AND UNION TERRITORIES  
Siddhesh Zadey 1,2,*, Joao Vissoci2, Pushkar Nimkar 1  
1Association for Socially Applicable Research (ASAR), Pune, India, 2Department of Surgery, Duke University School of Medicine, Durham, United States

12:29 7.02 TRAVEL TIME AND PERINATAL MORTALITY AFTER EMERGENCY CAESAREAN SECTIONS: AN EVALUATION OF THE 2-HOUR PROXIMITY INDICATOR IN SIERRA LEONE  
Alex J. van Duinen 1,2, Håvard A. Adde 2, Alimamy P. Koroma 3,4, Ola Fredin 5, Hampus Holmer 6, Lars Hagander 7, Andrew J. M. Leather 8, Håkon A. Bolkan 1,2  
1Department of Surgery, St Olav's Hospital, Trondheim University Hospital, 2Institute of Clinical and Molecular Medicine, Norwegian University of Science and Technology, Trondheim, Norway, 3Ministry of Health and Sanitation, 4Department of Obstetrics and Gynaecology, Princess Christian Maternity Hospital (PCMH), University Teaching Hospitals Complex, Freetown, Sierra Leone, 5Department of Geography, Norwegian University of Science and Technology, Trondheim, Norway, 6Department of Global Public Health, Karolinska Institutet, Stockholm, 7Centre for Surgery and Public Health, Clinical Sciences Lund, Skåne University Hospital, Lund University, Lund, Sweden, 8King's Centre for Global Health & Health Partnerships, King's College London, London, United Kingdom

12:43 7.03 GROIN HERNIA: INDICATIONS, MANAGEMENT AND OUTCOMES IN RURAL AREA OF CAMEROON  
YANNICK MAHAMAT EKANI BOUKAR 1,*, GEORGES ROGER MOTO BWELLE 2 , FABRICE TIENTCHE TIM 3, CYRILLE NGOUMFE CHOPKENG 4, TEOPHILE CHUNTENG NANA 1, ALAIN MEFIRE CHICHOM 1, ARTHUR ESSOMBA 5, MARCELLIN NGOWE NGOWE 6  
1surgery, Faculty of Health Sciences, Buea, 2surgery, Faculty of Medecine and Biomedical Sciences, 3surgery, Yaounde Central hospital, Yaounde, 4surgery, Limbe regional Hospital, Limbe, 5surgery, Faculty of Medecine and Biomedical Sciences, Yaounde, 6surgery, Faculty of Medecine and Pharmaceutical Sciences, Douala, Cameroon

12:57 7.04 OFF-LABEL USE OF AN EXTERNAL HAND FIXATOR FOR THE TREATMENT OF CRANIOMAXILLOFACIAL FRACTURES – A FEASIBILITY STUDY ON THE CAUDALER AND A RETROSPECTIVE DATA ANALYSES OF THE CLINICAL APPLICATION  
Christian Deininger 1, Marco Necchi 2, Teresa Gruber 3, Valeska Hofmann 4, Susanne Deininger 5, Eva Steidle-Kloc 6, Jan Pruszak 8, Florian Wichlas 1,†  
1University Clinic for Orthopedics and Traumatology, Paracelsus Medical University, Salzburg, Austria, 2Abteilung für Chirurgie und Orthopädie, Krankenhaus Sterzing, Sterzing, Italy, 3University Clinic for Orthopedics and Traumatology, Paracelsus Medical University, Salzburg, Austria, 4BG Trauma Centre, Department of Trauma and Reconstructive Surgery, University of Tübingen, Tübingen, Germany, 5University Clinic of Urology and Andrology, 6Anatomie und Zellbiologie, Paracelsus Medical University, Salzburg, Austria

13:04 7.05 VALUE OF ULTRASONOGRAPHY IN PREDICTING AXILLARY LYMPH NODE STATUS IN BREAST CARCINOMA AFTER NEOADJUVANT CHEMOTHERAPY  
Chandan Kumar Jha 1,†, Prashant Kumar Singh 2, Upasna Sinha 3  
1General Surgery (Endocrine Surgery), 2General Surgery, 3Radiodiagnosis, All India Institute of Medical Sciences, Patna, Patna, India

12:15-13:15 8 CONGRESS  
BACK to Overview
Room: Festsaal

13:30-15:00 ISDS MAIN SESSION

UPPER GI BENIGN: GERD
Moderators: Italo Braghetto, Chile
Seigo Kitano, Japan

13:30 INTRODUCTION BY THE MODERATORS

13:33 GASTROESOPHAGEAL REFLUX DISEASE: DIAGNOSIS, WORK-UP AND PATIENT SELECTION FOR MEDICAL, ENDOSCOPIC AND SURGICAL THERAPIES
Francisco Schlottmann, Argentina

14:03 CONTROVERSIES IN MANAGEMENT: TOTAL VERSUS PARTIAL FUNDOPLICATION - TREATMENT OF GERD AND MORBID OBESITY
Marc A. Ward, USA

14:21 TREATMENT OF GERD IN A CHALLENGING ENVIRONMENT
Fernando A. Herbella, Brazil

14:39 CASE PRESENTATION AND DISCUSSION

Room: Prinz Eugen Saal

13:45-15:00 IAES INTERESTING CASES

ENDOCRINE SURGERY
Moderator: Janice L. Pasieka, Canada

Room: Forum

13:30-15:00 IATSIC MAIN SESSION

THE 3 MOST IMPORTANT PAPERS IN THE PAST 5 YEARS IN 8’
Moderators: Elmin Steyn, South Africa
Klaus Markstaller, Austria

13:30 INTRODUCTION BY THE MODERATORS

13:33 ICU
Karen Brasel, USA

13:41 GLOBAL SURGERY
Jana B.A. MacLeod, Kenya

13:49 DISASTER PREPAREDNESS
Timothy C. Hardcastle, South Africa

13:57 PAEDIATRIC
Hayaki Uchino, Japan

14:05 TRAUMA SURGERY
David H. Livingston, USA

14:13 COVID-19 PANDEMIC
Timothy C. Fabian, USA

14:21 TRAUMA TRAINING
Ronald V. Maier, USA

14:30 DISCUSSION

Room: Gardehalle I

13:30-15:00 BSI STATE OF THE ART SESSION 1

 BREAST CANCER: MANAGEMENT OF THE AXILLA
Moderators: Ipshita Prakash, Canada
Michael Gnanta, Austria

13:30 INTRODUCTION BY THE MODERATORS

13:33 AXILLARY NODE DISSECTION: NOVEL TECHNIQUES TO DECREASE SURGICAL MORBIDITY
<table>
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<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>13:51</td>
<td>SENTINEL NODE BIOPSY AND TARGETED AXILLARY NODE DISSECTION (TAD) TECHNIQUE</td>
<td>Mardi R. Karin, USA</td>
<td>USA</td>
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<tr>
<td>14:09</td>
<td>CONTROVERSIES IN AXILLARY MANAGEMENT IN THE PRIMARY SURGERY SETTING</td>
<td>Michael Douek, UK</td>
<td>UK</td>
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<td>14:27</td>
<td>ALTERNATIVE TECHNIQUES FOR TAILORED MANAGEMENT OF THE AXILLA</td>
<td>Jean-Francois Boileau, Canada</td>
<td>Canada</td>
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<td>14:45</td>
<td>DISCUSSION</td>
<td>Walter Weber, Switzerland</td>
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### ASAP MAIN SESSION

**Paul Farmer's Legacy**

**Moderator:** Kelly McQueen, USA

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<th>Speaker(s)</th>
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<tr>
<td>13:30</td>
<td>Introduction by the Moderators</td>
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<tr>
<td>13:33</td>
<td>Paul's Essential Contribution to BOSD / ASAP</td>
<td>Kelly McQueen, USA</td>
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<td>13:47</td>
<td>Paul's Legacy of Global Surgery</td>
<td>John Meara, USA</td>
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<td>14:01</td>
<td>Paul's Mentorship of Future Global Surgeons</td>
<td>Kathryn Chu, South Africa</td>
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<td>14:15</td>
<td>Surgery in Rwanda</td>
<td>Robert Riviello, USA; Barnabas Alayande, Rwanda</td>
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<tr>
<td>14:29</td>
<td>Paul's Continuing Impact on Global Surgery: Inspiration, Leadership, Legacy</td>
<td>Russell L. Gruen, Australia</td>
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**Discussion**

### IASME STATE OF THE ART LECTURES

**ERAS and Long Term Cancer Outcomes**

**Moderator:** Anders Thorell, Sweden

**Lecturer:** Olle Ljungqvist, Sweden

**Prehabilitation in Elective Surgery: Does It Work?**

**Moderator:** Ho-Seong Han, South Korea

**Lecturer:** Dileep N. Lobo, UK

### ISDS MAIN SESSION

**Bariatric/Hernia**

**Moderators:** James A. Madura, USA; Marc A. Ward, USA

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<td>15:30</td>
<td>Introduction by the Moderators</td>
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<tr>
<td>15:33</td>
<td>Novel Approaches, Balloons and Things</td>
<td>Todd Kellogg, USA</td>
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<tr>
<td>15:51</td>
<td>GERD and Sleeve Gastrectomy</td>
<td>James A. Madura, USA</td>
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<td>16:09</td>
<td>Management of the Patient Who is Regaining Weight</td>
<td>Peter Hallowell, USA</td>
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<td>16:27</td>
<td>Utilizing Endoscopy to Manage Bariatric Surgery Leaks</td>
<td>Marc A. Ward, USA</td>
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<td>16:45</td>
<td>Q/A Discussion</td>
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### IAES FREE PAPERS #2

**Endocrine Surgery**

**Moderators:** Julie Miller, Australia; Gerard M. Doherty, USA

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<th>Time</th>
<th>Session Name</th>
<th>Title</th>
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<tr>
<td>15:30</td>
<td>Unilateral Adrenalectomy for Primary Aldosteronism Due to Bilateral Hyperplasia Can Result in Resolution of Hypokalemia and Amelioration of Hypertension</td>
<td>Unilateral Adrenalectomy for Primary Aldosteronism Due to Bilateral Hyperplasia Can Result in Resolution of Hypokalemia and Amelioration of Hypertension</td>
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Thomas Szabo Yamashita, Omair Shariq, Trenton Foster, Melanie Lyden, Benzon Dy, William Young, Irina Bancos, Travis McKenzie

1. General Surgery, 2. Medical Endocrinology and Metabolism, Mayo Clinic Rochester, Rochester, United States

15:45 16.02 HEMITHYROIDECTOMY FOR LOW-RISK 1-4 CM PAPILLARY THYROID CANCER IS NOT ASSOCIATED WITH INCREASED RECURRENCE RATES IN THE DUTCH POPULATION WITH A RESTRICTED DIAGNOSTIC WORK-UP
1. Surgery, University Medical Center Groningen, Groningen, 2. Surgery, Amsterdam University Medical Center, Amsterdam, 3. Endocrinology, University Medical Center Groningen, Groningen, Netherlands

16:00 16.03 IS THERE ANY RELIABLE PREDICTOR OF FUNCTIONAL RECOVERY FOLLOWING POST-THYROIDECTOMY UNILATERAL NERVE PALSY?
Maria Raffaella Marchese, Luca Revelli, Pierpaolo Gallucci, Claudio Montuori, Sofia Di Lorenzo, Lucia D’Alatri, Carmela De Crea, Marco Raffaelli
1. Division of Otolaryngology, 2. Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Roma, Italy

16:15 16.04 NEAR-INFRARED PARATHYROID AUTO-FLUORESCENCE (NIRAF) USE IN A REFERRAL CENTER FOR THYROID SURGERY. PROSPECTIVE RANDOMIZED STUDY OF ONE YEAR FOLLOW-UP.
Luis Carrillo, Sohail Bakkar, Carlos Zerrweck, Jean Louis Kraimps, Gianluca Donatini
1. General and Endocrine Surgery, CHU POITIERS, Poitiers, France, 2. Surgery, Hashemite University, Zarqa, Jordan, 3. Metabolic and Endocrine Surgery, ABC Hospital, Mexico City, Mexico

Discussant paper 16.04: Sally Carty, USA

16:35 16.05 THE RELATIONSHIP BETWEEN THYROID STIMULATING HORMONE LEVEL AND TUMOR ENLARGEMENT OF LOW-RISK PAPILLARY THYROID MICROCARCINOMA DURING ACTIVE SURVEILLANCE
Yasuhiro Ito, Akira Miyauchi, Makoto Fujishima, Takuya Noda, Tsutomu Sano, Takahiro Sasaki, Takatoshi Kishi, Tomohiko Nakamura
1. Department of Surgery, 2. Department of Head and Neck Surgery, 3. Department of Internal Medicine, Kuma Hospital, Kobe, Japan

16:50 16.06 MAKING THE CUT - PARATHYROIDECTOMY BEFORE OR AFTER KIDNEY TRANSPLANTATION?
Rongzhi Wang, Faaiz Saad, Clifton Kew, Gaurav Agarwal, Keith Wille, Jayme Locke, Herbert Chen, Song Ong
1. Department of Surgery, 2. School of Medicine, 3. Department of Medicine, University of Alabama at Birmingham, Birmingham, United States
Room: Forum

15:30-17:00  17  IATSIC FIRESIDE STATE OF THE ART SESSION  
FOCUS ON TRADITIONAL APPROACH, INNOVATION, CONTROVERSIES AND RESOURCE 
CHALLENGED SETTINGS
Moderators: Maria Jimenez, Colombia
           Selman Uranues, Austria

15:30
INTRODUCTION BY THE MODERATORS

15:33
PENETRATING VS BLUNT: INITIAL
Adam J. Brooks, UK

15:42
JUNCTIONAL INJURY
Euan Dickson, Scotland

15:51
EXTREMITY VASCULAR
Jørgen J. Jørgensen, Norway

16:00
SEVERE CHEST WALL TRAUMA
Robert Winchell, USA

16:09
TORSO VASCULAR INJURIES
Raul Coimbra, USA

16:18
DUODENAL INJURIES
Scott K. D’Amours, Australia

16:27
MANGLED EXTREMITY
Paul Puchwein, Austria

16:36
DISCUSSION

Room: Gardehalle I

15:30-17:00  18  BSI STATE OF THE ART SESSION 2
ONCOPLASTIC BREAST SURGERY
Moderator: Elisabeth Elder, Australia
           Walter Weber, Switzerland

15:30
INTRODUCTION BY THE MODERATORS

15:33
SURGICAL ANATOMY OF THE BREAST: THE BASIS OF PROPER ONCOPLASTIC SURGERY
Ashutosh Kothari, UK

15:51
LEVEL 1 + 2 ONCOPLASTIC BREAST SURGERY BASICS AND EXAMPLES
Omar Z. Youssef, Egypt

16:09
EXTREME ONCOPLASTY
Farid Meybodi, Australia

16:27
3D PRINTED BIODEGRADABLE BREAST SCAFFOLDS
Owen A. Ung, Australia

16:45
DISCUSSION

Room: Gartensaal

15:30-17:00  19  CSAMM MAIN SESSION
GLOBAL SURGERY
Moderators: April C. Roslani, Malaysia
           Lim Kean Ghee, Malaysia

15:30
INTRODUCTION BY THE MODERATORS

15:33
PATIENT CENTRED GLOBAL SURGERY
Hisham Abdullah, Malaysia
15:57  SURGICAL ACCESS IN MALAYSIA: DEFINING THE PROBLEM AND DESIGNING THE SOLUTION
Yusof Abdul Wahab, Malaysia

16:21  ACCESS TO BREAST CANCER SERVICES IN MALAYSIA
Cheng Har Yip, Malaysia

16:45  DISCUSSION

Room: Schatzkammersaal

15:30-17:04  ISS/SIC FREE PAPERS  
GENERAL SURGERY 1
Back to Overview

15:30  20.01  SURGICAL TREATMENT OF ISOLATED AND MULTIPLE DUODENAL INJURIES
Igor Kryvoruchko 1,*, Valeriy V. Boyko 1, Roman S. Riabtsev 2
1Kharkiv National Medical University, 2Institute General and Emergency Surgery named after VT Zaitcev NAMSU, Kharkiv, Ukraine

15:46  20.02  THE DISCREPANCY IN THE PERITONEAL CARCINOMA INDEX: DIAGNOSTIC IMAGING VS. SURGICAL EXPLORATION
Karina Strohmeyer 1,*, Gerald Suppan 1, Andrea Ruppert-Kohlmayr 2, Rudolf Schrittleser 1
1General Surgery, 2Radiology, LKH Hochsteiermark- Standort Leoben, Leoben, Austria

16:02  20.03  AGE ADJUSTED CHARLSON COMORBIDITY INDEX (A-CCI) AS A TOOL TO PREDICT 30-DAY POST-OPERATIVE OUTCOME IN GENERAL SURGERY PATIENTS
Hemanga Kumar Bhattacharjee 1,*, M P Kaviyarasan 1, Don Jose K 1, Suhani Suhani 1, Mohit Joshi 1, Rajinder Parshad 1
1Department of Surgical Disciplines, All India Institute of Medical Sciences, Delhi, India

16:17  20.04  INDICATIONS, TECHNIQUES AND RESULTS OF A PROSPECTIVE STUDY ON DIRECT PERITONEAL RESUSCITATION (DPR) USED ON 37 PATIENTS POST DAMAGE CONTROL SURGERY
Rifat Latifi 1,*, Kenji Okumura 1, Abbas Smiley 1
1Surgery, Westchester Medical Center, NYMC, Valhalla, United States

16:34  20.05  THE NESA’S TRANS DOUGLAS AND TRANS-ORAL SURGERY
Michael Stark 1,*, Tahar Benhidjeb 2
1Headquarter, NESA, Berlin, 2Surgery, University Hospital, Bielefeld, Germany

16:49  20.06  EFFECT OF LAPAROSCOPIC OMENTECTOMY ON CAPD CATHETER MALFUNCTION: A THREE ARM PILOT RANDOMIZED TRIAL
Aditya Baks 1,*, Krishna Asuri 2, Seeu Vuthaluru 2, Om Prakash 3, Virinder Kumar Bansal 3, Subodh Kumar 3
1General Surgery, All India Institute of Medical Sciences, Jodhpur, Rajasthan, Jodhpur, 2Department of Surgical Disciplines, All India Institute of Medical Sciences, New Delhi, New Delhi, India
Tuesday, 16 August 2022

Room: Zeremoniensaal

07:15-08:15  21  ISDS FREE PAPERS
DIGESTIVE SURGERY
Moderators: James A. Madura, USA
Jamie Murphy, UK

07:15  21.01  LAPAROSCOPIC FUNDOPLICATION AS A DAY CASE PROCEDURE - PATIENT COMPREHENSION FOR SUCCESSFUL MODEL
Balaji Jayasankar 1,*, Kirollos Abdelsaid 1, Ahmed Hamouda 1
1General Surgery, Maidstone and Tunbridge Wells NHS, UK, Tunbridge Wells, United Kingdom

07:23  21.02  LAPAROSCOPIC VERSUS OPEN PANCREATODUODENECTOMY: COMPARATIVE STUDY
Gurbankhan Muslimov 1, GUNAY ALIYEVA 2, NATIG ZEYNALOV 1, VUGAR BEHBUDOV 1
1General Surgery, 2Scientific Center of Surgery, Baku, Azerbaijan

07:31  21.03  IDENTIFYING PANCREATIC DUCTAL ADENOCARCINOMA PATIENTS WITH POOR PROGNOSIS BY IMPROVED CTC DETECTION IN HIGH BLOOD VOLUMES VIA DIAGNOSTIC LEUKAPHERESIS
Georg Fluegen 1,*, Rosa Guglielmi 1, Guus van Dalum 1, Dieter Niederacher 2, Tanja Fehm 3, Johannes Fischer 3, Wolfram T Knoefel 1, Nikolaus Stoecklein 1
1Dep. of Surgery (A), 2Dep. of Obstetrics and Gynecology, 3Institute for Transplantation Diagnostics and Cell Therapeutics, University Clinic Duesseldorf, Duesseldorf, Germany

07:39  21.04  A STUDY OF FEASIBILITY AND LONG-TERM SURVIVAL IN 199 CASES OF GASTRIC CANCER UNDERWENT D2 LYMPHADENECTOMY IN LMIC
Amitabha Mandal 1,*, Sunil Kumar 1, SVS Deo 1, Sandeep Bhorwal 1, Naveen Kumar 1, Chandan Kumar 1, Atul Sharma 2, Sushmita Pathy 3
1SURGICAL ONCOLOGY, 2Medical Oncology, 3Radiation Oncology, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI, New Delhi, India

07:47  21.05  COMPLEX DUODENAL FISTULAS – A SURGICAL NIGHTMARE
Ari Kalevi Leppäniemi 1,*, Matti Tolonen 1, Panu Mentula 1
1Abdominal Center, HELSINKI UNIVERSITY HOSPITAL and UNIVERSITY OF HELSINKI, FINLAND, Helsinki, Finland

07:55  21.06  IS IT POSSIBLE TO SAY "NO DRAIN NO PAIN" IN BARIATRIC SURGERY? THE EFFECT OF DRAIN USE ON PAIN SCORES IN LAPAROSCOPIC SLEEVE GASTRECTOMY. A PROSPECTIVE RANDOMIZED TRIAL
Yasir Musa Kesgin 1,*, Hakkan Seyit 2, Osman Köneş 2, Eyüp Gemicı 2, Murat Cikot 2, Sezer Bulut 3, Mehmet Karabulut 2, Halil Alis 3
1General Surgery, Adiyaman Gölbaşı State Hospital, ADIYAMAN, 2General Surgery, Bakirkoy Dr. Sadi Konuk Training and Research Hospital, 3General Surgery, Beyilkuş State Hospital, 4General Surgery, Istanbul Aydin University Medical Faculty Hospital, İSTANBUL, Turkey

08:03  21.07  TREATMENT OF REFRACTORY GASTROPARESIS WITH GASTRIC ELECTRICAL STIMULATION ASSOCIATED WITH OVERALL REDUCTION OF SYMPTOMS AND HOSPITALIZATION RATES
Justin Bauzon 1,*, Annabel Barber 1
1Surgery, Kirk Kerkorian School of Medicine at University of Nevada Las Vegas, Las Vegas, United States

Room: Prinz Eugen Saal

07:00-08:15  22  IAES “EYE-OPENING” VIDEO SESSION
ENDOCRINE SURGERY
Moderators: Barbra Miller, USA
Olov Norlen, Sweden

VARIABLE MINIMALLY INVASIVE APPROACHES TO PARAGANGLIOMAS
Olov Norlen, Sweden

ROBOTIC TRANSORAL THYROIDECTOMY
Amit Agarwal, India

SERIES OF PARATHYROID AUTOFLUORESCENCE
Jordi Vidal Fortuny, Switzerland

ANGIOGRAPHY GUIDED THYROIDECTOMY
Pablo Moreno Llorente, Spain
MICRO TEACHING VIDEOS:
- NEUROLOGIC STATUS AFTER LATERAL NECK DISSECTION
  Olov Norlen, Sweden
- THE “LEE” MANEUVER
  Kathie McManus, USA
- ICG FOR IDENTIFICATION OF NORMAL ADRENAL DURING PARTIAL ADRENALECTOMY
  Barbra Miller, USA
- RLN ANASTOMOSIS
  Akira Miyauchi, Japan
- CONTINUOUS INTRAOPERATIVE NEUROMONITORING IN LARGE MEDIASTINAL GOITRE
  Roma Pradhan, India

Room: Forum

07:00-08:20  23  AAST / IATSIC PRIZE SESSION
TRIUMA SURGERY
Moderators: David H. Livingston, USA
            Elmin Steyn, South Africa

07:00  23.01 DISPARITIES IN EMERGENCY SURGERY AND EMERGENCY CARE AMONG PATIENTS WITH
        PERFORATED ULCERS AND A HISTORY OF MENTAL ILLNESS: A NATIONWIDE COHORT
        STUDY
        Julie Mackenhauer 1, Erika Christensen 2, Jan Mainz 3, Nicolai Bang Foss 4, Peter Olsen Svenningsen 5,
        Søren Paaske Johnsen 1
        1Danish Center for Clinical Health Services Research (DACS), Department of Clinical Medicine, 2Centre
        for Prehospital and Emergency Research, Department of Clinical Medicine, 3Danish Center for Clinical
        Health Services Research (DACS), Department of Clinical Medicine, 4Aalborg University, Aalborg, 5Department
        of Anesthesiology, Hvidovre Hospital, 6Department of Surgery, North Zealand Hospital, Copenhagen, Denmark

07:12  23.02 ACCURACY OF THE NELA SCORE AT PREDICTING LONG-TERM MORTALITY AFTER
        EMERGENCY LAPAROTOMY
        Ahmed Barazanchi 1, 2, 7, Karen Toh 3, Sameer Bhat 4, Wiremu MacFater 5, Weisi Xia 6, Andrew
        MacCormick 1, 7, Ashish Taneja 8, Andrew Graham Hill 1, 7
        1Surgery, University of Auckland, Auckland, New Zealand, 2Upper GI Surgery, Royal North Shore
        Hospital, Sydney, Australia, 3Orthopaedic Surgery, 4General Surgery, Palmerston North Hospital,
        Palmerston North, 5Orthopaedic Surgery, North Shore Hospital, 6General Surgery, Middlemore Hospital,
        7General Surgery, Auckland City Hospital, Auckland, New Zealand

07:24  23.03 RIDESHARE TO THE RESCUE? TRENDS IN ALCOHOL-RELATED MOTOR VEHICLE COLLISIONS
        Rhiannon Bradshaw 1, Rachel Krzeczkowski 2, Heather Grossman Verner 2, Chris Pearcy 1, Brian
        Figueroa 2, Andrew Karpisek 1, Kevin Records 1, Michael Truitt 1
        1Graduate Medical Education, 2Clinical Research Institute, Methodist Dallas Medical Center, Dallas,
        United States

07:36  23.04 PROPHYLACTIC EFFECT OF NEGATIVE PRESSURE WOUND THERAPY AND DELAYED SUTURE
        FOR INCISIONAL-SURGICAL SITE INFECTION AFTER EMERGENCY LAPAROTOMY FOR
        COLORECTAL PERFORATION: A MULTICENTER RETROSPECTIVE COHORT STUDY
        Keita Nakatsutsumi 1, 2, Akira Endo 1, Yasuaki Otomo 1 and Project study 2019 team of Japanese Society
        for Abdominal Emergency Medicine
        1Trauma and acute critical care medicine center, Tokyo medical and dental university hospital,
        Bunkyoku, Japan

07:48  23.05 ANALYSIS OF PLATELET INHIBITION IN 435 MALE AND FEMALE TRAUMA PATIENTS WITH
        BRAIN INJURY
        Lauren Elizabeth Favors 1, Victoria P. Miles 1, Chace Hicks 1, Hunter Parmer 1, Andrew Wilson 2,
        Abigail Edwards 3, Kathryn Stewart 4, Robert Maxwell 1
        1Department of Surgery, University of Tennessee College of Medicine Chattanooga, 2Department of
        Orthopedic Surgery, University of Tennessee College of Medicine, Chattanooga, 3University of
        Tennessee College of Medicine, Memphis, 4Erlanger Health System, Chattanooga, United States

08:00  23.06 THE EDUCATIONAL IMPACT OF VIRTUAL PATIENTS ON ADVANCED TRAUMA TEAM TRAINING
        DURING A MULTINATIONAL, LARGE-SCALE CIVIL MILITARY MEDICAL SIMULATION EXERCISE
        Linda Theresse Sonesson 1, Kenneth David Boffard 2, Per Ortenwall 3, Klas Karlgren 4, Péter Vekzsler 5
        1Institute of Health and Care Sciences, University of Gothenburg, Gothenburg, Sweden, 2Department of
        Surgery, University of the Witwatersrand, Johannesburg, South Africa, Johannesburg, South Africa,
        3Department of Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg,
ISS/SIC FREE PAPERS

HERNIA

Moderators: René Fortelny, Austria
            Jaime Rappoport, Chile

07:15  24.01 COMPARISON OF NON-MESH DESARDA TECHNIQUE VERSUS LICHTENSTEIN TECHNIQUE FOR INGUINAL HERNIA REPAIR: A SYSTEMATIC REVIEW AND META-ANALYSIS OF 14 COMPARATIVE STUDIES.
       Ali Yasen Y Mohamedahmed 1,*, Abdul Karim Sillah 2
       1General surgery, Sudan Medical Specialization Board, Khartoum, Sudan, 2General surgery, SWBH trust, Birmingham, United Kingdom

07:31  24.02 SHOULD THE SPERMATIC CORD BE PROTECTED? (SECOND REPORT)
       Eduardo Molina 1,*, Jose Goderich 1, Leonserdo Arias 1
       1Surgery, Hospital La habana, La habana, Cuba

07:47  24.03 IS THERE EVIDENCE FOR THE APPLICATION OF TITANIUM MESH IN HERNIA REPAIR?
       René G Holzheimer 1,*
       1LMU Munich, Munich, Germany

CONGRESS

07:15  25

UPPER GI MALIGNANT

Moderators: Freya Smolle-Juttner, Austria
            Hisahiro Matsubara, Japan

08:30  INTRODUCTION BY THE MODERATORS

08:33  THE MANAGEMENT OF EARLY ESOPHAGEAL NEOPLASIA FROM BARRETT’S ESOPHAGUS TO T1 INVASIVE CANCER: ABLATION, ENDOSCOPIC RESECTION AND ESOPHAGECTOMY
       Lorenzo Ferri, Canada

08:57  LOCALLY ADVANCED ESOPHAGEAL CANCER: IMPORTANCE OF A MULTIDISCIPLINARY APPROACH
       Mathieu Rousseau, Canada

09:21  GASTRIC CANCER: CONTROVERSIES IN MANAGEMENT - EXTENT OF RESECTION, D1 VERSUS D2 LYMPH NODE DISSECTION, NEO-ADJUVANT AND ADJUVANT THERAPY
       Yoshihiro Kakeji, Japan

09:45  CASE PRESENTATION AND DISCUSSION
**Room: Prinz Eugen Saal**

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<td>08:30</td>
<td><strong>IAES FREE PAPERS #3</strong></td>
<td><strong>ENDOCRINE SURGERY</strong></td>
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<td><strong>Moders</strong>: Marcin Barcynski, Poland</td>
<td><strong>Brenessa Lindeman, USA</strong></td>
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<td>08:30</td>
<td>28.01 Artificial Intelligence for Preoperative Diagnosis of Malignant Thyroid Nodules Based on Sonographic Features and Cytology</td>
<td>Karishma Jassal 1, Afshannd Koohestani 1, Nandhini Ravintharan 1, Andrew Kiu 1, Simon Grodski 1, Meei Yeung 1, Jonathan Serpell 1, James C Lee 1</td>
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<td>08:30</td>
<td>28.02 Single Center Outcomes from Parenchymal-Sparing Resections with Microwave Ablations for Neuroendocrine Tumor Liver Metastases</td>
<td>Frances Lee 1, Xavier Keutgen 1, Jelani Williams 1, Rachel Nordgren 1, Peter Angelos 1, Michael Millis 1, Blase Polite 2, Chih-Yi Liao 2</td>
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<td>28.03 Radiofrequency Ablation for Hot Nodules: The New Hot Topic</td>
<td>Erivelto Volpi 1, Leonardo de Moura Volpi 2, Jose Higino Steck 3, Leonardo Rangel 4, Rodrigo Gobbo Garcia 5, Antonio Rahal Jr 5</td>
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<td>28.04 Overall Survival in Patients with Stage IV Pan-Net Eligible for Liver Transplantation</td>
<td>Josefine Kjaer 1, Sara Smith 1, Peter Stålberg 1, Joakim Crona 2, Per Hellman 1, Staffan Welin 2, Olov Norlen 1</td>
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<td>08:35</td>
<td>28.05 Validated Model Predicting Effect of Radioactive Iodine on Overall Survival (OS) in Papillary Thyroid Cancer (PTC)</td>
<td>Mandakini Venkatramani 1, Kristine Kuchta 1, Amna Khokar 2, Tricia Moo-Young 1, Richard A Prinz 1, David J Winchester 1</td>
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<td>28.06 Impact of Surgeon Volume on Morbidity Following Parathyroidectomy in the United Kingdom: A Study of 16,140 Parathyroidectomies from the United Kingdom Registry of Endocrine and Thyroid Surgery (UKRETS)</td>
<td>Sendhil Rajan 1, Dale Gracie 1, Sebastian Rupert Aspinall 1</td>
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**Room: Forum**

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<tr>
<td>08:30</td>
<td><strong>IATSIC MAIN SESSION</strong></td>
<td><strong>THE YOUNGEST AND OLDEST TRAUMA PATIENTS</strong></td>
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<td><strong>Moderators</strong>: Paal A. Naess, Norway</td>
<td><strong>Yasumitsu Mizobata, Japan</strong></td>
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<td><strong>Timothy C. Hardcastle, South Africa</strong></td>
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<td>08:30</td>
<td><strong>INTRODUCTION BY THE MODERATORS</strong></td>
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<td>08:33</td>
<td><strong>PAEDIATRIC</strong></td>
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<td><strong>- PAEDIATRIC CASE</strong></td>
<td>Neema Kaseje, USA</td>
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<td>08:48</td>
<td><strong>- HIGHLIGHTS IN PAEDIATRIC TRAUMA</strong></td>
<td>Paal A. Naess, Norway</td>
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<td>09:15</td>
<td><strong>GERIATRIC</strong></td>
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<td><strong>- JUST BECAUSE WE CAN DOESN'T MEAN WE SHOULD: AGGRESSIVE TRAUMA CARE IN THE ELDERLY WITH COMORBIDITIES</strong></td>
<td>Rochelle Dicker, USA</td>
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<td>09:30</td>
<td><strong>- FUNCTIONAL OUTCOME AFTER TRAUMA IN THE ELDERLY</strong></td>
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**Room: Gardehalle I**

08:30-10:00  30  BSI MAIN SESSION  
**NEOADJUVANT THERAPY: WHO AND HOW?**
Moderators: Ashutosh Kothari, UK  
Guenther Steger, Austria

08:30  INTRODUCTION BY THE MODERATORS

08:33  NEOADJUVANT THERAPY: SELECTION OF PATIENTS WITH OPERABLE BREAST CANCER AND MANAGEMENT
Ines Buccimazza, South Africa

08:51  MANAGEMENT OF THE AXILLA AFTER NEOADJUVANT CHEMOTHERAPY  
Ipshita Prakash, Canada

09:09  MANAGEMENT OF THE AXILLA AFTER NEOADJUVANT ENDOCRINE THERAPY  
Jean-Francois Boileau, Canada

09:27  COMPLETE RESPONSE AFTER NEOADJUVANT THERAPY: IS SURGERY AND/OR RADIOTHERAPY REALLY NECESSARY?  
Mikael Hartman, Singapore

09:45  DISCUSSION

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**Room: Gartensaal**

08:30-10:00  31  AWS / ASAP MAIN SESSION  
**LIFE HAPPENS**
Moderators: Susan Pories, USA  
Catharina Ihre-Lundgren, Sweden

08:30  INTRODUCTION BY THE MODERATORS

08:33  WHEN YOU CAN'T OPERATE/PRACTICE ANYMORE  
Marybeth Hughes, USA

08:45  TRANSITIONING BACK TO PRACTICE  
Elizabeth Shaughnessy, USA

08:57  THE AGING SURGEON: GENERATIONAL DIFFERENCES  
Celeste Hollands, USA

09:09  MOVING UP MAY MEAN MOVING OUT: IMPACT ON WORK LIFE INTEGRATION  
Michelle de Oliveira, Switzerland

09:21  FROM BURNOUT TO WELLNESS: FINDING OPTIMAL STRESS  
Sharmila Dissanaike, USA

09:33  DISCUSSION

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**Room: Schatzkammersaal**

08:30-10:00  32  IASMEN / ISBI MAIN SESSION  
**ENHANCED RECOVERY**
Moderators: Peter Dziewulski, UK  
Joji Kotani, Japan

08:30  INTRODUCTION BY THE MODERATORS

08:33  ENHANCED RECOVERY FOLLOWING ELECTIVE SURGERY  
Kwang-Yeong How, Singapore

08:45  SUPPORT OF THE HYPER METABOLIC RESPONSE TO BURNS: NUTRITION DRUGS AND EXERCISE  
David N. Herndon, USA

08:57  ENHANCED RECOVERY FOLLOWING BURNS AND TRAUMA  
Steven E. Wolf, USA
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<tr>
<td>09:09</td>
<td><strong>ENHANCING PAIN CONTROL IN BURN INJURY</strong></td>
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<td>Tina Palmieri, USA</td>
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<td>09:21</td>
<td><strong>CONVERTING WAITING LISTS TO PREPARATION LISTS</strong></td>
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<td>Dileep N. Lobo, UK</td>
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<td>09:33</td>
<td><strong>ENHANCED RECOVERY SURGERY: ECONOMIC IMPACT</strong></td>
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<td>Olle Ljungqvist, Sweden</td>
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<td>09:45</td>
<td><strong>DISCUSSION</strong></td>
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**Room: Zeremoniensaal**

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<td><strong>HPB BENIGN</strong></td>
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<td>Moderators: Matthew Walsh, USA</td>
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<td>Pauli Puolakkainen, Finland</td>
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<td>10:30</td>
<td><strong>INTRODUCTION BY THE MODERATORS</strong></td>
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<tr>
<td>10:33</td>
<td><strong>INITIAL MANAGEMENT OF ACUTE PANCREATITIS BY SURGEONS</strong></td>
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<td></td>
<td>Pauli Puolakkainen, Finland</td>
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<td>10:47</td>
<td><strong>CURRENT SURGICAL APPROACHES TO CHRONIC PANCREATITIS</strong></td>
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<td>Jakob R. Izbicki, Germany</td>
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<td>11:01</td>
<td><strong>COST-EFFECTIVE SURGICAL APPROACHES TO COMMON DUCT STONES</strong></td>
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<td>Andreas Shamiyeh, Austria</td>
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<td>11:15</td>
<td><strong>GALLBLADDER POTPOURRI: ASYMMPTOMATIC GALLSTONES, GALLBLADDER POLYPS,</strong></td>
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<td><strong>PORCELAIN GALLBLADDER</strong></td>
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<td>Peter Schemmer, Austria</td>
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<td>11:29</td>
<td><strong>SAFE PERFORMANCE OF LAPAROSCOPIC CHOLECYSTECTOMY IN ACUTE CHOLECYSTITIS</strong></td>
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<td>Matthew Walsh, USA</td>
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<td>11:43</td>
<td><strong>DISCUSSION</strong></td>
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<tr>
<td>10:30</td>
<td><strong>IAES PETER HEIMANN LECTURE</strong></td>
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<td><strong>THYROID CANCER AND NUCLEAR ACCIDENTS</strong></td>
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<td>Introduction: Akira Miyauuchi, Japan</td>
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<td>Lecturer: Shunichi Yamashita, Japan</td>
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<td>followed by</td>
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<td>11:15</td>
<td><strong>IAES BUSINESS MEETING</strong></td>
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<td>President IAES: Akira Miyauuchi, Japan</td>
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<td>Secretary-Treasurer IAES: Janice L. Pasieka, Canada</td>
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International Surgical Week ISW 2022

Room: Forum

10:30-12:00  35  IATSIC / ASAP MAIN SESSION
STRATEGIES AND OUTCOME: DEPEND ON RESOURCE SITUATION
Moderators: Rochelle Dicker, USA
Alain Chichom Mefire, Cameroon

10:30
INTRODUCTION BY THE MODERATORS

10:33
PATIENT WITH SEVERE TBI
Alain Chichom Mefire, Cameroon vs Peep Talving, Estonia

10:58
SEVERE TORSO TRAUMA WITH PELVIC INJURY
Zsolt Balogh, Australia vs Amit Gupta, India

11:23
TRAUMATIC CARDIAC ARREST
Rifat Latifi, Kosovo/USA

11:40
UKRAINE: AN NGO THIS TIME
John Holcomb, USA

Room: Gardehalle I

10:30-12:17  36  BSI FREE PAPERS
BREAST SURGERY

10:30  36.01
HAEMOBLOCK HEMOSTATIC SUBSTANCE IN REDUCING SEROMA FORMATION POST AXILLARY LYMPH NODE DISSECTION FOLLOWING BREAST CONSERVING SURGERY
Mohamed Izzad Isahak 1, Nani Harlina 2, Rafis Ruzairee Awang 3, Nor Faezan 4, Seniyah Md Sikin 5, Shahrun Niza 5, Ro haizak Muhammad 4
1Universiti Teknologi Mara Medical Center, Puncak Alam / Selangor, 2Department of Surgery, University Kebangsaan Malaysia Medical Center, Cheras, Selangor, 3Department of Surgery, Hospital Kuala Lumpur, Kuala Lumpur, 4Department of Surgery, Universiti Teknologi Mara Medical Center, Puncak Alam / Selangor, 5Department of Surgery, Hospital Sultan Ismail, Johor Bahru, Malaysia

10:48  36.02
TOPICAL TRANEXAMIC ACID (TXA) REDUCES POSTOPERATIVE HEMATOMAS IN REDUCTION MAMMAPLASTIES
Kristztina Sipos 1, Susanna Kauhanen 1
1Plastic surgery, Helsinki University Central Hospital, Musculoskeletal and Plastic Surgery Department, Helsinki, Finland

11:06  36.03
NIPPLE AND AREOLA SPARING MASTECTOMY OF PTOTIC BREAST WITH IMMEDIATE IMPLANT RECONSTRUCTION
Anton Telishevskiy 1, Igor Chizh 1, Ivan Vinogradov 1, Vera Kolarkova 1
1PAVLOV FIRST SAINT PETERSBURG STATE MEDICAL UNIVERSITY, Saint-Petersburg, Russian Federation

11:24  36.04
THE IMPLEMENTATION OF NOVEL PATIENT FLOW ALGORITHMS AND THEIR ROLE IN REDUCING TREATMENT DELAYS: LESSONS FROM AN INTERNATIONALLY-ACCREDITED MULTIDISCIPLINARY BREAST UNIT IN SOUTH AFRICA
Cassandra Phillippa Taten da Mbanje 1, 2, Carol-Ann Benn 1, 2, Dominic Van Loggenberg 1, Nabeelah Hajat 1
1Breast Care Centre of Excellence, Netcare Milpark Hospital, 2Department of Surgery, Helen Joseph Hospital, Johannesburg, South Africa

11:44  36.05
RANDOMIZED CONTROLLED PHASE 3 TRIAL ON COMPARING EFFICACY AND SAFETY OF NEO-ADJUVANT CONCURRENT CHEMO-RADIATION WITH NEOADJUVANT CHEMOTHERAPY ALONE IN PATIENTS WITH LOCALLY ADVANCED BREAST CANCER.
Pooja Ramakant 1, Ganesh Bhat 2, Mrinalini Verma 1, Kul Ranjan Singh 2, Chanchal Rana 4, Anand Kumar Mishra 2
1Endocrine Surgery, KING GEORGES MEDICAL UNIVERSITY, LUCKNOW, INDIA, 2Endocrine Surgery, King Georges Medical University, 3Radiation Therapy, KGMU, 4Pathology, King Georges Medical University, LUCKNOW, India

12:00  36.06
EXPANDING APPLICABILITY OF SAME DAY MASTECTOMY: SAME DAY DISCHARGE IS SAFE FOR PATIENTS UNDERGOING MASTECTOMY WITH IMMEDIATE RECONSTRUCTION IN THE COMMUNITY SETTING
Alanna Hickey 1, 2, Tracy Kuck 1, 2, Diana Caraqa cianu 1, 2
1Surgery, Milford Regional Medical Center, Milford, 2Surgery, University of Massachusetts School of Medicine, Worcester, United States
### Room: Gartensaal

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<td>10:30-12:00</td>
<td>AWS MAIN SESSION</td>
<td>Kerstin Sandelin, Sweden, Elizabeth Shaughnessy, USA</td>
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<td>10:30</td>
<td>INTRODUCTION BY THE MODERATORS</td>
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<tr>
<td>10:33</td>
<td>EMBRACING FAILURES, OVERCOMING CHALLENGES</td>
<td>Hilary A. Sanfey, USA</td>
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<td>10:48</td>
<td>STAYING CONNECTED &amp; GETTING THE MESSAGE OUT</td>
<td>Aihnoa Costas-Chavarri, Rwanda</td>
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<td>11:03</td>
<td>CREATING A GLOBAL FOOTPRINT FOR YOUR ORGANIZATION</td>
<td>Deborah McNamara, Ireland</td>
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<td>11:18</td>
<td>GLOBE TROTTING FOR TRAINING/PRACTICE</td>
<td>Hiba Abdel Aziz, Spain</td>
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<td>Q&amp;A</td>
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<tr>
<td>10:30-11:15</td>
<td>IASMEN JOSÉ F. PATIÑO LECTURE</td>
<td>Anders Thorell, Sweden, David N. Herndon, USA</td>
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<td>MODULATION OF THE POST BURN HYPERCATABOLIC RESPONSE, NUTRITION DRUGS AND EXERCISE</td>
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<tr>
<td>11:15-12:00</td>
<td>IASMEN PRIZE SESSION</td>
<td>Ryoji Fukushima, Japan, Steven E. Wolf, USA, Olle Ljungqvist, Sweden</td>
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<td>BEST IASMEN FREE PAPERS</td>
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<td>11:15</td>
<td>TO COMPARE THE POST ESOPHAGECTOMY COMPLICATIONS IN ESOPHAGEAL CANCER PATIENTS RECEIVING PRE-OPERATIVE IMMUNO-NUTRITION V/S STANDARD NUTRITION</td>
<td>Lasya Reddy, Cherring Tandup, Liteswar Kaman, Arunanshu Behera, Jayanta Samanta, Satish S N</td>
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<tr>
<td>11:30</td>
<td>KETOSGENIC DIETS IN BREAST AND GYNECOLOGIC CANCERS PATIENTS</td>
<td>Diana Viorela Artene, Oncology Nutrition, MEDIKIN, Bucharest, Romania</td>
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<td>11:45</td>
<td>IMPACT OF THE COVID PANDEMIC ON HOME PARENTERAL NUTRITION.</td>
<td>Stawomir Bednarz, Krzysztof Korneta, Rustan Zavatsky, Andrzej L Komorowski</td>
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### Room: Zeremoniensaal

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<tr>
<td>12:15-13:15</td>
<td>ISDS GREY TURNER LECTURE</td>
<td>Lorenzo Ferri, Canada, Gunnar Loske, Germany</td>
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<td>NEGATIVE PRESSURE THERAPY IN THE TREATMENT OF UPPER GI PROBLEMS</td>
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**Room: Prinz Eugen Saal**

12:10-13:15  40  IAES LUNCHEON SESSION

**ENDOCRINE SURGICAL TUMOUR BOARD**

Moderators:  
Tracy S. Wang, USA  
Simon Harper, New Zealand

Board Panelists:  
Yasuhiro Ito, Japan; Amanda Laird, USA; Haggi Mazeh, Israel; Fausto Palazzo, UK; Peter E. Goretzki, Germany; Tsuneo Imai, Japan; Julie Miller, Australia; Paul Gauger, USA

**Room: Forum**

12:15-13:15  41  IATSIC / ASAP PRESIDENTIAL ADDRESS

Moderator:  
Scott K. D’Amours, Australia

12:15  IATSIC PRESIDENTIAL ADDRESS

Introduction:  
Scott K. D’Amours, Australia

President:  
Elimin Steyn, South Africa

12:45  ASAP PRESIDENTIAL ADDRESS

Introduction:  
Amit Gupta, India

President:  
Russell L. Gruen, Australia

12:15-13:15  42  CONGRESS

**Room: Gartensaal**

12:15-13:15  43  ISS/SIC FREE PAPERS

**MINIMAL ACCESS SURGERY**

Moderators:  
Hiroshi Yagi, Japan  
Owen Korn, Chile

12:15  43.01  KEYLOOP RETRACTOR FOR GASLESS LAPAROSCOPY: INITIAL FINDINGS FROM A PORCINE MODEL

Siddhesh Zadey 1 2*, Harold Leras 1, Aryaman Gupta 3, Arushi Biswas 4 5, Pierce Hollier 6, Robert Ssekitoleko 7 8, Jenna Mueller 9, Tamara Fitzgerald 1 5 and Amos Loh

1Department of Surgery, Duke University School of Medicine, Durham, United States, 2Association for Socially Applicable Research (ASAR), Pune, India, 3The Johns Hopkins University School of Medicine, Baltimore, 4Department of Biomedical Engineering, Pratt School of Engineering, Duke University, 5Duke Global Health Institute, 6Department of Neurobiology, Duke University School of Medicine, Durham, United States, 7Makerere University College of Health Sciences, 8Duke-Makerere University Biomedical Engineering Partnership, Kampala, Uganda, 9Fischell Department of Bioengineering, University of Maryland, College Park, United States

12:31  43.02  ROLE OF THORACOSCOPIC SURGERY FOR INTRATHORACIC FIRST RIB RESECTION IN THORACIC OUTLET SYNDROME

Ayman Kamal 1 2, Hatem Elgohary 1, Mohammed G. Abdulrahman 1, Karim Mostafa M. 1, Tarik A. A. Hassan 1

1General Surgery, Helwan University, Helwan, Egypt

12:47  43.03  THE ROLE OF LAPAROSCOPY IN SPONTANEOUS ASCITPERITONITES TREATMENT IN PATIENTS WITH LIVER CIRRHOSIS

Gheorghe Anghelici 1, Tatiana Zugarov 1 2*, Sergiu Pisarenco 1

1General Surgery, STATE UNIVERSITY OF MEDICINE AND PHARMACY "NICOLAE TESTEMIŢANU", Chisinau, Moldova, Republic of

13:03  43.04  COMPARATIVE STUDY BETWEEN GENERAL SURGEONS AND RESIDENTS IN GENERAL SURGERY IN LAPAROSCOPIC CHOLECYSTECTOMY

Tatiana Andrea Bernal 1 3, María Paula Navia 1, Jean Andre Pulido 1, Marcia Santafe 1, María Camila Castañeda 1, Luis Felipe Cabrera 1, Carlos José Peréz 1

1Medicine, Universidad El Bosque, Bogotá, Colombia

12:15-13:15  44  CONGRESS
Room: Zeremoniensaal

13:30-15:00  45  ISDS GENERAL ASSEMBLY  
(ISDS Members only)  

Room: Prinz Eugen Saal

13:30-14:20  46  IAES FREE PAPERS #4  
ENDOCRINE SURGERY  
Moderators: Herbert Chen, USA  
          Inga-Lena Nilsson, Sweden  

13:30  46.01  IMPACT OF FLUORO-CHOLINE PET/CT IN REDUCTION OF FAILED PARATHYROIDECTOMY  
Rijuta Aphale 1, Nishikant Damle 2, Sunil Chumber 1, Maroof Khan 3, Rajesh Khadgawat 4, Yamini Dharmashaktu 2, Shipra Agarwal 3, Chandrashekhar Bal 2  
1 DEPARTMENT OF SURGICAL DISCIPLINES, 2 DEPARTMENT OF NUCLEAR MEDICINE, 3 DEPARTMENT OF BIOSTATISTICS, 4 DEPARTMENT OF ENDOCRINOLOGY, 5 DEPARTMENT OF PATHOLOGY, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, New Delhi, India  

13:45  46.02  LABEL-FREE ENHANCEMENT OF ADRENAL GLAND VISUALIZATION USING NEAR INFRARED AUTOFLUORESCENCE FOR SURGICAL GUIDANCE  
Giju Thomas 1, Colleen M Kiernan 2,*, Parker A Willmon 1, Naira Baregamian 2, Amy N Luckenbaugh 3, Daniel A Barocas 3,*, Anita Mahadevan-Jansen 1, Carmen C Solorzano 2  
1 Biomedical Engineering, Vanderbilt University, 2 Division of Surgical Oncology and Endocrine Surgery, Department of Surgery, 3 Division of Urologic Oncology, Department of Surgery, Vanderbilt University Medical Center, Nashville, United States  

Discussant paper 46.02: Julie Miller, Australia  

14:05  46.03  PARATHYROIDECTOMY FOR NORMOCALCEMIC PRIMARY HYPERPARATHYROIDISM IMPROVES BONE MINERAL DENSITY REGARDLESS OF POST-OPERATIVE PARATHYROID HORMONE LEVELS  
Michael S Lui 1,*, Uriel Clemente-Gutierrez 1, Danica M Vodopivec 2, Shandel L Chang 3, Aditya S Shirali 1, Theresa A Guise 2, Paul H Graham 1, Nancy D Perrier 1  
1 Surgical Oncology, 2 Endocrine Neoplasia and Hormonal Disorders, The University of Texas MD Anderson Cancer Center, 3 McGovern Medical School at the University of Texas Health Science Center, Houston, United States  

followed by  

14:25-15:00  
IAES PRESIDENTIAL ADDRESS  
CHRONOLOGY OF THYROID CANCER  
Introduction: Iwao Sugitani, Japan  
Lecturer: Akira Miyachi, Japan  

Room: Forum

13:30-15:00  47  IATSIC MAIN SESSION  
TRAUMA RESUSCITATION: ALL THE ANSWERS I CAN GIVE YOU IN A FEW MINUTES?  
Moderators: Simon Robertson, Australia  
           Ross Davenport, UK  

13:30  INTRODUCTION BY THE MODERATORS  

13:33  UPDATE ON MECHANISMS AND DRIVERS IN TIC  
Ross Davenport, UK  

13:48  FRESH WHOLE BLOOD  
Martin Schreiber, USA  

14:00  PREHOSPITAL RESUSCITATION  
Anders Holtan, Norway  

14:12  THE GREATEST THREAT TO LIFE  
Simon Robertson, Australia  

14:24  TXA in TBI  
Martin Schreiber, USA
13:30-15:00 48 BSI FREE PAPERS & PRIZE
BEST PODIUM PRESENTATION / FREE PAPERS

Chairs: Jean-Francois Boileau, Canada
Owen A. Ung, Australia

13:30 48.01 COMPARISON OF CLINICAL OUTCOMES BETWEEN LOW- AND HIGH-RISK GROUPS OF EARLY BREAST CANCER PATIENTS TREATED WITH INTRAOPERATIVE RADIOTHERAPY: A MULTI-CENTRE PROSPECTIVE STUDY
Joanne Aisha Mosiun 1,*, Mee Hoong See 1, Li Ying Teh 1, Lee Lee Lai 2, Mahmoud Danaee 3, Char Hong Ng 4, Cheng-Har Yip 5, Mei Sze Teh 1, Nur Aishah Md Taib 1, Anita Bustam 6, Rozita Abdul Malik 6, Marniza Saad 6, Suniza Jamaris 1, Ngie Min Ung 6
1 Breast Surgery Unit, Department of Surgery, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia, 2 Department of Nursing, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia, 3 Department of Social and Preventive Medicine, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia, 4 Sunway Medical Centre, Bandar Sunway, Selangor, Malaysia, 5 Ramsay Sime Darby Health Care, Subang Jaya, Selangor, Malaysia, 6 Clinical Oncology Unit, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia

13:48 48.02 CONTEMPORARY NIPPLE SPARING MASTECTOMY TECHNIQUE TO REDUCE ISCHEMIC COMPLICATIONS: PRESERVING IMPORTANT BLOOD FLOW BASED ON BREAST MRI
Mardi R. Karin 1,*, Sunita Pal 2, Debra Ikeda 2, Arash Momeni 3
1 Surgery, 2 Radiology, 3 Plastic and Reconstructive Surgery, Stanford University, Palo Alto, California, United States

14:06 48.03 HEALTH-RELATED QUALITY OF LIFE AFTER BREAST RECONSTRUCTION: COMPARING OUTCOMES BETWEEN RECONSTRUCTION TECHNIQUES USING THE BREAST-Q
Charlotta Kuhlefelt 1,*, Paulina Hosmy 1, Tiina Jahkola 1, Susanna Kauhanen 1
1 Department of Plastic Surgery, Helsinki University Central Hospital, Helsinki, Finland

14:24 48.04 BENEFITS OF PECS BLOCK AS PART OF THE ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOL FOR BREAST CANCER SURGERY IN AN ASIAN INSTITUTION– A RETROSPECTIVE COHORT STUDY
Mei Sze Teh 1,*, Kavinya Diana 1, Tania Islam 1, Nur Aishah Mohd Taib 1, Zhi Yuan Beh 2, Woon Lai Lim 2
1 Surgery, 2 Anaesthesiology, University Malaya Medical Centre, Kuala Lumpur, Malaysia

14:42 48.05 PROGNOSTIC AND PREDICTIVE VALUE OF TUMOR INFILTRATING LYMPHOCYTES IN BREAST CANCER PATIENTS OF LOW-TO-MIDDLE INCOME COUNTRY
vishvak chanthar K.M.M. 1,*, shweta katiyar 2, niraj kumari 2, narendra krishnani 2, sabaretnam mayilvaganan 1, gyan chand 1, anjali mishra 1, gaurav agarwal 1
1 Endocrine and Breast Surgery, 2 Pathology, Sanjay Gandhi Postgraduate Institute of Medical sciences, Lucknow, India
13:30-15:04 49 ISS/SIC FREE PAPERS
GENERAL SURGERY 2
Moderators: Peter Vogelbach, Switzerland
Michael J. Hollands, Australia

13:30 49.01 A NEW OPTICAL BIOPSY TECHNIQUE FOR DETECTION OF AGANGLIONOSIS IN HIRSHPRUNG DISEASE BY USING RAMAN SPECTROSCOPY COMBINED WITH DEEP LEARNING
Katsuhiro Ogawa 1, Yusuke Oshima 2, Yuki Matsumoto 2, Kai Tamura 2, Shun Onishi 3, Tsuyoshi Etoh 1, Satoshi Ieiri 3, Masafumi Inomata 1
1Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine, Oita/Yufu, 2Graduate School of Science and Engineering, University of Toyama, Toyama, 3Department of Pediatric Surgery, Kagoshima University, Kagoshima, Japan

13:46 49.02 RISK FACTORS FOR DEVELOPING INTRA-ABDOMINAL ABSCESS AND THE NEED FOR LAPAROSCOPIC WASHOUT FOLLOWING APPENDICECTOMY FOR ACUTE APPENDICITIS: A RETROSPECTIVE COHORT STUDY
Brooke Perrin Mao 1, Geoff Collins 1 2, Femi E Ayeni 1 3, Daniel J Vagg 1 2
1Faculty of Medicine and Health, The University of Sydney, 2Department of Surgery, Nepean Hospital, 3Nepean Institute of Academic Surgery, Nepean Clinical School, Sydney, Australia

14:02 49.03 FLOATING ANUS DURING FOURNIER’S GANGRENE
Wilfredo Calderon 1
1Cirugía Plástica, Hospital del Salvador. Santiago. Chile, Santiago, Chile

14:18 49.04 FOURNIER'S GANGRENE: CHALLENGES IN DIAGNOSTIC, TREATMENT AND REHABILITATION. A REVIEW BASED ON THE EXPERIENCE OF A BASE HOSPITAL IN THE EXTREME SOUTH OF CHILE.
Claudio Rodrigo Quintana Rice 1 2 3, María Fernanda Deichler Vega 3, Victoria Vargas Vargas 2 3, Felipe Antonio Muñoz Caro 2, Franz Johannes Krautz Rojas 2, Camila Elizabeth Rojas Sanhueza 2
1Centro de Responsabilidad Unidad de Emergencias, Hospital Clínico de Magallanes, 2Escuela de Medicina, Universidad de Magallanes, 3Centro de Responsabilidad Quirúrgico, Hospital Clínico de Magallanes, Punta Arenas, Chile

14:34 49.05 IMPROVING MANAGEMENT FOR ACUTE CHOLECYSTITIS AND BILIARY PANCREATITIS – THE ‘HOT GALL BLADDER PATHWAY’
Kirosos Abdelsaid 1, Balaji Jayasankar 2, Dinesh Balasubramaniam 3
1Maidstone and Tunbridge Wells NHS trust, Maidstone, Kent, 2General Surgery, Maidstone and Tunbridge Wells NHS, 3General Surgery, Maidstone and Tunbridge Wells NHS trust, Tunbridge Wells, United Kingdom

14:49 49.06 TRANSPLANTATION OF BIOENGINEERED LIVER GRAFT WITH DECELLULARIZATION TECHNIQUE IMPROVED LIVER FUNCTION IN A PRECLINICAL LIVER FAILURE MODEL.
Hisanobu Higashi 1, Hiroshi Yagi 1, Masayuki Tanaka 1, Shutaro Hori 1, Yasushi Hasegawa 1, Yuta Abe 1, Minoru Kitago 1, Yuka Kitagawa 1
1Department of Surgery, KEIO UNIVERSITY, SCHOOL OF MEDICINE, Tokyo, Japan

13:30-15:00 50 ASAP GENERAL ASSEMBLY
(ASAP Members only)

15:30-17:00 51 ISDS MAIN SESSION
HPB MALIGNANT
Moderators: James O. Park, USA
Oliver Strobel, Austria
Minoru Tanabe, Japan

15:30 INTRODUCTION BY THE MODERATORS

15:33 STATE OF THE ART: CURRENT ASIAN APPROACH TO SURGICAL MANAGEMENT OF HCC
Minoru Tanabe, Japan

15:51 PANCREATIC CYSTIC NEOPLASMS: WHEN TO RESECT?
Matthew Walsh, USA

16:09 MANAGEMENT OF OLIGOMETASTATIC PANCREAS ADENOCARCINOMA

isw2022.org
16:27
Jakob Izbicki, Germany

STRATEGIES FOR MANAGEMENT OF COLORECTAL LIVER METASTASES
James O. Park, USA

16:45
DISCUSSION

15:30-17:00  52  CONGRESS

Room: Forum

15:30-17:00  53  IATSIC / ISDS / ISS/SIC STATE OF THE ART SESSION
THE CHALLENGING ABDOMINAL WALL
Moderators: Scott K. D’Amours, Australia
           Hermann Kessler, USA

15:30
INTRODUCTION BY THE MODERATORS

15:33
WHEN THE NIGHTMARE BECOMES TRUE: MANAGEMENT OF ENTEROATMOSPHERIC FISTULAE
Marco E. Allaix, Italy

15:51
COMPLEX ABDOMINAL WALL RECONSTRUCTIONS AND THE POTENTIAL PHYSIOLOGIC CHALLENGES
Christine Gaarder, Norway

16:09
THE PARASTOMAL HERNIA: DOES THE OPTIMAL STRATEGY EXIST?
Hermann Kessler, USA

16:27
ACS AND THE OPEN ABDOMEN: FOLLOW UP AND FUNCTIONAL RECOVERY
Ari K. Leppäniemi, Finland

16:45
Q/A DISCUSSION

Room: Gardehalle I

15:30-17:00  54  BSI DEBATES
BREAST SURGERY
Moderators: Owen A. Ung, Australia
           Stephanie Kacerovsky-Strobl, Austria

15:30
INTRODUCTION BY THE MODERATORS

15:33
LEVEL 2 ADVANCED ONCOPLASTIC SURGERY AND FLAPS SHOULD BE DONE WITH PLASTIC SURGEONS
- PROS
Rupert Koller, Austria

- CONS
Elisabeth Elder, Australia

15:57
THE AXILLA OF EVERY BREAST CANCER PATIENT SHOULD BE IMAGED WITH ULTRASOUND AND SUSPICIOUS NODES SHOULD BE BIOPSIED
- PROS
Andreas Brezina, Austria

- CONS
Gaurav Agarwal, India

16:21
TARGETED AXILLARY NODE DISSECTION (TAD) SHOULD ALWAYS BE DONE IN NODE POSITIVE BREAST CANCER PATIENTS POST NEOADJUVANT THERAPY
- PROS
Ines Buccimazza, South Africa

- CONS
Michael Douek, UK

16:45
DISCUSSION
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<td>15:30-17:00</td>
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<td>15:30-16:15</td>
<td>56  IASME EXECUTIVE COMMITTEE MEETING</td>
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<td>16:15-17:00</td>
<td>IASME BUSINESS MEETING</td>
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Wednesday, 17 August 2022

Room: Zeremoniensaal

07:15-08:15 57 ISDS FREE PAPERS
GENERAL SURGERY
Moderators: Alessandro Fichera, USA
Jamie Murphy, UK
Lorenzo Ferri, Canada

07:15 57.01 INTRAVENOUS LOCAL ANESTHETIC COMPARED WITH INTRAPERITONEAL LOCAL ANESTHETIC IN LAPAROSCOPIC COLECTOMY: A DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL
Wiremu Macfater 1, Weisi Xia 1, Ahmed Barazanchi 1, Nicholas Lightfoot 2, Maree Weston 3, Darren Svirskis 4, Andrew G Hill 1
1Surgery, THE UNIVERSITY OF AUCKLAND, Auckland, New Zealand

07:23 57.02 A PROSPECTIVE COMPARATIVE STUDY OF MESH FIXATION IN LAPAROSCOPIC TEPP INGUINAL HERNIA REPAIR USING TACKER VS CYANOACRYLATE(FEVIKWIK) VS FIBRIN GLUE
Arvind KUMAR Shukla 1, ADITI SHARMA 1, DEEPIKA UIKE 1
1SURGERY, MGM MEDICAL COLLEGE, INDORE, INDORE, India

07:31 57.03 EXPERIENCE OF THE OPERATING SURGEON AND ITS LINK TO SURGICAL OUTCOMES FOLLOWING EMERGENCY APPENDECTOMY – AN INTERNATIONAL MULTICENTRE SNAPSHOT STUDY
Rebecka Ahl Hulme 1, Nathalie Young 1, Maximilian Forssten 2, Éanna Ryan 3, Hayato Kurihara 4, Matti Tolonen 5, Shahin Mohseni 6, Gary Bass 7 and SnapAppy Group
1Department of Surgery, Karolinska University Hospital, Stockholm, 2Department of Orthopaedic Surgery, Örebro University Hospital, Örebro, Sweden, 3Department of Surgery, Tallaght University Hospital, Dublin, Ireland, 4Emergency Surgery and Trauma, Humanitas Research Hospital, Milan, Italy, 5Department of Surgery, Helsinki University Hospital, Helsinki, Finland, 6Department of Surgery, Örebro University Hospital, Örebro, Sweden, 7Division of Traumatology, Emergency Surgery & Surgical Critical Care, University of Pennsylvania, Philadelphia, United States

07:39 57.04 THE RISK OF INFLAMMATORY BOWEL DISEASE AFTER BARIATRIC SURGERY
Ali Kiasat 1, Anna Löf Granström 1, Erik Stenberg 2, Ulf O Gustafsson 1, Richard Marsk 1
1Karolinska Institutet, Stockholm, 2Faculty of Medicine and Health, Örebro University, Örebro, Sweden

07:47 57.05 ANALYSIS OF FACTORS PREDICTING COMPLICATED APPENDECITIS
Pratibha Dhubhadel 1, Kishor Manandhar 2
1Surgery, Bhaktapur Hospital, Bhaktapur, 2Surgery, Bir Hospital, Kathmandu, Nepal

07:55 57.06 DOES LAPAROSCOPIC APPENDECTOMY IN ASIA TRANSlate INTO LESS ANALGESICS AND FASTER RETURN TO WORK?
Reyaz Singaporewalla 1, Anil Rao 1, Daryl Tan 2
1General Surgery, Khoo Teck Puat Hospital, 2Medicine, Lee Kong Chian School of Medicine, SINGAPORE, Singapore

08:03 57.07 COST-EFFECTIVENESS OF ANTIBIOTIC USE IN UNCOMPLICATED DIVERTICULITIS IN A PRAGMATIC DOUBLE-BLIND RANDOMIZED TRIAL
Su Mei Hoh 1,2, Rebekah Jaung 2, Sameer Bhat 2, Luke Henry 3, Richard Edlin 4, Greg O'Grady 5, Ian Bissett 6
1Department of Surgery, Auckland City Hospital, Auckland District Health Board, 2University of Auckland, 3Auckland City Hospital, Auckland District Health Board, 4School of Population Health, 5Department of Surgery, University of Auckland, Auckland, New Zealand

07:15-08:15 58 CONGRESS

Room: Forum

07:15-08:15 59 IATSIC DONALD D. TRUNKEY LECTURE
THE PARADIGM OF EDUCATION IN THE 21ST CENTURY: ARE WE TRAINING TO FAIL?
Moderators: Manjul K. Joshipura, India
Selman Uranues, Austria
Lecturer: Kenneth D. Boffard, South Africa
Room: Gardehalle

07:15-08:00  60  BSI SESSION

OncotypeDX USE IN NODE NEGATIVE AND NODE POSITIVE BREAST CANCER
Jean-François Boileau, Canada

Room: Gartensaal

07:15-08:18  61  ISS/SIC FREE PAPERS

SEPSIS
Moderators: Manfred Prager, Austria
Jorge Rojas, Chile

07:15  61.01  PREDICTING OF POSTOPERATIVE MORTALITY IN CASES OF ABDOMINAL SEPSIS FOR TWO SURGICAL STRATEGIES USING A NEW MATHEMATICAL MODEL: TWO CENTERS REVIEW OF A 10 YEARS’ EXPERIENCE WITH THE SAME DIAGNOSTIC AND TACTICAL APPROACHES TO THE TREATMENT
Igor A. Kryvoruchko, Alexander S. Olefir, Nikolai A. Sykal
Kharkiv National Medical University, Kharkiv, Ukraine

07:31  61.02  THE EFFECT OF VARYING PERIOPERATIVE OXYGEN SUPPLEMENTATION TO REDUCE THE INCIDENCE OF SITE INFECTIONS IN PATIENTS UNDERGOING ELECTIVE MAJOR ABDOMINAL SURGERIES - A RANDOMIZED CONTROL STUDY
Niladri Mohan Raypattanaik, Lileswar Kaman, Cherring Tandup, Kailash Chand Kurdia, Yashwant Raj Sakaray, Ishwar Bhukal, Kamal Kajal and Department of General Surgery And Department of Anaesthesia and Intensive Care
General Surgery, Anaesthesia & Intensive Care, POST GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH, CHANDIGARH, INDIA, Chandigarh, India

08:03  61.04  ASSESSMENT OF THE SEVERITY OF PATIENTS WITH GENERALIZED INTRA-ABDOMINAL INFECTION: AN EMPHASIS ON THE PREDICTIVE VALUE OF REDUCING ABDOMINAL PERFUSION PRESSURE IN THE COMPLEX TREATMENT OF PATIENTS
Igor A. Kryvoruchko, Alexander S. Olefir
Kharkiv National Medical University, Kharkiv, Ukraine

07:15-08:15  62  CONGRESS

Room: Zeremoniensaal

08:30-10:00  63  ISS/SIC LLOYD M. NYHUS PRIZE SESSION

BEST ISS/SIC ABSTRACTS
Moderators/
Jury: John G. Hunter, USA
Kenneth D. Boffard, South Africa
Cheng Har Yip, Malaysia

08:30  63.01  DIAPHRAGMATIC PERITONECTOMY FOR OVARIAN CANCER
Andrzej L Komorowski, Krzysztof Korneta, Paweł Blecharz
Department of Surgery, College of Medicine, University of Rzeszow, Rzeszow, Department of Gynecology, National Cancer Centre, Krakow, Poland

08:46  63.02  THE SURGEON’S ‘GUT FEELING’ IN PREDICTING OUTCOMES OF EMERGENCY LAPAROTOMY
Upper GI Surgery, Royal North Shore Hospital, Sydney, Australia, Surgery, University of Auckland, Auckland, Orthopaedic Surgery, Palmerston North Hospital, Palmerston North, ORL, Middlemore Hospital, Orthopaedic Surgery, North Shore Hospital, General Surgery, Middlemore Hospital, General Surgery, Auckland City Hospital, Auckland, New Zealand
EFFECTS OF THE SHORT STITCH TECHNIQUE FOR MIDLINE ABDOMINAL CLOSURE ON INCISIONAL HERNIA: RESULTS FROM THE RANDOMISED-CONTROLLED ESTOIH TRIAL
René H. Fortelny 1,* and ESTOIH study group; René H. Fortelny, Markus Albertsmeier, Petra Baumann, Stefan Riedl, Claudia Reisensohn, Jan Ludolf Kewer, Jessica Hoelderle, Andreas Shamiyeh, Bettina Klugsberger, Theo David Maier, Guido Schumacher, Ferdinand Köckerling, Ursula Pess
1General, Visceral and Oncological Surgery, Klinik Ottakring, Vienna, Austria

EVALUATION OF DRAIN INSERTION AFTER APPENDECTOMY FOR COMPLICATED APPENDICITIS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF 17 STUDIES.
Ali Yasen Y Mohamedahmed 1,* and SJDA surgical research collaborative group
1General surgery, Sudan Medical Specialization Board, Khartoum, Sudan

PREGNANCY CURRICULUM FOR SURGERY RESIDENTS: A FIRST STEP IN PROTECTING OUR TRAINEES
Hélène Midoli Sterbling 1,*, Arielle P Stafford 2, Colleen H Kelly 1, Shawna Willey 3, Jonathan Dort 1
1General Surgery, Inova Health Systems, Falls Church, 2Breast Surgery, Mayo Clinic, Rochester, 3Breast Surgery, Inova Health Systems, Falls Church, United States

A TIME TREND ANALYSIS OF 5,000 ROBOTIC THYROIDECTOMIES VIA BILATERAL AXILLO-BREAST APPROACH
Junghak Kwak 1,2, Jong-hyuk Ahn 2, Hyeong Won Yu 1,2, Su-jin Kim 1,2,4, Young Jun Chai 1,5, June Young Choi 1,3, Kyu Eun Lee 1,2,4,6
1Department of Surgery, Seoul National University College of Medicine, 2Department of Surgery, Seoul National University Hospital, Seoul, 3Department of Surgery, Seoul National University Bundang Hospital, Seongnam, 4Cancer Research Institute, Seoul National University College of Medicine, 5Department of Surgery, Seoul National University Boramae Medical Center, 6Medical Big Data Research Center, Institute of Medical Biological Engineering, Seoul, Korea, Republic Of

THE PROGNOSTIC IMPACT OF EXTENT OF VASCULAR INVASION IN FOLLICULAR THYROID CARCINOMA
David Leong 1, Anthony Gill 2, John Turchini 3, Anthony Glover 1,*, Roderick Clifton-Bligh 4, Mark Sywak 1, Stan Sidhu 1
1Endocrine and Surgical Oncology, 2Anatomical Pathology, Royal North Shore Hospital, 3Anatomical Pathology, Douglass Hanly Moir Pathology, 4Endocrinology, Royal North Shore Hospital, New South Wales, Australia

PATIENT ANXIETY DURING ACTIVE SURVEILLANCE FOR LOW-RISK PAPILLARY THYROID MICROCARCINOMA IS RELIEVED AFTER 5 YEARS: A PATIENT-REPORTED OUTCOME STUDY WITH LONG TERM FOLLOW-UP
Hiroko Kazusaka 1,*, Iwao Sugitani 1, Kazuhisa Toda 2, Masaomi Sen 1, Marie Saito 1, Ryuta Nagaoka 1, Yusaku Yoshida 3
1Department of Endocrine Surgery, Nippon Medical School Hospital, 2Division of Head and Neck, Cancer Institute Hospital, 3Department of Endocrine Surgery, Tokyo Women’s Medical University, Tokyo, Japan

FERROPTOSIS INDUCERS IN THYROID CANCER
Naira Baregaminian 1,*, Konjeti R Sekhar 1, David N Hanna 1, Sriram J Cyr 1
1Surgery, Vanderbilt University Medical Center, Nashville, United States

ICG ANGIOGRAPHY-GUIDED THYROIDECTOMY IMPROVES IMMEDIATE AND LONG-TERM PARATHYROID GLAND FUNCTION
Pablo Moreno Llorente 1,2, Arantxa García Barrasa 1, Mireia Pascua Solé 1, José Luis Muñoz de Nova 2
1Endocrine Surgery Unit, Hospital Universitari de Bellvitge, Barcelona, 2General Surgery, Hospital Universitario de la Princesa, Madrid, Spain
Room: Forum

08:30-10:00  65  APIMSF / IATSIC MAIN SESSION  BACK to Overview
GLOBAL TRAUMA CHALLENGES: THE RESPONSE OF INTERNATIONAL AGENCIES
Moderators:  Kosala M. Somaratne, Sri Lanka
            Mark W. Bowyer, USA

08:30  INTRODUCTION BY THE MODERATORS

08:33  TRAINING FOR AUSTERE ENVIRONMENT
Jennifer Gurney, USA

08:45  OPTIMIZING TRAINING FOR FUTURE TRAUMA SURGEONS
Eduard C.T.H.Tan, Netherlands

08:57  MILITARY AND HUMANITARIAN: CAN THE MILITARY DO BOTH?
Daya Ratnayake, Sri Lanka

09:09  PREPARING SURGEONS TO COMPETENTLY MANAGE TRAUMA
Mark W. Bowyer, USA

WORLD ARMIES IN BATTLE WITH COVID
- GERMANY
  Horst-Peter Becker, Germany
- SRI LANKA
  Shavendra Silva, Sri Lanka

09:45  DISCUSSION

Room: Gardehalle I

08:30-09:00  66  BSI PRESIDENTIAL ADDRESS  BACK to Overview
Introducer:  Owen A. Ung, Australia
President:  Gaurav Agarwal, India

followed by

09:00–10:00  BSI UMBERTO VERONESI LECTURE
THE ROLE OF THE BREAST SURGEON IN FUTURE INNOVATION AND PATIENT CARE
Introducer:  Gaurav Agarwal, India
Lecturer:  Michael Gnant, Austria

Room: Gartensaal

08:30-10:00  67  ASAP PRIZE SESSION  BACK to Overview
BEST ASAP FREE PAPERS
Moderators:  Russell L. Gruen, Australia
            Manjul Joshipura, India

08:30  67.01  EQUITY AND INCLUSION FOR GLOBAL COLLABORATION IN RESEARCH AND EDUCATION REQUIRE HYBRID SURGICAL CONFERENCES
Margaret Tarpley 1,2,*, JOHN L. TARPLEY 2,3
1MEDICAL EDUCATION, UNIVERSITY OF BOTSWANA, GABORONE, Botswana, 2surgery, VANDERBILT, NASHVILLE, United States, 3surgery, PAN-AFRICAN ACADEMY OF CHRISTIAN SURGEONS, KIJABE, Kenya

08:44  67.02  CATASTROPHIC EXPENDITURE AND IMPOVERISHMENT AFTER CAESAREAN SECTION IN SIERRA LEONE: AN EVALUATION OF THE FREE HEALTH CARE INITIATIVE
Alex J. van Duinen 1,2,*, Thomas Ashley 3,4, Lars Hagander 5, Hampus Holmer 6, Andrew J. M. Leather 7, Almamy P. Koroma 3,8, Mark G. Shrim 9, Håkon A. Bolkan 1,2
1Department of Surgery, St Olav's Hospital, Trondheim University Hospital, 2Institute of Clinical and Molecular Medicine, Norwegian University of Science and Technology, Trondheim, Norway, 3Ministry of Health and Sanitation, 4Department of Surgery, Connaught Hospital, Freetown, Sierra Leone, 5Centre for Surgery and Public Health, Clinical Sciences Lund, Skåne University Hospital, Lund University, Lund, 6Department of Global Public Health, Karolinska Institutet, Stockholm, Sweden, 7King’s Centre for Global Health & Health Partnerships, King’s College London, London, United Kingdom, 8Department of
08:30-10:00  68  ISS/SIC FREE PAPERS
ETHICS / WORKFORCE
Moderators:  Andrew G. Hill, New Zealand
Martin Montenovo, USA

08:30  68.01  FEMALE MEDICAL STUDENTS AND A CAREER IN SURGERY - A SYSTEMATIC REVIEW
Melbourne Mauiliu-Wallis 1,2, Brittany Park 1, James Jin 1, Hanson Unasa 1, Andrew Hill 1, Michelle Locke 1
1Surgery, University of Auckland, Auckland, New Zealand

08:46  68.02  ADDRESSING KNOWLEDGE GAPS IN SURGICAL SAFETY CHECKLIST USE: A STATISTICAL PROCESS ANALYSIS OF A SURGICAL QUALITY IMPROVEMENT PROGRAM IN ETHIOPIA
Maia R Nofal 1,2, Nichole Starr 2,3, Tihtena Negussie Mammo 2,4, Amber Trickey 5, Nataael Gebeyehu 2,6, Senait Bitew Alemu 2, Thomas G Weiser 2,5
1Department of Surgery, Boston Medical Center, Boston, 2Lifebox Foundation, New York, 3Department of Surgery, University of California, San Francisco, San Francisco, United States, 4Department of Surgery, Addis Ababa University, Addis Ababa, Ethiopia, 5Department of Surgery, Stanford University, Palo Alto, United States, 6Department of Surgery, St. Peter's Specialized Hospital, Addis Ababa, Ethiopia

09:02  68.03  WOMEN INVOLVEMENT IN GENERAL SURGERY IN COLOMBIA: A DEEP VIEW IN LATIN-AMERICAN REALITY
Maria Paula Forero 1,2, Luis Felipe Cabrera 1, Lilian Torregrosa 2, Valentina Noguera 1, Mauricio Pedraza 1, Paula Ferrada 3 and Semillero de Investigación en Cirugía y Subespecialidades de la Universidad El Bosque
1Semillero de Investigación en Cirugía General y Subespecialidades, Universidad El Bosque, 2Pontificia Universidad Javeriana, 3Semillero de Investigación en Cirugía General y Subespecialidades, Bogotá D.C, Colombia

09:18  68.04  ANALYTIC STUDY ON BEHAVIOR OF SUPERSPECIALITY TRAINEES TOWARDS YOUNG FACULTY DURING THYROIDECTOMY
Sabaretam Mayilvaganan 1,2, Sarrah Idrees 1, PRK Bhargav 1, VNSSVAMS Mahalakshmi 1, Sapana Bothra 1, Aromal c 1, Amit Agarwal 1
ENVIRONMENTALLY SUSTAINABLE SURGERY: WASTE PRODUCTION IN GENERAL SURGERY
Lucia Romano 1,*, Antonio Giuliani 1
1University of L'Aquila, L'Aquila, Italy

Room: Zeremoniensaal
10:30-12:00  69  ISS/SIC US CHAPTER LECTURE OF THE AMERICAN COLLEGE OF SURGEONS ACS GLOBAL SURGERY PARTNERSHIPS AND EDUCATION
Introduction: Raymond R. Price, USA
Lecturer: Fiemu Nwariaku, USA

Room: Prinz Eugen Saal
10:30 –12:10  70  IAES PANEL SESSION SCIENTIFIC (MIS)CONDUCT AND THE CARE OF SURGICAL PATIENTS
Moderators: Peter Angelos, USA
Geoffrey B. Thompson, UAE
10:30
INTRODUCTION
Peter Angelos USA
10:33
FABRICATION OF DATA: WHAT CAN WE LEARN FROM THE KAROLINSKA SCANDAL?
Jan V. Zedenius, Sweden
10:49
PUBLISH OR PERISH: QUALITY OVER QUANTITY?
Carmen C. Solorzano, USA
11:05
IS IRB APPROVAL NECESSARY FOR INNOVATIVE SURGICAL TECHNIQUES? HOW MUCH DATA IS NEEDED? HOW MUCH DISCLOSURE DO PATIENTS NEED ABOUT THE NOVELTY OF A TECHNIQUE?
Jonathan Serpell, Australia
11:21
HOW DOES SCIENTIFIC INTEGRITY IMPACT OUR RELATIONSHIPS WITH OUR PATIENTS AND WITH INDUSTRY?
Linwah Yip, USA
11:37
WHO IS RESPONSIBLE FOR POLICING SCIENTIFIC INTEGRITY? THE JOURNALS, THE INSTITUTIONS, THE PROFESSIONAL BODIES, OR IS IT UP TO EACH OF US...?
Julie Ann Sosa, USA
11:55
DISCUSSION

Room: Forum
10:30-12:00  71  IATSIC / ASAP MAIN SESSION TRAUMA SYSTEMS, ADVOCACY & DIVERSITY
Moderators: Lee Wallis, Switzerland
Russell L. Gruen, Australia
Charles N. Mock, USA
10:30
INTRODUCTION BY THE MODERATORS
10:33
WHO ROLE IN TRAUMA CARE WORLDWIDE
Lee Wallis, Switzerland
10:40
WHAT HiCs HEALTH CARE CAN LEARN FROM LMIC
Sherry M. Wren, USA
10:47
IMPLEMENTING TRAUMA SYSTEMS IN A DIVERSE LATIN AMERICA
Maria Jimenez, Colombia
10:54
STRENGTHENING TRAUMA SYSTEMS GLOBALLY
Charles N. Mock, USA
11:01
HOW TO RECRUIT TO TRAUMA AND EMERGENCY SURGERY GLOBALLY
Jonathan Tilsed, UK
11:08
DISCUSSION
### Room: Gardehalle

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<td>BS MAIN SESSION</td>
<td>High Risk Patients</td>
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<td>INTRODUCTION BY THE MODERATORS</td>
<td>Kerstin Sandelin, Sweden</td>
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<td>Christian Singer, Austria</td>
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<td>10:33</td>
<td>EPIDEMIOLOGY AND SCREENING OF PATIENTS WITH HIGH RISK OF BREAST CANCER</td>
<td>Mikael Hartman, Singapore</td>
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<td>10:51</td>
<td>CHALLENGES OF GENETIC TESTING AND RISK REDUCING SURGERY IN LOW AND MIDDLE INCOME</td>
<td>S.V.S. Deo, India</td>
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<td>11:09</td>
<td>PHYLLODES TUMORS OF THE BREAST</td>
<td>Ipshita Prakash, Canada</td>
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<td>11:27</td>
<td>EXERCISE ONCOLOGY</td>
<td>Jay K. Harness, USA</td>
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<td>ISDS / FELAC / ISS/SIC STATE OF THE ART SESSION</td>
<td>Treatment of Common GI Pathology Across the Globe</td>
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<td>INTRODUCTION BY THE MODERATORS</td>
<td>Alessandro Fichera, USA</td>
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<td>Italo Braghetto, Chile</td>
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<td>10:33</td>
<td>ACHALASIA</td>
<td>Fernando A. Herbella, Brazil</td>
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<td>10:51</td>
<td>COMMON BILE DUCT STONE</td>
<td>Eduardo E. Montalvo-Jave, México</td>
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<td>11:09</td>
<td>ACUTE PANCREATITIS</td>
<td>Albert Tuchmann, Austria</td>
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<td>11:27</td>
<td>WHAT IS THE BEST APPROACH TO OBSTRUCTED COLON CANCER</td>
<td>Raul Cutait, Brazil</td>
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10:30-12:00 74  ISBI FREE PAPERS BURNS
Moderators: David Greenhalgh, USA
Naiem Moiemen, UK

10:30 74.01 CHARACTERISTICS OF WOUND AND BUCCAL SWABS FROM DIFFERENT BURN WOUND LOCATIONS
Edward J Kelly 1, Mary A Oliver 1, Bonnie C Carney 1, John W Keyloun 1, Justin Wright 4, Regina Lamendella 4, Lauren T Moffatt 1, Jeffrey W Shupp 1, 2, 3
1Firefighter's Burn and Surgical Research Laboratory, Medstar Washington Hospital Center, 2Surgery and Biochemistry, Georgetown University School of Medicine, 3Surgery, Medstar Washington Hospital Center, Washington, DC, 4Contamination Source Identification, LLC, Huntingdon, PA, United States

10:45 74.02 REVISITING “DONOR-FREE” SKIN REPLACEMENT WITH FULL-THICKNESS SKIN MICRO-COLUMNS WITHIN A DERMAL MATRIX
Pamela Rudnicki 1, 2,*, Anders Carlsson 3, 4, Rodney Chan 4, 5
1Department of Plastic Surgery, University of Alabama at Birmingham, Birmingham, AL, 2Department of the Air Force, JBSA Randolph, TX, 3United States Army Institute of Surgical Research, 4Metis Foundation, 5STARS Plastic Surgery, San Antonio, TX, United States

11:00 74.03 THE METABOLIC RESPONSE TO SEVERE INJURY
David N Herndon 1,*, Joan Wilson, MSN, MHA, RN 1
1Burn Research, Joseph M. Still Research Foundation, Inc., Augusta, United States

12:15-13:15 75  ISS/SIC GENERAL ASSEMBLY
ISS/SIC Members only

13:30-14:30 81  ISDS GRASSI PRIZE SESSION
BEST ISDS ABSTRACTS
Moderators: Jamie Murphy, UK
Alessandro Fichera, USA
Hiroyuki Konno, Japan

13:30 81.01 A RANDOMIZED CONTROLLED TRIAL TO COMPARE THE EFFICACY OF INTRAPERITONEAL INSTILLATION OF LEVO-BUPIVACAINE WITH LIDOCAINE FOR POST-OPERATIVE PAIN RELIEF IN PATIENTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY
Aishwainee V.G 1,*, Kumar Nishant 1, Varun Kumar Singh 1
1General Surgery, Central Referral Hospital, Sikkim Manipal Institute of Medical Sciences, Gangtok, India

13:42 81.02 CHILDHOOD APPENDICITIS AND FUTURE RISK OF INFLAMMATORY BOWEL DISEASE - A NATION-WIDE COHORT STUDY IN SWEDEN 1973-2017
Ali Kiasat 1,*, Lucas Ekström 1, Richard Marsk 1, Anna Lof Granstrom 1, Ulf O Gustafsson 1
1Karolinska Institutet, Stockholm, Sweden

13:54 81.03 DIAGNOSTIC IMAGING OR OBSERVATION IN EARLY EQUIVOCAL APPENDICITIS (DIAMOND) – AN OPEN-LABEL, RANDOMISED CONTROLLED TRIAL
Kirsi Serenella Lastunen 1,*, Panu Mentula 1, Ari Leppanieni 1
1University of Helsinki, 2Department of Gastrointestinal Surgery, Helsinki University Hospital, Helsinki, Finland

14:06 81.04 SYSTEMATIC REVIEW AND METAANALYSIS ON PREOPERATIVE COMBINED MECHANICAL AND ORAL ANTIBIOTIC BOWEL PREPARATION FOR PREVENTING COMPLICATIONS IN ELECTIVE COLORECTAL SURGERY
Maria Andrea Willis 1,*, Joerg C Kalff 1, Stefan Post 2, Joerg J Meerpohl 3, 4, Tim Oliver Vilz 1
1Department of General, Visceral, Thorax and Vascular Surgery, University Hospital Bonn, Bonn, 2Formerly Department of Surgery, University Hospital Mannheim, University Hospital Mannheim, Mannheim, 3Cochrane Germany, 4Institute for Evidence in Medicine, MedicalCenter – University of Freiburg, Freiburg, Germany

14:18 81.05 CAN TARGETING SPHINCTER SPASM REDUCE POST-HAEMORRHOIDECTOMY PAIN? A SYSTEMATIC REVIEW AND META-ANALYSIS
James Jin 1,*, Hanson Unasa 1, Praharsh Bahl 1, Melbourne Mauiliu-Wallis 1, Darren Svirskis 2, Andrew
Hill 1
1South Auckland Clinical Campus, 2Faculty of Medical and Health Sciences, The University of Auckland, Auckland, New Zealand

Followed by

14:45-15:45 ISDS KITAJIMA PRIZE SESSION
BEST ISDS ABSTRACTS
Moderators: Jamie Murphy, UK
Alessandro Fichera, USA
Hiroyuki Konno, Japan

14:45 81.06 ESTABLISHMENT OF A ‘BEYOND TOTAL MESORECTAL EXCISION’ SURGICAL SERVICE – THE IMPERIAL COLLEGE LONDON EXPERIENCE.
Saidah Sahid 1,*, Jasvinder Daurka 2, Richard Gibbs 3, Norma Gibbons 4, David Hrouda 4, George Reese 1, Anne Moutadiger 1, Jamie Murphy 1
1General Surgery and Colorectal Surgery, 2Trauma and Orthopaedic Surgery, 3Vascular Surgery, 4Urology, Imperial College Healthcare NHS Trust, London, United Kingdom

14:57 81.07 INTEGRATED MOLECULAR CHARACTERIZATION OF INTRADUCTAL PAPILLARY MUCINOUS NEOPLASMS
Alexander Semaan 1 2*, Vincent Bernard 3, James J Lee 4, Philipp Lingohr 2, Hanno Matthaei 2, Jörg C Kalf 2, Anirban Maitra 1, Paola A Guerrero 1
1Translational Molecular Pathology, The University of Texas MD Anderson Cancer Center, Houston, United States, 2Department of General, Visceral, Thoracic and Vascular Surgery, University Hospital of Bonn, Bonn, Germany, 3Radiation Oncology, The University of Texas MD Anderson Cancer Center, Houston, 4Department of Surgical Oncology, Cedars Sanai Medical Center, Los Angeles, United States

15:09 81.08 STRATIFICATION OF OVERALL SURVIVAL AFTER CURATIVE RESECTION OF COLORECTAL LIVER METASTASES THROUGH ARTIFICIAL INTELLIGENCE.
Iakovos Amygdalos 1*, Gustav Anton Müller-Franzes 2, Andreas Lambertz 1, Tom Florian Ulmer 1, Christiane Kuhl 2, Ulf Peter Neumann 1, Daniel Truhn 2, Sven Arke Lang 1
1General, Visceral and Transplantation Surgery, 2Diagnostic and Interventional Radiology, University Hospital RWTH Aachen, Aachen, Germany

15:21 81.09 SIGNET RING GASTRIC CARCINOMA: PARTICULARITIES IN CLINICAL-PATHOLOGICAL FEATURES AND PROGNOSIS. A 5-YEAR FOLLOW-UP RETROSPECTIVE STUDY.
Urânia Fernandes 1*, Gonçalo Guidi 1, Daniela Martins 1, Bruno Baião Vieira 1, Clara Leal 1, Rita Marques 1, Herculano Moreira 1, João Pinto-de-Sousa 1
1General Surgery, Centro Hospitalar de Trás-os-Montes e Alto Douro, Vila Real, Portugal

15:33 81.10 MESENTERIC RECURRENCE OF COLON CANCER: EVIDENCE FOR THE UTILISATION OF ONCOLOGIC COMPLETE MESOCOLIC EXCISION
Tara M Connelly 1*, Leonardo DeCastro Duras 1, Cillian Clancy 1, Ju Yong Cheong 1, Michael A. Valente 1, Scott R Steele 1, Hermann Kessler 1
1Colorectal Surgery, Cleveland Clinic, Cleveland, United States

Room: Prinz Eugen Saal
13:30-15:00 82 IAES MAIN SESSION
HIGHLIGHTING BASIC SCIENCE IN ENDOCRINE SURGERY
Moderators: Martha A. Zeiger, USA
Stanley B. Sidhu, Australia

13:30 INTRODUCTION BY THE MODERATORS

13:33 APPLICATION OF GENOMICS TO ADVANCED THYROID CANCER MANAGEMENT
Anthony R. Glover, Australia

13:51 CHARACTERIZATION AND IMPACT OF TGF-ß TREATMENT ON THYROID STEM CELLS
Nani Harlina Latar, Malaysia

14:09 ORGANOID MODELS OF ADRENOCORTICAL CARCINOMA
Priya Dedhia, USA

14:27 TARGETED THERAPY FOR ADRENOCORTICAL CANCER
Naris Nilubol, USA

14:45 DISCUSSION
Room: Forum

13:30-15:00  83  APIMSF MAIN SESSION
NEW DEVELOPMENTS IN MILITARY SURGERY
Moderators: Kosala Somaratne, Sri Lanka
            Kenan Yusif-zade, Azerbaijan

13:30  INTRODUCTION BY THE MODERATORS

13:33  LODOX FOR FINDING FRAGMENTS: A WHOLE BODY X-RAY IN 13 SECONDS
Kenneth D. Boffard, South Africa

13:47  THE SMART EDUCATIONAL PLATFORM FOR MILITARY SURGERY TRAINING
TBA

14:01  INCREASING SURVIVAL IN EARLY HOURS: TACTICAL COMBAT CASUALTY PLANNING (TCCP)
Kosala Somaratne, Sri Lanka

14:15  WHOLE BLOOD FOR TRAUMA PATIENTS IN PRE-HOSPITAL ARENA
Avi Benov, Israel

14:29  REINTRODUCTION OF PHAGE THERAPY IN MILITARY MEDICINE
Christian Willy, Germany

14:43  DISCUSSION

Room: Gardehalle I

13:30-15:00  84  IASSS MAIN SESSION
THE GREAT DEBATÉ: SURGICAL SPECIALTY SHOWDOWN
Moderators: Shadé Breedt, South Africa
            Jessica Davies, South Africa

13:30  INTRODUCTION BY THE MODERATORS

13:33  TRAUMA
Christine Gaarder, Norway

13:51  BREAST
Gaurav Agarwal, India

14:09  COLORECTAL SURGERY
Tonia Young-Fadok, USA

14:27  ENDOCRINE SURGERY
Julie Ann Sosa, USA

14:45  DISCUSSION

Room: Gartensaal

13:30-15:00  85  ISS/SIC FREE PAPERS
GENERAL SURGERY 3
Moderators: Fernando A. Herbella, Brazil
            Hilary A. Sanfey, USA

13:30  85.01  APRI+ALBI AND VON WILLEBRAND FACTOR SHOW TUMOR SPECIFIC DIFFERENCES IN THE
PREDICTIVE POTENTIAL FOR POSTOPERATIVE PATIENT OUTCOME AFTER LIVER RESECTION
Anna Emilia Kern 1,*, Jonas Santol 1, David Pereyra 1, Florian Primavesi 2, Stefan Staettner 2, Thomas
Gruenberger 3, Patrick Starlinger 1 4
1Department of General Surgery, Division of Visceral Surgery, Medical University of Vienna, General
Hospital of Vienna, Vienna, 2Department of Surgery, Clinic Salzkammergut, Voelcklabruck, 3Department
of Surgery, Clinic Favoriten, 4Department of Surgery, Division of Hepatobiliary and Pancreatic Surgery,
Mayo Clinic, Vienna, Austria

13:46  85.02  BRAIN METASTASIS INCIDENCE IN GASTRO-ESOPHAGEAL CANCER: A META-ANALYSIS
Marwan-Julien Sleiman 1,*, Mickeal Chevallay 1, Ziad Abbassi 1, Minoa Jung 1, Christian Tosó 1, Stefan
Mönig 1
1Visceral Surgery, University Hospital of Geneva, Geneva, Switzerland

14:02  85.03  COST-UTILITY ANALYSIS OF ANTIBIOTIC THERAPY VERSUS APPENDICEC-TOMY FOR ACUTE
UNCOMPLICATED APPENDICITIS
1King's College London, 2Imperial College London, London, University of Manchester, Manchester, United Kingdom.

14:18 85.04 THE EFFICACY OF HEMOGLOBIN SPRAY IN WOUND MANAGEMENT: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS OF COMPARATIVE STUDIES
Chumpon Wilasrusmeee, Chairat Supsamutchai, Jakrapan Jirasitham, Napaphat Poprom, Chaowanun Pornwaragorn, Suthas Horsirimanont.
1Surgery, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand.

14:34 85.05 SQUAMOUS CELL CARCINOMA ARISING IN THE EPIDERMOID CYSTS: NARRATIVE REVIEW AND CLINICAL IMPLICATIONS OF 100 CASES
Marina Barron, Abdalla Saad Abdalla, Amira Asaad.
1Accident & Emergency Medicine, South West Acute Hospital, Enniskillen, 2Breast Unit, Basildon, Anglia Ruskin University, Chelmsford, University College London Hospital, London, United Kingdom.
Room: Schatzkammersaal

13:30-16:30  86  ISS/SIC / G4 ALLIANCE MEETING

ACHIEVING SURGICAL EXCELLENCE THROUGH EVIDENCE-BASED QUALITY IMPROVEMENTS INITIATIVES IN LMICS: STRATEGIES FOR SCALING UP ACCESS, QUALITY AND SAFETY IN SURGICAL OBSTETRICS, TRAUMA AND ANESTHESIA CARE

Chairs:
- Andrew G. Hill, New Zealand
- Jaymie Henry, USA
- John G. Hunter, USA
- Cheng Har Yip, Malaysia

13:30

REFRESHMENTS

14:00

WELCOME ADDRESS BY THE CHAIR
Cheng Har Yip, Malaysia

14:06

OPERATIVE CARE, UHC, AND HEALTH SYSTEMS STRENGTHENING
Teri Reynolds, Switzerland

14:11

THE G4 ALLIANCE-INTERNATIONAL SOCIETY OF SURGERY (ISS/SIC) INTERNATIONAL STANDARDS AND GUIDELINES FOR QUALITY SAFE SURGERY AND ANESTHESIA (ISG-QSSA) WORKING GROUP: PROCESS AND OUTPUTS
Jaymie Henry, USA; Andrew G. Hill, New Zealand

14:18

EVIDENCE-BASED STRATEGIES TO IMPROVE ACCESS, AVAILABILITY, QUALITY AND SAFETY IN SURGICAL, OBSTETRIC, TRAUMA AND ANESTHESIA CARE
James Jin, New Zealand

14:25

REGIONAL RESPONSE AND ACTION
- ASIA PACIFIC
  - Andrew G. Hill, New Zealand
- THE AMERICAS
  - Ruben Ayala, Africa, EMRO, EURO
  - Emmanuel Ameh, Nigeria

14:34

THE IMPORTANCE OF INTERNATIONAL STANDARDS AND GUIDELINES IN IMPROVING THE QUALITY AND SAFETY OF SOTA CARE IN LMICS BASED ON MALAYSIA’S EXPERIENCE
Hisham Abdullah, Malaysia

14:49

THE DAKAR DECLARATION: THE ROAD TO INCREASED SURGICAL QUALITY AND SAFETY IN THE AFRICAN REGION BY 2030
Emmanuel Ameh, Nigeria

15:00

THE ROLE OF INTERNATIONAL SOCIETY OF SURGERY IN IMPLEMENTATION
John G. Hunter, USA

15:10

GLOBAL SURGICAL RAILS: A GLOBAL ROADMAP FOR AFFORDABILITY, ACCESS, AVAILABILITY AND INCREASING SURGICAL QUALITY AND SAFETY IN LMICS
Lye-Yeng Wong, USA

15:45

LAUNCH OF THE SUVA GUIDELINES FOR QUALITY SAFE SURGERY, OBSTETRIC, TRAUMA AND ANESTHESIA CARE: THE 11 BEST PRACTICE RECOMMENDATIONS
John G. Hunter, USA; Cheng Har Yip, Malaysia

15:40

DISCUSSION
John G. Hunter, USA; Cheng Har Yip, Malaysia; Andrew G. Hill, New Zealand; Jaymie Henry, USA

16:25

CONCLUSIONS AND CLOSING STATEMENTS
Andrew G. Hill, New Zealand

Room: Zeremoniensaal

16:00-17:00  87  ISDS VIDEOS

DIGESTIVE SURGERY

Moderators:
- Norihito Wada, Japan
- April C. Roslani, Malaysia

16:00  87.01  CRITICAL VIEW OF SAFETY IS VALUABLE IN PREVENTING IATROGENIC INJURY TO MAJOR ABERRANT ARTERIES DURING LAPAROSCOPIC CHOLECYSTECTOMY
Nitin Vashistha 1, Siddharth Singhal 1, Dinesh Singhal 1

1Department of Surgical Gastroenterology, Max Super Specialty Hospital, Saket, New Delhi, India
87.02 LAPAROSCOPIC RESECTION OF A RETROPERITONEAL SCHWANNOMA – VIDEO PRESENTATION AND LITERATURE REVIEW
Joao Pedro Araujo Teixeira1, Virgilia Gomes1, Diana Baptista2, Sara Castanheira Rodrigues1, Marinho Almeida1, Miguel Andrade Almeida1, Luís Graça1, Elisabete Barbosa1
1General Surgery, 2Department of Histopathology, Centro Hospitalar Universitário São João - Porto, Portugal, Porto, Portugal

87.03 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH SEPARATE LIGATION OF ILEOCOLIC ARTERY AND VEIN AT ORIGIN: A USEFUL TECHNIQUE FOR SAFE MESENTERY RESECTION FOR ILEOCOLIC CROHN’S DISEASE
Nitin Vashistha1, Siddharth Singhal1, Dinesh Singhal1
1Department of Surgical Gastroenterology, Max Super Specialty Hospital, New Delhi, India

87.04 RESECTION OF A GIANT RECTAL LATERALLY SPREADING TUMOR USING TAMIS
Felipe Celedón1, Alessandro Sturiale2, Rene Rojas3, Gabriele Naldini2, Mariangel Flores1, Sebastián Uribe1
1Coloproctology, Hospital Clínico de la Fuerza Aérea de Chile, Santiago, Chile, 2Coloproctology, Azienda Ospedaliero Universitaria Pisana, Pisa, Italy, 3Gastroenterology, Clínica INDISA, Santiago, Chile

87.05 ROBOTIC POSTERIOR PELVIC CLEARANCE IN LOCALLY ADVANCED RECTAL CANCER
Saumya Singh1, Chelliah R. Selvasekar2
1Surgery (General), KGMU Lucknow, Lucknow, India, 2Colorectal, Pelvic and Peritoneal Surgery, The Christie NHS trust, Manchester, United Kingdom

Room: Prinz Eugen Saal
15:30 - 17:15 88 IAES CASE BASED ROUND TABLE DISCUSSIONS BACK to Overview
SOME NEW, EXCITING AND READY FOR "REALTIME" ADVANCES IN ENDOCRINE SURGERY

15:30 THYROID NODULE ABLATIVE TECHNIQUES
Moderator: Mark S. Sywak, Australia
Panelists: Jennifer Kuo, USA; Erivelto Volpi, Brazil; Rajeev Parameswaran, Singapore

16:15 FLUORESCENCE-BASED PARATHYROID DETECTION AND PERFUSION ASSESSMENT
Moderator: Fredrick Triponez, Switzerland
Panelists: Colleen Kiernan, USA; Aimee Di Marco, UK; Jesse D. Pasternak, Canada

17:00 IAES CLOSING REMARKS
Jan V. Zedenius, Sweden
In-Coming President of IAES

Room: Forum
15:30-17:00 89 IATSIC MAIN SESSION BACK to Overview
SOCIAL MEDIA IN TRAUMA AND EDUCATION: USE AND ABUSE - ETHICAL ASPECTS
Moderators: Hayato Kurihara, Italy
Antonio Marttos, USA
Reuben Masia, South Africa

15:30 INTRODUCTION BY THE MODERATORS

15:33 WHAT DO WE MEAN BY SOCIAL MEDIA?
Reuben Masia, South Africa

15:43 SOCIAL MEDIA IN HEALTH CARE: OPPORTUNITIES
Hayato Kurihara, Italy

15:53 SOCIAL MEDIA IN HEALTH CARE: DANGERS
Susan I. Brundage, UK

16:03 BEST PRACTICE GUIDELINES
Bruno Pereira, Brazil

16:13 WEB-BASED EDUCATION IN TRAUMA IN THE FUTURE
Antonio Marttos, USA
16:23 MY VISION FOR THE FUTURE IN TRAUMA
Shadé Breedt, South Africa

16:33 HOW TO BECOME MEDICO-LEGAL WISE IN TRAUMA
Frank Plani, South Africa

16:43 DISCUSSION
Followed by

17:30-18:30 IATSIC BUSINESS MEETING
IATSIC Members only

Room: Gardehalle I
15:30-17:00 90 IASSS MAIN SESSION
SCALPEL TO SCOPE: SURGERY IN A NEW ERA
Moderators: Sulé Burger, South Africa
TBA
INTRODUCTION BY THE MODERATORS
Speakers: Kenneth D. Boffard, South Africa
Susan Hill, UK

Room: Gartensaal
15:30-17:00 91 IASMEM / FELAC MAIN SESSION
NUTRITION IN CRITICAL ILLNESS
Moderators: Ho-Seong Han, South Korea
David Velazquez-Fernandez, Mexico

15:30 INTRODUCTION BY THE MODERATORS

15:33 MUSCLE WASTING IN CRITICALLY ILL PATIENTS
Kensuke Nakamura, Japan

15:47 SCREENING OF PREOPERATIVE PATIENTS
José Antonio Ruy-Diaz, Mexico

16:01 PERIOPERATIVE NUTRITION IN UPPER GASTROINTESTINAL MALIGNANCY
Jaime Rappoport, Chile

16:15 UPDATE ON IMMUNONUTRITION FOR SURGICAL PATIENTS
Jose Ignacio Díaz-Pizarro, Mexico

16:29 NUTRITIONAL CARE IN BURN PATIENTS
Steven E. Wolf, USA

16:43 DISCUSSION

Room: Schatzkammersaal
17:00-18:00 92 BSI BUSINESS MEETING
BSI Members & Guests
### Thursday, 18 August 2022

**Room: Zeremoniensaal**

<table>
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| 07:15-08:15 | **IASMEN / ISDS MAIN SESSION**  
ENHANCED RECOVERY AFTER SURGERY (ERAS)  
Moderators: Ho-Seong Han, South Korea  
            Lorenzo Ferri, USA  
07:15 | **INTRODUCTION BY THE MODERATORS**  
07:18 | **ERAS FOR COLORECTAL SURGERY**  
Tonia M. Young-Fadok, USA  
07:28 | **ERAS FOR BARIATRIC SURGERY**  
Anders Thorell, Sweden  
07:38 | **ERAS FOR HPB GASTROINTESTINAL SURGERY**  
Do-Joong Park, South Korea  
07:48 | **REHABILITATION: IS IT IMPORTANT FOR ERAS?**  
Lorenzo Ferri, Canada  
07:58 | **PANEL DISCUSSION AND QUESTIONS**  

### Room: Forum

<table>
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| 07:00-08:20 | **IATSIC FREE PAPERS**  
TRAUMA SURGERY  
Moderators: Tarek Razek, Canada  
            Amit Gupta, India  
07:00 | **LONG TERM QUALITY-OF-LIFE, DISABILITY AND FRAILTY AFTER EMERGENCY LAPAROTOMY**  
Ahmed Barazanchi, Sameer Bhat, Wiremu MacFater, Weisi Xia, Andrew MacCormick, Ashish Tanuja, Andrew Graham Hill  
1Upper GI Surgery, Royal North Shore Hospital, Sydney, Australia,  
2Surgery, UNIVERSITY OF AUCKLAND, Auckland,  
3General Surgery, Palmerston North Hospital, Palmerston North,  
4ORL, Middlemore Hospital,  
5Orthopaedic Surgery, North Shore Hospital,  
6General Surgery, Middlemore Hospital,  
7General Surgery, Auckland City Hospital, Auckland, New Zealand  
07:09 | **UTILIZATION OF TORSO IMAGING FOR THE EVALUATION OF GROUND LEVEL FALLS AT A LEVEL 1 TRAUMA CENTER: MORE IMAGING DOES NOT EQUAL BETTER CARE**  
Max Zhu, Shamsh P Shaikh, Mollie O'Brien, Tejal S Brahmbhatt, Christina LeBedis, Dane Scantling, Sunday Clark, Sabrina E Sanchez  
1Boston University School of Medicine,  
2Trauma,  
3Radiology, Boston Medical Center, Boston, United States  
07:15-08:15 | **CONGRESS**  
BACK to Overview  
07:18 | **PREVENTABILITY OF INJURY-RELATED DEATHS AT FOUR HOSPITALS IN CAMEROON: A SYSTEMATIC APPROACH TO TRAUMA QUALITY IMPROVEMENT**  
Dennis Jialin Zheng, Lidwine Nsen Mbuh, Siane Mary Magdalene Tanjong, S Ariane Christie, Rasheedat Oke  
1on behalf of Program for the Advancement of Surgical Equity,  
2University of California, Los Angeles, Los Angeles, United States,  
3Faculty of Health Sciences, University of Buea, Buea, Cameroon,  
4Department of Trauma and Acute Care Surgery, University of Pittsburgh Medical Center, Pittsburgh, United States  
07:27 | **SIGNIFICANTLY INCREASED BONE VOLUME BY A VASCULAR PEDICLED PERIOSTEAL FLAP IN A DIAPHYSEAL CRITICAL-SIZED DEFECT (CSD) MODEL IN THE RAT ANIMAL MODEL.**  
Christian Deininger, Maximilian Wenzel, Thomas Freude, Andreas Traweger, Andrea Wagner, Amelie Deluca, Valeksa Hofmann, Florian Wichlas  
1Institute of Tendon and Bone Regeneration,  
2University Clinic for Orthopedics and Traumatology, Paracelsus Medical University, Salzburg, Austria,  
3BG Trauma Centre, Department of Trauma and Reconstructive Surgery, University of Tübingen, Tübingen, Germany  
07:36 | **AN AUGMENTED REALITY PROCEDURAL TRAINING CURRICULUM MAY BE SUPERIOR TO TRADITIONAL TRAINING METHODS**  

isw2022.org
07:45  95.06  SELF-PERCEIVED PREPAREDNESS AND TRAINING NEEDS OF HEALTHCARE PERSONNEL ON HUMANITARIAN MISSION: A PRE- AND POST-DEPLOYMENT SURVEY
Frederike Haverkamp1, Tristan van Leest2, Måns Muhrbeck3,4,5, Rigo Hoencamp6,7,8,9, Andreas Wladis3,4, Edward Tan1
1Department of Surgery, 2Department of Anesthesiology, Radboudumc, Nijmegen, Netherlands, 3Center for Disaster Medicine and Traumatology, Linköping, 4Department of Biomedical and Clinical Sciences, 5Department of Surgery, Linköping University, Norrköping, Sweden, 6Department of Surgery, Erasmus Medical Center, Rotterdam, 7Department of Surgery, Leiden University Medical Center, Leiden, 8Department of Surgery, Alrijne Medical Center, Leiderdorp, 9Defence Healthcare Organization, Utrecht, Netherlands

07:54  95.07  POLYTRAUMA WITH TRAUMATIC BRAIN INJURY: DOES VENO-VENOUS EXTRACORPOREAL LIFE SUPPORT HAVE A ROLE?
Andriy Batchinsky1,2, Brendan Beely1, Daniel Wendorff1, Ryley Zapien1, Z. Hunter Allen1, Cassandra Niemeyer1, George Harea1, Teryn Roberts1
1Autonomous Reanimation and Evacuation Research Program, The Geneva Foundation, San Antonio, TX, United States

08:03  95.08  ASSESSING ACHIEVEMENT OF KEY PERFORMANCE INDICATORS DURING INITIAL ASSESSMENT AND CARE OF INJURED PATIENTS AT GHANAIAN NON-TERTIARY HOSPITALS
Adam Gyedu1, Emmanuel Quainoo2, Emmanuel Nakua2, Peter Donkor2, Charles Mock3
1Surgery, 2KWAME NKUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, Kumasi, Ghana, 3Surgery, University of Washington, Seattle, United States

08:12  95.09  STUDY COMPARING CONTRAST ENHANCED COMPUTED TOMOGRAPHY ABDOMEN WITH DIAGNOSTIC LAPAROSCOPY IN PATIENTS WITH PENETRATING ABDOMINAL TRAUMA: A RANDOMIZED CONTROLLED TRIAL
Supreeta Kaur1,2, Dinesh Bagaria3, Abhinav Kumar2, Pratyusha Priyadarshini2, Narender Choudhary1, Amit Gupta2, Subodh Kumar2
1General Surgery, All India Institute of Medical Sciences, Jodhpur, India, Jodhpur, 2Division of Trauma Surgery and Critical Care, Department of Surgical Disciplines, All India Institute of Medical Sciences, New Delhi, India
07:15-08:15 97 ISW 2024 PROGRAM COMMITTEE MEETING
Program Planners ISW 2024, Kuala Lumpur, Malaysia

07:15-08:15 98 CONGRESS

Room: Zeremoniensaal
08:30-10:00 99 ISDS MAIN SESSION
LGI MALIGNANT
Moderators: Jamie Murphy, UK
Hideo Baba, Japan
April C. Roslani, Malaysia

08:30
INTRODUCTION BY THE MODERATORS

08:33
STATE OF ART: WATCH AND WAIT FOR RECTAL CANCER
April C. Roslani, Malaysia

08:51
TOTAL NEO ADJUVANT THERAPY FOR RECTAL CANCER
A. Sender Liberman, Canada

09:09
SURGICAL MANAGEMENT OF LOCALLY ADVANCED / RECURRENT RECTAL CANCER
Jamie Murphy, UK

09:27
HOW TO DO COMPLETE MESOCOLIC EXCISION AND WHY
Hermann Kessler, USA

09:45
MDT FOCUSING IN MULTI MODAL MANAGEMENT OF STAGE 4 COLORECTAL CANCER
CASE PRESENTATIONS WITH SHORT COVER OF EVIDENCE FOR: MAINTENANCE CHEMOTHERAPY, LIVER RESECTION, RE-TREAT RADIOTherAPY, LOCALLY ADVANCED / RECURRENT RECTAL CANCER, CYTOREDUCTIVE SURGERY, ETC.

Room: Prinz Eugen Saal
08:30-10:00 100 ISS/SIC FREE PAPERS
SURGICAL EDUCATION 1
Moderators: Kenneth D. Boffard, South Africa
Hirotoshi Kikuchi, Japan

08:30 100.01 INDIAN SURGERY TRAINEE’S PERSPECTIVE ON SURGICAL ERGONOMICS PRINCIPLES AND EDUCATION: A LONG ROAD AHEAD
Sanjay Kumar Yadav 1, Geeta Lai 2, Chandan Kumar Jha 3, Claudia Corwin 2, Barbara Vangorp 2, Chitresh Kumar Sharma 4 and Surgical Ergonomics Interest Group of India
1NSCB Medical College, Jabalpur, Jabalpur, India, 2University of Iowa, Iowa, United States, 3AIIMS, Patna, 4AIIMS, Bilaspur, India

08:46 100.02 A SURGICAL GATEWAY: A CHANCE FOR INTERESTED STUDENTS TO GET TO KNOW THEIR DESIRED CAREER.
Mai Deyaeldin Mohamed Mahmoud 1, on behalf of Academic societies initiative, Tagwa Elser Mohamed Babiker 1, Alaa Salah 1, Tibyan noorallah mohamed 1, Salma Salah khalid Alrawa 1, Israa Khalid Eltayeb Ahmed 1, Arwa Babiker 1 and Academic Societies Initiative
1University of Khartoum, Khartoum, Sudan

09:02 100.03 THE VERY BEGINING OF LEARNING SURGICAL TECHNIQUE
Alexander Lemeschewskij 1, Volha Raznitsyna 2
1Surgical, Belarusian State Medical University, Minsk, 2Mogilev City Hospital #1, Mogilev, Belarus

09:18 100.04 EXTRACTIONg THE TACTILE INFORMATION OF SURGERY WITH A PARTICIPANT-BASEd STUDY
Marine Shao 1,2, David Huson 1, Carinna Parraman 1, James Clark 2
1CFPR, UWE, Bristol, 2Royal Cornwall Hospitals NHS Trust, Truro, United Kingdom

09:34 100.05 EFFECTS OF THE CORONAVIRUS PANDEMIC ON MEDICAL AND SURGICAL EDUCATION: RESULTS OF AN INTERNATIONAL SURVEY BY THE INTERNATIONAL ASSOCIATION OF STUDENT SURGICAL SOCIETIES (IASSS)
Helena Franco 1,2, Eimear Kirby 1, Sulé Burger 2, Danyca Shadé Breedt 2
1Orthopaedics, Royal Brisbane and Women's Hospital, Brisbane, Australia, 2International Association of Student Surgical Societies, Cape Town, South Africa
### ISBI MAIN SESSION

**BURN CRITICAL CARE: RELEVANCE WITH ANY SURGICAL CRITICAL CARE**
Moderators: David Greenhalgh, USA  
Folke Sjoberg, Sweden

**08:30**  
**INTRODUCTION BY THE MODERATORS**

**08:33**  
**INITIAL RESUSCITATION: COLLOID VERSUS CRYSTALLOID**  
David Greenhalgh, USA

**08:47**  
**VENTILATOR MANAGEMENT: FROM SMOKE INHALATION INJURY TO ARDS**  
Folke Sjoberg, Sweden

**09:01**  
**ACUTE KIDNEY INJURY: EARLY DIALYSIS OR LATE**  
Athina Lavrentieva, Greece

**09:15**  
**TREATING THE WOUND: LESSONS FROM BURNS**  
Naem Moiemen, UK

**09:29**  
**ANTICOAGULATION: WHAT IS THE BEST PROPHYLAXIS IN BURNS?**  
David Harrington, USA

**09:43**  
**DISCUSSION**

### BSI / AWS MAIN SESSION

**CALLING ALL BREAST SURGEONS**
Moderators: Cheng Har Yip, Malaysia  
Christine Laronga, USA

**08:30**  
**INTRODUCTION BY THE MODERATORS**

**08:33**  
**DELIVERING QUALITY WITH LIMITED RESOURCES**  
Ipshita Prakash, Canada

**08:48**  
**GLOBAL DIFFERENCES IN BREAST CANCER CARE (WHEN TO OMIT SLN, BLUE DYE VS ISOTOPE, APBI, OPERATIVE CHOICES GENETICS TESTING, ROBOTIC NSM)**  
Susan Pories, USA

**09:03**  
**GLOBAL AND CULTURAL DIFFERENCES IN BREAST RECONSTRUCTION**  
Farrah-Hani Imran, Malaysia

**09:18**  
**THE GLOBAL BREAST CANCER INITIATIVE**  
Benjamin O. Anderson, USA

**09:33**  
**DISCUSSION**

### FELAC / ISS/SIC STATE OF THE ART SESSION

**MANAGEMENT OF COMPLEX DISEASES: GLOBAL SURGERY**
Moderators: Samuel Shuchleib, Mexico  
Jorge Ortiz de la Peña, Mexico

**08:30**  
**INTRODUCTION BY THE MODERATORS**

**08:33**  
**ADVANCED GASTRIC CANCER**  
William Sanchez, Colombia

**08:45**  
**MANAGEMENT OF LONG SEGMENT BARRETT´S ESOPHAGUS**  
Francisco Schlottmann, Argentina

**08:57**  
**LAPAROSCOPIC HEPATIC RESECTION**  
Marcelo Ribeiro, Brazil

**09:09**  
**MANAGEMENT OF ACUTE COMPLICATED APPENDICITIS**  
Luis Bustamante, Bolivia

**09:21**  
**MANAGEMENT OF DIFFUSE PERITONEAL CARCINOMATOSIS**  
Fernando Arias, Colombia
09:33 PERIANAL COMPLEX FISTULA
Rodrigo Azolas, Chile

09:45 DISCUSSION

Room: Schatzkammersaal

08:30-10:00 104 IASMEN MAIN SESSION
IMPROVING METABOLISM IN SURGICAL CARE
Moderators: Anders Thorell, Sweden
Olle Ljungqvist, Sweden
Dileep N. Lobo, UK

08:30 INTRODUCTION BY THE MODERATORS

08:33 CANCER METABOLISM
Naomi Nakayama, Japan

08:51 METABOLIC SUPPORT OF THE PATIENT WITH CANCER
Andrew G. Hill, New Zealand

09:09 OPTIMAL NUTRITIONAL THERAPY AFTER GASTRIC CANCER SURGERY
Ryoji Fukushima, Japan

09:27 REDUCING MORBIDITY AFTER CANCER SURGERY
Ho-Seong Han, South Korea

09:45 DISCUSSION

Room: Zeremoniensaal

10:30-12:00 105 ISDS MAIN SESSION
SOLID ORGAN TRANSPLANTATION
Moderators: Martin Montenovo, USA
Go Wakabayashi, Japan
Stefan Schneeberger, Austria

10:30 INTRODUCTION BY THE MODERATORS

10:33 BRAIN DEAD DONOR MANAGEMENT AND TECHNIQUE FOR PROCUREMENT
Martin Montenovo, USA

10:51 LIVER TRANSPLANTATION BEYOND HCC
Martin Montenovo, USA

11:09 THE UTILIZATION OF EXTENDED CRITERIA DONORS IN LIVER TRANSPLANTATION
David Gerber, USA

11:27 TRANSPLANT FOR GLYCEMIC CONTROL
Chirag S. Desai, USA

11:45 Q&A/DISCUSSIONS

Room: Prinz Eugen Saal

10:30-12:00 106 ISS/SIC FREE PAPERS
SURGICAL EDUCATION 2
Moderators: Gerd Jomrich, Austria
Hisham Abdullah, Malaysia

10:30 106.01 MINIMALLY INVASIVE SURGERY (MIS) TRAINING IN A HIGH-INCOME COUNTRY (HIC)
PROGRAM FOR LOW–MIDDLE-INCOME COUNTRY (LMIC) SURGEONS
Diego Andres Zambrano 1 2 3 4 *, Ramiro Cavallos 1, Christian Pais 1, Jacques Marescaux 5, Didier Mutter 2 5 6, Patrick Pessaux 2 5 6, Antonio D’Urso 2 5, Guillaume Philouze 2 5 and AAA-IRCAD Program study group
1AAA-IRCAD Program, Association Alsace Andes (AAA), 2Department of General, Digestive, and Endocrine Surgery, Nouvel Hôpital Civil, Université de Strasbourg, Strasbourg, France, 3School of Medicine, Universidad Espíritu Santo de Ecuador, Samborondón, 4Surgical Oncology, National Institute of Oncology - SOLCA, Guayaquil, Ecuador, 5Institut de Recherche Contre les Cancers de l’Appareil Digestif (IRCAD), 6IHU-Strasbourg, Institute of Image-Guided Surgery, Strasbourg, France
A PROSPECTIVE STUDY OF ERGONOMIC CHALLENGES FOR THE ASSISTANT SURGEON DURING MINIMAL ACCESS SURGERY
anandan prem kumar 1, 2
1General and minimal access surgery, Bangalore medical college and research institute, Bangalore, India

EXPERIENCES USING VIDEOS TO COMPLEMENT STRUCTURED ORAL EXAMINATIONS IN SURGERY
Karin Jeanne Baatjes 1, Jenny Edge 1, Ilna Conradie 1, 2, Elize Archer 2
1Surgery, 2Centre for Health Professions Education, Stellenbosch University, Cape Town, South Africa

UTILIZING EYE TRACKER TECHNOLOGY AS A NEW TOOL TO ENHANCE QUALITY OF LEARNING: A STEP FORWARD IN SURGICAL EDUCATION
Anandan Prem Kumar 1, 2
1General and minimal access surgery, Bangalore medical college and research institute, Bangalore, India

TRAUMA TEAM TRAINING – A MIXED METHODS STUDY EVALUATING THE EFFECT OF A MULTIDISCIPLINARY MASTERCLASS ON TRAUMA MANAGEMENT SKILLS AND ITS INTEGRATION INTO NOVEL WORK SITUATIONS
Frederike Haverkamp 1, Idris Rahim 1, Rigo Hoencamp 2, 3, 4, 5, Lia Fluit 6, Kees Van Laarhoven 1, Edward Tan 1
1Department of Surgery, Radboudumc, Nijmegen, 2Department of Surgery, Alrijne Medical Centre, Leiderdorp, 3Department of Surgery, Erasmus Medical Center, Rotterdam, 4Defence Healthcare Organization, The Hague, 5Department of Surgery, Leiden University Medical Centre, Leiden, 6Radboudumc Health Academy, Nijmegen, Netherlands

APIMSF PRESIDENTIAL ADDRESS
Introduction: TBA
President: Kosala M. Somaratne, Sri Lanka
followed by
APIMSF GENERAL ASSEMBLY

WHAT’S (XXX) GOT TO DO WITH IT?
Moderators: Chen Har Yip, Malaysia
Christine Laronga, USA

AGE: COMMUNICATING ACROSS GENERATIONAL GAP IN SURGERY?
Amanda Amin, USA

GENDER: DIFFERENCES IN PATIENT OUTCOMES BASED ON SURGEONS’ GENDER/PATIENT EXPECTATION
Danielle Walsh, USA

DEI: CREATING DEI IN SURGICAL LEADERSHIP/ORGANIZATIONS
Nancy Gantt, USA

COVID: PRODUCTIVITY IN ACADEMIA AND COMMUNITY (PUBLICATION AND REVENUE)
Chantal Reyna, USA

DISCUSSION
Peter Sagar, UK

10:51
LAPAROSCOPIC EN BLOC PELVIC RESECTION
Tim Rockall, UK

11:09
ROBOTIC ASSISTED SURGERY IN THE UK
Nuha A. Yassin, UK

11:27
ROBOTIC ASSISTED ORTHOPAEDIC SURGERY
John Skinner, UK

11:45
DISCUSSION

Room: Schatzkammersaal

10:30-12:00  110  ISS/SIC FREE PAPERS
HEPATOBIILIARY SURGERY
Moderators: Albert Tuchmann, Austria
            Norihito Wada, Japan

10:30  110.01  APRI+ALBI IS INCREASED IN PATIENTS WITH ADVERSE OUTCOME AFTER LIVER RESECTION AND SHOWS HIGHER PREDICTIVE POTENTIAL THAN ICG-CLEARANCE IN THE PREDICTION OF POSTHEPATECTOMY LIVER FAILURE – AN INTERNATIONAL MULTICENTER STUDY
Jonas Santol 1, David Pereyra 1, Benedikt Rumpf 1, Jan Philipp Jonas 2, Thomas Gruenberger 2, Stefan Gilg 2, Patrick Starlinger 1 4
1Department of General Surgery, Division of Visceral Surgery, Medical University of Vienna, General Hospital of Vienna, 2Department of Surgery, Clinic Favoriten, Vienna, Austria, 3Division of Surgery, Department of Clinical Science, Intervention and Technology, Karolinska University Hospital, Stockholm, Sweden, 4Department of Surgery, Division of Hepatobiliary and Pancreatic Surgery, Mayo Clinic, Rochester, United States

10:46  110.02  PREDICTION OF OUTCOME AND LONG TERM OVERALL SURVIVAL AFTER HEPATIC RESECTION UTILIZING CIRCULATING MICRNORAS.
Felix Xaver Huber 1, David Pereyra 1, Anna Emilia Kern 1, Jonas Santol 1, Matthias Hackl 2, Thomas Gruenberger 3, Patrick Starlinger 1 4
1Department of General Surgery, Division of Visceral Surgery, Medical University of Vienna, General Hospital of Vienna, Vienna, Austria, 2TAmiRNA GmbH, 3Department of Surgery, Clinic Favoriten, Vienna, Austria, 4Department of Surgery, Division of Hepatobiliary and Pancreatic Surgery, Mayo Clinic, Rochester, United States

11:02  110.03  AN OVERSHOOTING INFLAMMATORY RESPONSE AFTER HEPATIC RESECTION AS A DRIVING FORCE BEHIND POSTHEPATECTOMY LIVER FAILURE IN HUMANS
Patrick Starlinger 1 2, Laura Brunnthaler 3, David Pereyra 2, Jonas Santol 2 3, Gregory Gores 1, Thomas Gruenberger 4, Alice Assinger 2, Rory Smoot 1
1Department of Surgery, Division of Hepatobiliary and Pancreatic Surgery, Mayo Clinic, Rochester, United States, 2Department of General Surgery, Division of Visceral Surgery, Medical University of Vienna, General Hospital of Vienna, 3Department of Vascular Biology and Thrombosis Research, Center of Physiology and Pharmacology, Medical University of Vienna, 4Department of Surgery, Clinic Favoriten, Vienna, Austria

11:18  110.04  ANALYSIS OF PERIOPERATIVE CONCENTRATION CHANGES OF FIBRINOGEN AND MARKERS ASSOCIATED WITH THE COAGULATION CASCADE AND THEIR ASSOCIATION WITH POSTOPERATIVE PATIENT OUTCOME AFTER HEPATIC RESECTION
Sarang Kim 1, Jonas Santol 1 2, David Pereyra 1, Thomas Gruenberger 2, Alice Assinger 2, Patrick Starlinger 1 4
1Department of General Surgery, Division of Visceral Surgery, Medical University of Vienna, General Hospital of Vienna, 2Department of Vascular Biology and Thrombosis Research, Center of Physiology and Pharmacology, Medical University of Vienna, 3Department of Surgery, Clinic Favoriten, Vienna, Austria, 4Department of Surgery, Division of Hepatobiliary and Pancreatic Surgery, Mayo Clinic, Rochester, United States

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- 49 -
12:15-13:15  111  ISDS FREE PAPERS
COLORECTAL SURGERY
Moderators: Hermann Kessler, USA
           Michael Weitzendorfer, Austria
           Hiroyuki Konno, Japan

12:15  111.01  CYTOREDUCTIVE SURGERY +/- HIPEC: 5-YEAR EXPERIENCE OF THE IMPERIAL COLLEGE ADVANCED CANCER SERVICE
Saidah Sahid 1, Daniella Donato-Brown 1, Anne Moutadjer 1, Paul Ziprin 1, Maria Souvatzi 1, Nicholas Giffil 2, Jamie Murphy 1
1General Surgery and Colorectal Surgery, 2Anaesthesiology, Imperial College Healthcare NHS Trust, London, United Kingdom

12:23  111.02  LAPAROSCOPIC SURGERY FOR COMPLEX CROHN’S DISEASE: PERIOPERATIVE AND LONG-TERM RESULTS FROM A PROPENSITY MATCHED COHORT
Tara M Connelly 1, Cillian Clancy 1, Leonardo DeCastro Duraes 1, Xue Jia 2, Tracy Hull 1, Stefan Holubar 1, Scott Steele 1, Hermann Kessler 1
1Colorectal Surgery, Cleveland Clinic, Cleveland, United States

12:31  111.03  OUTCOMES OF CLOSTRIDIODES DIFFICILE INFECTION ON IBD PATIENTS UNDERGOING COLONIC RESECTION: A PROPENSITY SCORE MATCHED NSQIP ANALYSIS
Tara M Connelly 1, Cillian Clancy 1, Ju Yong Cheong 1, Hermann Kessler 1, Stefan Holubar 1
1Colorectal Surgery, Cleveland Clinic, Cleveland, United States

12:39  111.04  QUALITY OF LIFE IN PATIENTS AFTER RESECTION OF RETROPERITONEAL SOFT TISSUE SARCOMA
Franziska Willis 1, Lena Buck 1, Martin Schneider 1
1Department of General, Visceral and Transplantation Surgery, University Hospital Heidelberg, Heidelberg, Germany

12:47  111.05  COMBINED SPHINCTER PRESERVING PROCEDURE (LIFT + VAAFT + FILAC) IN COMPLEX ANAL FISTULA: A PROSPECTIVE OBSERVATIONAL STUDY
Abhishek Choudhary 1, Saumya Singh 1, Arshad Ahmad 2
1General Surgery, King George’s Medical University, 2General Surgery, King George’s Medical University, Lucknow, India

12:55  111.06  A SYSTEMATIC REVIEW AND SINGLE-ARM META-ANALYSIS OF THE INCIDENCE OF COMPLICATIONS FOLLOWING HEMORRHOIDECTOMY
James Jin 1, Robin Yang 2, Praharsh Bahl 1, Harshitha Penneru 2, Niket Shah 1, Britanny Park 1, Melbourne Mauiliu-Wallis 1, Andrew Hill 1
1South Auckland Clinical Campus, 2School of Pharmacy, THE UNIVERSITY OF AUCKLAND, Auckland, New Zealand

13:03  111.07  DETECTION OF ANASTOMOTIC LEAKAGE FOLLOWING ELECTIVE COLONIC SURGERY: RESULTS OF THE PROSPECTIVE BIOMARKERS AND ANASTOMOTIC LEAKAGE (BALL) STUDY
Bruce Su’a 1, Tony Milne 2, Rebekah Jaung 2, Darren Svirskis 3, Ian Bissett 3, Tim Eglinton 4, Andrew Hill 2
1General Surgery, 2The University of Auckland, Auckland, New Zealand, 3School of Pharmacy, THE UNIVERSITY OF AUCKLAND, Auckland, 4General Surgery, Christchurch Public Hospital, Christchurch, New Zealand

12:15-13:15  112  CONGRESS

13:30-15:00  113  CONGRESS

12:15-13:15  114  CONGRESS

12:15-13:15  115  CONGRESS

12:15-13:15  116  IASMEN PRESIDENTIAL ADDRESS
Moderator: Steven E. Wolf, USA
## GLOBAL SURGERY 1

**Moderators:** Russell Gruen, Australia  
Robert Riviello, USA

13:30 - **INTRODUCTION BY THE MODERATORS**

13:33 - **GLOBAL SURGERY EDUCATION AND TRAINING PROGRAMS**  
Susan Hill, UK

13:51 - **SHIFTING THE CENTRE OF GRAVITY IN GLOBAL SURGERY EDUCATION: A VIEW FROM LMICS**  
Kathryn Chu, South Africa

Barnabas Alayande, Rwanda

14:27 - **STUDENT MENTORSHIP PROGRAMS AND THE TRAINING EXPERIENCE**  
Grace James Harelimana, Rwanda

14:45 - **DISCUSSION**
Room: Prinz Eugen Saal

13:30-15:00  118  ISDS MAIN SESSION  
LGI BENIGN
Moderators:  Alessandro Fichera, USA  
            A. Sender Liberman, Canada  
            April C. Roslani, Malaysia

13:30  INTRODUCTION BY THE MODERATORS

13:33  STATE OF THE ART: SURGICAL PREVENTION OF CROHN’S RECURRENCE  
       Alessandro Fichera, USA

13:51  UPDATE ON SURGERY FOR ULCERATIVE COLITIS  
       A. Sender Liberman, Canada

14:09  LAPAROSCOPIC LAVAGE IN MANAGEMENT OF DIVERTICULAR DISEASE  
       Marco E. Allaix, Italy

14:27  SURGICAL MANAGEMENT OF THE FAILED COLORECTAL ANASTOMOSIS  
       Tonia M. Young-Fadok, USA

14:45  MDT: BENIGN CASE PRESENTATIONS

Room: Forum

13:30-15:00  119  IATSIC / IASMEM MAIN SESSION  
CRITICAL CARE IN TRAUMA PATIENTS
Moderators:  Ho-Seong Han, South Korea  
            David Zonies, USA

13:30  INTRODUCTION BY THE MODERATORS

13:33  OPTIMAL TRAUMA CRITICAL CARE: THE SURGEON’S ROLE  
       Tarek Razek, Canada

13:45  ERAS IN TRAUMA CARE: IS IT POSSIBLE?  
       Olle Ljungqvist, Sweden

13:57  THE ROLE OF VV ECMO IN TRAUMA  
       David Zonies, USA

14:09  NUTRITION FOR THE CRITICALLY ILL PATIENT  
       Joji Kotani, Japan

14:21  THROMBOPROPHYLAXIS IN THE ANTICOAGULATED TRAUMA PATIENT  
       Krista Kaups, USA

14:33  POST-INTENSIVE CARE SYNDROME—STRATEGY TO IMPROVE THE LONG TERM OUTCOME  
       AFTER SURVIVING TRAUMA AND CRITICAL ILLNESS  
       Shigeaki Inoue, Japan

14:45  DISCUSSION

Room: Gardehalle I

13:30-15:00  120  BSI POSTER DISCUSSION 2 & PRIZE (w. short oral presentation)  
BEST POSTER PRIZE PRESENTATION SESSION
Moderators:  Mikael Hartman, Singapore  
            S.V.S. Deo, India

13:30  120.01  COST-EFFICACY ANALYSIS OF USE OF FROZEN SECTION HISTOLOGY FOR MARGIN  
            ASSESSMENT DURING BREAST CONSERVATION SURGERY IN BREAST CANCER PATIENTS  
            Swati Sattavan 1,*, Gaurav Agarwal 1, Anup Kumar 2, Vinita Agrawal 3, Sabaretam Mayilvaganan 1, Gyan Chand 1, Anjali Mishra 1, Amit Agarwal 1  
            1Endocrine and Breast Surgery, 2Biostatistics & Health Informatics, 3Pathology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India

13:42  120.02  EVALUATION OF ONCOLOGICAL OUTCOMES OF ROUTINE CAVITY SHAVE WITH BREAST  
            CONSERVING SURGERY  
            Ali Yasen Y Mohamedahmed 1,*, Mohamed Albandary 1  
            1General surgery, Sandwell and West Birmingham Hospitals, Birmingham, United Kingdom
CONSIDERATIONS ON LOCAL RECURRENCE RISK FACTORS IN BREAST CANCER: A RETROSPECTIVE COHORT STUDY
Ambrogio P Londero 1,*, Serena Bertozzi 2, Luca Seriau 2, José Andrés Diaz Ñañez 2, Carla Cedolini 2
1University of Genoa, Genova, 2Breast Unit, University Hospital of Udine, Udine, Italy

MODIFIED LICAP TURN-OVER FLAP- A SIMPLE RECONSTRUCTIVE TECHNIQUE FOR LARGE LUMPECTOMY DEFECTS IN RESOURCE LIMITED ENVIRONMENT
Ashutosh Mishra 1,2, Sandeep Bhorwal 1, Jyoutishman Saikia 1, SVS Deo 1
1Surgical Oncology, All India Institute of Medical Sciences, New Delhi, New Delhi, India

BREAST RECONSTRUCTION WITH SERIAL LIPOFILLING – A PATIENT PERSPECTIVE
Pauliina Homsy 1,*, Susanna Kauhanen 1
1Department of Plastic Surgery, Helsinki University Central Hospital, Helsinki, Finland

IMPROVING QUALITY OF BREAST CANCER SURGERY AT A COMMUNITY HOSPITAL: OUTCOMES OF ONCOPLASTIC SURGERY IN THE COMMUNITY SETTING IN THE UNITED STATES
Gabriel De la Cruz 1,2, Kayla Trockman 2,3, Tracy Kuck 1,2, Diana Caragacianu 1,2,*
1Surgery, University of Massachusetts Medical School, Worcester, 2Surgery, Milford Regional Medical Center, Milford, 3Physician Assistant Studies, Massachusetts College of Pharmacy and Health Sciences, Boston, United States

A RANDOMIZED CONTROLLED TRIAL TO COMPARE EFFICACY OF COMPLETE DECONGESTIVE THERAPY(CDT) VS CDT AND PLACEMENT OF HYDROPHOBIC SILICONE TUBE IN BREAST CANCER RELATED LYMPEDEMA (BCRL)
Pritam Yadav 1, Anita Dhar 1,2, Adarsh Pratap Singh 1, Anurag Srivastava 1, Anjaliine Jayapradha 1, R M Panday 1, Piyush Ranjan 1, Kamal Kataria 1
1Department of Surgical Disciplines, 2Department of Biostatistic, All India Institute of Medical Sciences, New Delhi, India

IMPACT OF BREAST CANCER TREATMENT ON SEXUAL HEALTH IN PRE-MENOPAUSAL BREAST CANCER SURVIVORS
Anand Kumar Mishra 1,2, Surabhi Garg 2, Kul Ranjan Singh 2, Lorenzo Enny 2, Pooja Ramakant 2
1Endocrine Surgery, King George's Medical University, Lucknow, 2King George's Medical University, Lucknow, India

APIMSF MAIN SESSION
MILITARY SURGERY
Moderators: Zvonimir Lovric, Croatia
Mark W. Bowyer, USA

INTRODUCTION BY THE MODERATORS

AMPUTATION VS SALVAGE DECISION MAKING IN COMBAT EXTREMITY VASCULAR TRAUMA
Amila Ratnayake, Sri Lanka

INTEGRATION OF MILITARY-CIVILIAN TRAUMA SYSTEMS
Michelle Joseph, USA

Followed by

APIMSF FREE PAPER / PosterPRIZE SESSION
MILITARY SURGERY
Moderators: TBA
Horst-Peter Becker, Germany

WAR SURGERY IN AFGHANISTAN: A MODEL FOR MASS CAUSALITIES IN TERROR ATTACKS?
Florian Wichlas 1,2, Valeska Hofmann 2, Christian Deinger 1
1University Clinic for Orthopedics and Traumatology, Paracelsus Medical University, Salzburg, Austria, 2BG Trauma Centre, Department of Trauma and Reconstructive Surgery, University of Tübingen, Tübingen, Germany

APPLICATION OF VIDEOTORACOSCOPIC TECHNOLOGIES IN THE TREATMENT OF WOUNDED VICTIMS WITH PENETRATING CHEST INJURIES
Valeriy Vladimirovich Boyko 1 on behalf of 1, Kateryna Vladimirivna Ponomarova 1,2 on behalf of 1, Dmytro Valerievich Minukhin 1 on behalf of 1, Denis Oleksandrovich Yevtushenko 1 on behalf of 1, Vasil Vasylivich Kritsak 2 on behalf of 2
1department surgery 1, Kharkiv national medical university, 2department of surgery and topographic anatomy, National technical university "KhPI", Kharkiv, Ukraine
14:30  121.03  **FEASIBILITY AND SAFETY OF INTRAOPERATIVE COLONOSCOPY FOR VERIFY COLON DAMAGE IN WOUNDED WITH COMBAT PENETRATING ABDOMINAL TRAUMA (DATA OF JOINT FORCES OPERATION AT THE EAST OF UKRAINE 2014 - 2021 YY.)**
Konstiantyn Gumeniuk 1, Oksana Popova 2.
1Medical Forces Command of Ukrainian Armed Forces, Kiyv, 2Military Medicine Clinical Center of Eastern Region, Dnipro, Ukraine

**Poster presentation:**

14:40  121.04  **A UNIQUE CASE OF SIMULTANEOUS ASPIRATION AND INGESTION OF TWO BULLETS AFTER A SINGLE GUNSHOT WOUND OF THE FACE**
Georgi Popivanov 1*, Hristo Iordanov 1, Marina Konaktchieva 1, Daniel Stefanov 1, Kirien Kjossev 1, Ventsislav Mutafchiyski 1
1Military Medical Academy, Sofia, Bulgaria

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<td>13:30-15:00</td>
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Room: Zeremoniensaal

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<th>Time</th>
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<td>15:30-17:00</td>
<td><strong>ISS/SIC / ASAP MAIN SESSION</strong></td>
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<td><strong>GLOBAL SURGERY 2</strong></td>
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<td>Moderators: Cheng Har Yip, Malaysia, Kathryn Chu, South Africa</td>
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<tr>
<td>15:30</td>
<td><strong>INTRODUCTION BY THE MODERATORS</strong></td>
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<tr>
<td>15:33</td>
<td><strong>THE ROLE OF G4 ALLIANCE IN GLOBAL SURGERY ADVOCACY</strong></td>
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<td>15:51</td>
<td><strong>INTERNATIONAL STANDARDS AND GUIDELINES FOR SAFE SURGERY IN LMICS: BEST PRACTICE RECOMMENDATIONS</strong></td>
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<td>16:09</td>
<td><strong>ANESTHESIA AND PATIENT SAFETY EDUCATION AND TRAINING</strong></td>
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<td>16:27</td>
<td><strong>PERIOPERATIVE DATABASES FOR GLOBAL SURGERY</strong></td>
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<td>16:45</td>
<td><strong>DISCUSSION</strong></td>
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<td><strong>CONGRESS</strong></td>
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### IATSIC SPARKLING SESSION
**THE FUTURE IN TRAUMA: THE MAIN CHALLENGE AND POTENTIAL SOLUTION**

**Moderators:** Scott K. D'Amours, Australia  
Christine Gaarder, Norway

15:30 **INTRODUCTION BY THE MODERATORS**

15:33 **IS IT POSSIBLE TO COMBINE QOL WITH A CAREER IN TRAUMA SURGERY IN THE FUTURE?**
Sulé Burger, South Africa

15:48 **CHALLENGE TO ALL OUR CREATIVE SPEAKERS**
3 Slides 3 Minutes - 1 Strategy for Diversity, 1 Idea for Recruitment, 1 Plan for Trauma Systems

---

### BSI MAIN SESSION
**STUMP THE EXPERTS** (TRAVEL SCHOLARS PRESENTATION)

**Moderators:** Omar Z. Youssef, Egypt  
Farid Meybodi, Australia

15:30 **INTRODUCTION BY THE MODERATORS**

15:33 **CASE PRESENTATION BY TRAVEL SCHOLARS**

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### ISDS / IASMEN MAIN SESSION
**NUTRITION**

**Moderators:** Alessandro Fichera, USA  
Andrew G. Hill, New Zealand

15:30 **INTRODUCTION BY THE MODERATORS**

15:33 **NUTRITION IN INTESTINAL FAILURE**
Marco E. Allaix, Italy

15:47 **NUTRITION IN INFLAMMATORY BOWEL DISEASE**
A. Sender Liberman, Canada

16:01 **SARCOPENIA IN HEPATOBILIARY, PANCREATIC AND TRANSPLANT SURGERY**
Toshimi Kaido, Japan

16:15 **IMMUNONUTRITION: AN UPDATE**
Dileep N. Lobo, UK

16:29 **ROLE OF PROBIOTICS IN GI-SURGERY**
In Kyu Lee, South Korea

16:43 **DISCUSSION**
POSTER WALKS (at e-Poster Exhibition)

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<th>Time</th>
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<tbody>
<tr>
<td>12:15-13:15</td>
<td>PW1</td>
<td>ISDS POSTER WALK (at Poster Exhibition) DIGESTIVE SURGERY</td>
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<td>Moderators: Masashi Yoshida, Japan, Matthew Walsh, USA, Michael Weitzendorfer, Austria, Alessandro Fichera, USA</td>
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<td>PW1.01</td>
<td>RECURRENT AND SURVIVAL FOLLOWING SURGERY OF T3 ESOPHAGEAL CARCINOMA WITH CURATIVE INTENT. ROLE OF CIRCUMFERENTIAL RESECTION MARGIN.</td>
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<td>Joerg Lindenmann, Melanie Fediuk, Udo Anegg, Alfred Maier, Angelika Terbouch, Luka Brcic, Josef Smolle, Freyja Maria Smolle-Juettner</td>
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<td>1Department of Surgery, Medical University of Graz, Austria, Division of Thoracic and Hyperbaric Surgery, 2Department of Internal Medicine, Medical University of Graz, Division of Oncology, 3Diagnostic and Research Center, Institute of Pathology, Medical University of Graz, 4Institute of Medical Informatics, Statistics and Documentation, Medical University of Graz, Graz, Austria</td>
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<tr>
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<td>PW1.02</td>
<td>HIGHSYSTEMIC IMMUNE-INFLAMMATION INDEX (SII) CORRELATES WITH LYMPHOVASCULAR INVASION (LVI) IN NEOADJUVANTLY TREATED AND UNTREATED PATIENTS WITH ADENOCARCINOMA OF THE GASTROESOPHAGEAL JUNCTION.</td>
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<td>Sanja Radosavljevic, Gerd Jomrich, Matthias Paireder, Ivan Kristo, Hannah Puhr, Ayseguil IIhan-Mutlu, Reza Asari, Sebastian F. Schoppmann</td>
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<td>1General Surgery, 2Department of Medicine 1, Medical University of Vienna, Vienna, Austria</td>
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<td>PW1.03</td>
<td>FIBRIN GLUE ENDOCARDIC BLOCKAGE OF BLEEDING ESOPHAGEAL VARICES IN PATIENTS WITH LIVER CIRRHOSIS</td>
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<td>Gheorghe Anghelici, Oleg Savin, Sergiu Pisarencu, Victor Garbuz, Tatiana Zagrav, Ana Covaci, Eugenia Netudihata, Maria Danu</td>
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<td>1Laboratory of Liver Surgery, Surgery Clinic “C. Tibirna”, State University of Medicine and Pharmacy “Nicolae Testemitanu”, Chisinau, Moldova, Republic of</td>
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<td>PW1.04</td>
<td>PREDICTORS OF MORTIBILITY AND MORTALITY FOLLOWING PERFORATED PEPTIC ULCER (PPU) SURGERY IN MALAYSIA – A SOUTH-EAST ASIA EXPERIENCE</td>
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<td>Raymond Zhun Ming Lim, Ivan Khor Ee Ho, Jih Huei Tan, Jun Sen Chuah, Novinth Kumar Raja Ram, Henry Chor Lip Tan, Hans Alexander Mahendran, Yuzaid Mohamad, Rizal Imran Alwi, Tuan Nur Azmah Tuan Mat</td>
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<tr>
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<td>1Department of General Surgery, Hospital Sultanah Aminah Johor Bahru, Malaysia, Johor Bahru Johor, Malaysia</td>
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<td>PW1.05</td>
<td>APPROPRIATE INDICATIONS AND TIMING OF INTRAOPERATIVE CONVERSION TO HAND-ASSISTED LAPAROSCOPIC SURGERY OR OPEN SURGERY IN LAPAROSCOPIC LIVER RESECTION</td>
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<td>Takashi Masuda, Yuichi Endo, Atsuro Fujinaga, Takahide Kawasaki, Yoko Kawano, Teijiro Hirashita, Masayuki Ohta, Masafumi Inomata and Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine, 1Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine, Yufu, Oita, Japan</td>
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<td>PW1.06</td>
<td>EM18-ELISA ACTS AS A POTENTIAL SURVEILLANCE MARKER FOR THE SURGICAL FOLLOW-UP OF HEPATIC ALVEOLAR ECHINOCOCOSIS</td>
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<td>Severin Gloor, Martin Maurer, Bruno Gottstein, Daniel Candinas, Anja Lachenmayer, Guido Beldi</td>
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<td>1Department of Visceral Surgery and Medicine, 2Department for Diagnostic, Interventional, and Paediatric Radiology, Inselspital, University Hospital Bern, 3Institute of Parasitology, Department of Infectious Diseases and Pathobiology, Vetsuisse Faculty, University of Bern, Bern, Switzerland</td>
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<td>PW1.07</td>
<td>LAPAROSCOPIC RESECTION OF HEPATIC ALVEOLAR ECHINOCOCOSIS: A SINGLE-CENTER EXPERIENCE</td>
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<td>Severin Gloor, Daniel Candinas, Guido Beldi, Anja Lachenmayer</td>
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<td>1Department of Visceral Surgery and Medicine, Inselspital, University Hospital Bern, Bern, Switzerland</td>
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<td>PW1.08</td>
<td>EVALUATION OF VALIDITY OF ENDOSCOPIC TRANSPAPILLARY GALLBLADDER DRAINAGE FOR ACUTE CHOLECYSTITIS BASED ON THE TOKYO GUIDELINES 2018</td>
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<td>Keiichi Suzuki, Taketo Sasaki, Yusuke Yoshikawa, Kensis Omagari, Takeo Hashimoto, Akihiko Tamura</td>
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<td>1Surgery, NHO Tochigi Medical Center, Utsunomiya, Japan</td>
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PW1.09  EUS-GUIDED BILIARY INTERVENTIONS FOR BENIGN DISEASES AND UNSUCCESSFUL ERCP - A PROSPECTIVE UNICENTER FEASIBILITY STUDY ON A LARGE CONSECUTIVE PATIENT COHORT
Frank Fuehdner 1, Frank Meyer 2, Uwe Will 1
1Dept. of Internal Medicine II (Gastroenterology, Hepatology, Diabetology and General Internal Medicine), Municipal Hospital ("SRH Wald-Klinikum GmbH"), Gera, 2Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PW1.10  THE ROLE OF ENDOSCOPIC TRANSMURAL APPROACH IN THE TREATMENT OF BILIARY OBSTRUCTIONS
Mateusz Jagielski 1, Jacek Piątkowski 1, Michał Zieliński 1, Marek Jackowski 1
1Dept of General, Gastroenterological and Oncological Surgery, Collegium Medicum, Nicolaus Copernicus University in Toruń, Toruń, Poland

PW1.11  CT-BASED BODY COMPOSITION AND CLINICAL OUTCOMES AFTER PANCREATIC CANCER SURGERY
Giulia Piazza 1, David Martin 1, Katerina Mandralis 2, Joachim Koerfer 2, Nermin Halkic 1, Nicolas Demartines 1, Fabio Becce 2, Emilie Uldry 1
1Visceral Surgery, 2Radiology, CHUV, Lausanne, Lausanne, Switzerland

PW1.12  HIGH VOLUME CARE IS ASSOCIATED WITH IMPROVED OUTCOMES FOR PATIENTS WITH PANCREATIC NEUROENDOCRINE TUMORS: A POPULATION-LEVEL ANALYSIS
Thomas Lee Sutton 1, Steven Koprowski 2, Rodney F Pommier 1, Flavio G Rocha 1, Brett C Sheppard 1
1Surgery, 2Gastroenterology, Oregon Health and Science University, Portland, United States

PW1.13  THE MESOPANCREAS: A NEGLECTED AREA IN PANCREATIC CANCER?
Sami Alexander Safi 1, Alexander Rehders 1, Lena Haeberle 2, Irene Esposito 2, Georg Fluegen 1, Wolfram Trudo Knoefel 1
1Department of Surgery (A), 2Institute of Pathology, Heinrich Heine University Duesseldorf, Duesseldorf, Germany

PW1.14  PARENCHYMAL PRESERVING OR TOTAL PANCREATECTOMY WITH/WITHOUT ISLET CELL AUTOTRANSPLANTATION SURGERY FOR PATIENTS WITH CHRONIC PANCREATITIS
Chirag S. Desai 1, Brittany Williams 1, Xavier Baldwin 1, Jennifer Vonderau 1, Aman Kumar 1, William Brian Hyslop 1, Morgan Jones 1, Todd H. Baron 1
1University of North Carolina, Chapel Hill, United States

PW1.15  HOW DO WE MANAGE STAPLER LACERATION OF PANCREATIC CAPSULE DURING LAPAROSCOPIC DISTAL PanCREATECTOMY?
Brett C Sheppard 1, Roxann Vonderau 1, Jennifer Vonderau 2, Todd H. Baron 2, John Garza 2, Christiane Adamek 2, Dorothea Martin 2, Marissa O’Neal 2, Joel Krueger 2, Nicholas Demartines 1
1Department of Surgery, 2Institute for Work and Organizational Psychology, University of Neuchâtel, Neuchâtel, Switzerland

PW1.16  ACUTE AND CHRONIC MESENTERIC ISCHEMIA: SINGLE CENTER ANALYSIS OF OPEN, ENDOVASCULAR, AND HYBRID SURGERY
Artur Rebelo 1, Marat Mammadov 1, Jumber Pataskhashvili 1, Carsten Sekulla 1, Ulrich Ronellenfitsch 1, Jörg Kleeft 1, Endres John 1, Jörg Ukkat 1
1General and vascular surgery, Universitätsklinikum Halle (Saale), Halle, Germany

PW1.17  EARLY POSTOPERATIVE AND LONG-TERM RESULTS OF VASCULAXURGICAL MANAGEMENT OF CHRONIC MESENTERIC ISCHEMIA (CMI) IN A SINGLE-CENTER OBSERVATIONAL STUDY
Mohamed Essa 1, Frank Meyer 2, Julia Krueger 1, Joul Deeb 1, Robert Damm 3, Jasmin Dillner 1, Zuhir Hailoul 1
1Division of Vascular Surgery, Dept. of General, Abdominal, Vascular and Transplant Surgery, 2Dept. of General, Abdominal, Vascular and Transplant Surgery, 3Dept. of Radiology and Nuclear Medicine, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PW1.18  TRANSMURAL ENDOSCOPIC DRAINAGE OF POSTOPERATIVE INTRA-ABDOMINAL ABSCESSES
Mateusz Jagielski 1, Jacek Piątkowski 1, Łukasz Bereziak 1, Marek Jackowski 1
1Dept of General, Gastroenterological and Oncological Surgery, Collegium Medicum, Nicolaus Copernicus University in Toruń, Toruń, Poland

PW1.19  NO IMPACT OF SEX ON SURGICAL SITE INFECTIONS IN ABDOMINAL SURGERY: A MULTI-CENTER STUDY
Simone Zwicky 1, Severin Gloor 1, Franziska Tschan 2, Daniel Candinas 1, Nicolas Demartines 2, Markus Weber 1, Guido Beldi 1
1Department of Visceral and General Surgery, Inselspital, University Hospital Bern, Bern, 2Institute for Work and Organizational Psychology, University of Neuchâtel, Neuchâtel, Switzerland

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PW1.20  THE EFFECTS OF A RESISTANCE EXERCISE INTERVENTION ON LOSS OF MUSCLE MASS AND PHYSICAL FUNCTION AFTER ELECTIVE SURGERY IN ABDOMINAL MALIGNANCY: PRELIMINARY DATA FROM A FEASIBILITY TRIAL
Balaji Jayasankar1,*, Kirolos Abdelsaid1, Kasthoory Kandaiah1, Haythem Ali1, Ian Swaine2
1General Surgery, Maidstone and Tunbridge Wells NHS, UK, Tunbridge Wells, 2School of Human Sciences, The University of Greenwich, London, United Kingdom

PW1.21  ROLE OF “BAYES NETWORK” AND LOGISTIC REGRESSION ANALYSIS IN RISK ASSESSMENT OF COLON CANCER SURGERY
Andreu Udelnow1, Frank Meyer2*
1Dept. of Vascular Surgery, University Hospital, Brandenburg (Havel), 2Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

Tuesday, 16 August 2022

12:15-13:15  PW2  BSI POSTER WALK  (at Poster Exhibition)  BACK to Overview
BREAST SURGERY
Moderators: Ines Buccimazza, South Africa
Kerstin Sandelin, Sweden

PW2.01  FLUORESCEIN SPECTROSCOPY GUIDED REAL TIME INTRAOPERATIVE MARGIN ASSESSMENT IN BREAST CANCER PATIENTS: A PILOT STUDY
Komal Gupta1,*, Kamal Kataria1, Anurag Srivastava1, Dalip Mehta2, Anita Dhar1, Piyush Ranjan1, Sunil Chumber1, Sandeep Mathur3
1Department of Surgical Disciplines, All India Institute of Medical Sciences, 2Department of Physics, Indian Institute of Technology, 3Department of Pathology, All India Institute of Medical Sciences, New Delhi, India

PW2.02  DEMOGRAPHIC, TREATMENT, CLINICAL, AND SOCIOECONOMIC DETERMINANTS OF PATIENT SATISFACTION POST-BREAST SURGERY
Brett Lowden1, Nancy Gantt1 2 4, David Gemmel3 4
1College of Medicine, Northeast Ohio Medical University, Rootstown, 2Department of Surgery, 3Department of Research, St. Elizabeth Health Center, Youngstown, 4Department of Sociology, Kent State University, Kent, United States

PW2.03  ANALYSIS OF SURGICAL TREATMENT OF THE AXILLA IN C0 BREAST CANCER PATIENTS AFTER NEOADJUVANT CHEMOTHERAPY: A RETROSPECTIVE COHORT STUDY.
Serena Bertozzi1,*, Ambrogio P Londero2, Luca Servaiu1, José Andrés Díaz Nañez1, D Gattesco1, Roberta Di Vora1, Michelina Andretta1, Carla Cedolini1
1Breast Unit, University Hospital of Udine, Udine, 2Academic Unit of Obstetrics and Gynaecology, Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Infant Health, University of Genoa, Genova, Italy

PW2.04  IMPACT OF OMITTING SENTINEL NODE BIOPSY IN WOMEN AGED 80 AND ABOVE DIAGNOSED WITH CLINICALLY NODE NEGATIVE INVASIVE BREAST CANCER
Raouef Ahmed Bichoo1,*, Mohammed Bilal Elahi1, Eiman Khalifa1, Naila Bint Ihsan1, Brendan Wooler1, Dorin Dumitru1, Peter Kneeshaw1, Kartikae Grover1
1Breast Surgery, Hull University Teaching Hospital NHS Trust, Cottingham, United Kingdom

PW2.05  IMPLEMENTING MULTIDISCIPLINARY RECOMMENDATIONS INTO CLINICAL PRACTICE DURING THE FIRST PANDEMIC YEAR: AN OBSERVATIONAL CROSS-SECTIONAL ASSESSMENT.
Serena Bertozzi1,*, Ambrogio P Londero2, Luca Servaiu1, José Andrés Díaz Nañez1, Barbara Bait1, Lucia La Verghetta1, Milena Nobile1, Carla Cedolini1
1Breast Unit, University Hospital of Udine, Udine, 2University of Greenwich, London, United Kingdom

PW2.06  CANCELLED

PW2.07  DETECTION OF CTC FROM BREAST CANCER PATIENTS WITH ANTI-TROP2 ANTIBODY
Takuya Nagata1,*, Yasushi Okamoto1, Aya Sasaki1, Yuki Oka1, Manabu Watanabe1, Yoshihisa Saida1
1Department of Surgery, Toho University Ohashi Medical Center, Tokyo, Japan

PW2.08  INCIDENCE AND PROGNOSTIC SIGNIFICANCE OF ANDROGEN RECEPTORS (AR) IN INDIAN TRIPLE NEGATIVE BREAST CANCER (TNBC)
Anjali Mishra1,*, Sharvan Kumar Mishra2, Narendra Krishnani2, Niraj Kumari2, Vikram Sharanappa1, Gaurav Agarwal1
1Endocrine Surgery, 2Pathology, Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow, Lucknow, India

PW2.09  SERUM GAMMA SYNUCLEIN: A PROMISING BIOMARKER IN BREAST CANCER
Keerthi Kumaram1,*, Sonali Mittal1, Baskar Singh S2, Suhani Suhani1, Hemanga K Bhattacharjee1,
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<th>Time</th>
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<tr>
<td>15:15</td>
<td>PW3</td>
<td>IAES POSTER WALK ENDOCRINE SURGERY</td>
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<td>OUTCOMES OF PAPILLARY THYROID MICROCARCINOMA PRESENTING WITH CLINICALLY DETERMINED LATERAL LYMPHADENOPATHY</td>
<td>Alexander Papachristos, Kimchii Do, Mark Sywak, Anthony Gill, Stan Sidhu, Roderick Clifton-Bligh, Anthony Glover, Matti Gild</td>
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<td>1Northern Clinical School, Sydney Medical School, Faculty of Medicine and Health, University of Sydney, Sydney, 2Endocrine Surgery Unit, Royal North Shore Hospital, 3Endocrine and Diabetes, 4Anatomical Pathology, Royal North Shore Hospital, 5Cancer Diagnosis and Pathology Group, Kolling Institute of Medical Research, Royal North Shore Hospital, St Leonards, NSW, Australia</td>
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<td>OUTCOMES IN MALE PATIENTS &lt;40 YEARS OLD WITH PAPILLARY THYROID CANCER</td>
<td>Polina Zmijewski, Chandler McLeod, Brendon Herring, Andrea Gillis, Deepi Bahl, Brenessa Lindeman, Herbert Chen, Jessica Fazendin</td>
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<td>1University of Alabama at Birmingham, Birmingham, United States</td>
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<td>COMPARISON BETWEEN OPEN VERSUS ROBOTIC MODIFIED RADICAL NECK DISSECTION IN PATIENTS WITH WELL-DIFFERENTIATED THYROID CANCER</td>
<td>Ja Kyung Lee, Jee-Hye Choi, Woohul Kim, Hyeong Won Yu, Su-Jin Kim, Young Jun Chai, June Young Choi, Kyu Eun Lee</td>
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<td>1Department of Surgery, Seoul National University Bundang Hospital, Seongnam, Korea, Republic Of, 2Department of Surgery, Mount Sinai Health System, New York, United States, 3Department of Surgery, Seoul National University Hospital, 4Department of Surgery, Seoul Metropolitan Government Seoul National University Boramae Medical Center, Seoul, Korea, Republic Of</td>
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<td>INTRA-THORACIC THYROID RESTS: AN UPDATED CLASSIFICATION AND CASE SERIES</td>
<td>Jakob Köstenbauer, Ahmad Aniss, David Leong, Stanley Sidhu</td>
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<td>1University of Sydney Endocrine Surgical Unit, Department of Surgery, Royal North Shore Hospital, Sydney, Australia, Sydney, Australia</td>
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<td>1Department of Surgery, Gangnam Severance Hospital, Seoul, 2Department of Surgery, Ilsan CHA hospital, Goyang-si, Korea, Republic Of</td>
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<td>TRANORAL ROBOTIC THYROIDECTOMY VS TRANSORAL ENDOSCOPIC THYROIDECTOMY VESTIBULAR APPROACH USING ENDOSCOPIC RETRACTOR</td>
<td>Hyeok Jun Yun, Hojin Chang, Jin Seok Lee, Jun Sung Lee, Seok Mo Kim, Yong Sang Lee, Hang-Seok Chang, Cheong Soo Park</td>
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<td>1Oral and Maxillofacial Surgery, 2General Surgery, 3Quantitative Health Sciences, 4Endocrine and Metabolic Surgery, Mayo Clinic, Rochester, MN, United States</td>
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<td>REDUCING DISPARITIES IN THE TREATMENT OF HYPERPARATHYROIDISM</td>
<td>Andrea Gillis, Rongzhi Wang, Polina Zmijewski, Chandler McLeod, Kimberly Ramonell, Jessica Fazendin, Herbert Chen, Brenessa Lindeman</td>
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<td>1Surgery, University of Alabama at Birmingham, Birmingham, 2Surgery, University of Pittsburgh, Pittsburgh, United States</td>
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<td>ROLE OF INFLAMMATION IN PRIMARY HYPERPARATHYROIDISM</td>
<td>Jessica Liu McMullin, Polina V Zmijewski, Chandler McLeod, Jessica Fazendin, Brenessa Lindeman, Herbert Chen, Kimberly Ramonell, Andrea Gillis</td>
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<td>1Department of Surgery, Emory University, Atlanta, 2Department of Surgery, University of Alabama at Birmingham, Birmingham, 3Department of Endocrine Surgery, University of Pittsburgh Medical Center, Pittsburgh, United States</td>
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PW3.10  UTILITY OF THE SLOPE OF CHANGE IN IOPTH DURING PARATHYROIDECTOMY IN PREDICTING SINGLE GLAND DISEASE FOR PRIMARY HYPERPARATHYROIDISM
Daniela Bermudez Garolera 1, 2, Michael Lui 1, Carolyn Seib 2, Melissa Sum 1, Jason Prescott 1, John Allendorf 1, Kepal Patel 1, Insoo Suh 1
1New York University Grossman School of Medicine, New York, 2Stanford University, Stanford, United States

PW3.11  FEASIBILITY OF AUTOFLUORESCENCE USING OVERLAY-IMAGING FOR THE DETECTION OF PARATHYROID GLANDS: STANDARDS AND CLINICAL APPLICABILITY.
Melissa Arikian 1, Josef Hegazy 1, Sophie Mertlitsch 1, Lindsay Hargitai 1, Christian Scheuba 1, Philipp Riss 1
1General Surgery, Medical University of Vienna, Vienna, Austria

PW3.12  WITHDRAWN

15:15-16:30  PW4  IAES POSTER WALK ENDOCRINE SURGERY
Judges: Tracy Wang, USA; Euy Young Soh, South Korea; Schelto Kruijff, Netherlands; Goran Wallin, Sweden

PW4.01  ACCURACY OF SURGEON-PERFORMED TRANSCUTANEOUS LARYNGEAL ULTRASONOGRAPHY IN DETECTING VOCAL CORDS MOVEMENT FOLLOWING THYROID AND PARATHYROID SURGERY
Muhammad Safwan Bin Abdullah 1, 2, Shahrun Niza Abdullah Suhaimi 1, 2, Rohaizak Muhammad 2, Marina Mat Baki 3, Nani Harlina Md Latar 2
1Department of General Surgery, Universiti Teknologi MARA, Sungai Buloh Campus, 2Endocrine and Breast Surgery Unit, Department of Surgery, 3Department of Otorhinolaryngology-Head and Neck Surgery, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia

PW4.02  A PROSPECTIVE STUDY OF ELECTROMYOGRAPHIC AMPLITUDE CHANGES DURING INTRAOPERATIVE NEURAL MONITORING FOR OPEN THYROIDECTOMY
Tony Lian 1, 2, David Leong 1, Mark Sywak 1, 2
1Northern Clinical School, Sydney Medical School, Faculty of Medicine and Health, 2Department of Endocrine Surgery, Royal North Shore Hospital, Northern Sydney Local Health District, Sydney, Australia

PW4.03  INTRAOPERATIVE MET-RECEPTOR TARGETED FLUORESCENT IMAGING AND SPECTROSCOPY FOR LYMPH NODE DETECTION IN PAPILLARY THYROID CANCER: NOVEL DIAGNOSTIC TOOLS FOR MORE SELECTIVE CENTRAL LYMPH NODE COMPARTMENT DISSECTION.
Pascal K.C. Jonker 1, 2, Madelon J.H. Metman 3, Luc H.J. Sondorp 4, Mark S. Sywak 1, Anthony J. Gill 5, Tessa M. van Ginhoven 6, Rudolf S.N. Fehrmann 7, Schelto Kruijff 8 and On behalf of the Thyroid TARGET study collaborative; 1Pascal K.C. Jonker, MD; Madelon J.H. Metman, MD; Luc H.J. Sondorp, MSc; Mark S. Sywak, FRACS; Anthony J. Gill, MD; Liesbeth Jansen, PhD; Thera P. Links, PhD; Paul J. van Diest, PhD, Tessa M. van Ginhoven
1Department of Endocrine Surgery and Surgical Oncology, Royal North Shore Hospital, St Leonards, Australia, 2Department of Surgery, 3Department of Biomedical Sciences of Cell & Systems – Section Molecular Cell Biology, , 4University Medical Center Groningen, University of Groningen, Groningen, Netherlands, 5NSW Health Pathology, Department of Anatomical Pathology, Royal North Shore Hospital, St Leonards, Australia, 6Department of Surgery, Erasmus MC Cancer Institute, Rotterdam, 7Department of Medical Oncology, University Medical Center Groningen, University of Groningen, Groningen, Netherlands

PW4.04  DIAGNOSTIC VALUE OF FINE-NEEDLE ASPIRATION CYTOLOGY IN THYROID CANCER: A SWEDISH REGISTRY STUDY OF 2349 THYROID CANCER CASES WITH HISTOLOGICAL CORRELATION.
Patrik Lind 1, 2, Erik Nordenström 2, 3, Lars Johansson 4, Göran Wallin 1, Kosmas Daskalakis 1
1Dept of Surgery, University Hospital of Örebro, Faculty of Medicine and Health, Örebro, 2Skåne University Hospital, 3Department of Clinical Sciences, Lund University, Lund, 4Department of Public Health and Clinical Medicine, Skellefteå Research Unit, Umeå University, Umeå, Sweden

PW4.05  THE SIGNIFICANCE OF INCIDENTAL NODAL MICROMETASTASIS AFTER HEMITHYROIDECTOMY FOR DIFFERENTIATED THYROID CANCER
Michael S Lui 1, 2, Marvin Thomas 1, Megan Winner 2, Victoria Lam 2, Fang Zhou 3, John Allendorf 2, Insoo Suh 1, Kepal N Patel 1
1Department of Surgery, New York University Langone Health, 2Department of Surgery, New York University Langone Health - Long Island, 3Department of Pathology, New York University Langone Health, New York, United States

PW4.06  A RANDOMIZED CONTROLLED TRIAL TO COMPARE THE SAFETY AND OUTCOME OF TRANS-ORAL VESTIBULAR AND AXILLO-BREAST APPROACH FOR ENDOSCOPIC
HEMITHYROIDECTOMY IN PATIENTS WITH BENIGN THYROID SWELLINGS
Arun Kumar 1, Anita Dhar 1, Anurag Srivastava 1, Viveka P Jyotsna 2, Rakesh Kumar 3
1Department of Surgical Disciplines, 2Department of Endocrinology, 3Department of Nuclear Medicine, All India Institute of Medical Sciences, New Delhi, India

PW4.07 CALCIFICATIONS FORMATION ON ULTRASONOGRAPHY AFTER FINE NEEDLE ASPIRATION IN BENIGN THYROID NODULES
Yi Jhih Tsai 1, Shih Ming Huang 2
1Department of Surgery, National Taiwan University Hospital, Taipei, 2Department of Surgery, Chang Bing Show Chwan Memorial Hospital, Changhua, Taiwan, Province of China

PW4.08 RISK FACTORS FOR ADVERSE OUTCOMES IN FIRST-TIME RENAL PARATHYROID SURGERY: AN ANALYSIS OF THE UNITED KINGDOM REGISTRY OF ENDOCRINE AND THYROID SURGEONS (UKRETS)
Amy Campbell 1, Sebastian Rupert Aspinall 1
1Department of General Surgery, Aberdeen Royal Infirmary, Aberdeen, United Kingdom

PW4.09 CLINICAL SIGNIFICANCE OF A NON-LOCALIZING CERVICAL ULTRASOUND STUDY
Michael S Lui 1, Aditya S Shirali 1, Uriel Clemente-Gutierrez 1, Bernice L Huang 1, Thinh Vu 2, Sarah B Fisher 1, Elizabeth G Grubbs 1, Nancy D Perrier 1
1Surgical Oncology, 2Diagnostic Radiology, The University of Texas MD Anderson Cancer Center, Houston, United States

PW4.10 INCIDENCE OF HYPOPARATHYROIDISM POST TOTAL THYROIDECTOMY WITH SELECTIVE PARATHYROID AUTO-TRANSPLANTATION
Anita Niu 1, Alexander Papachristos 1, Robert Mechera 1, Anthony Glover 1, Mark Sywak 1, Stan Sidhu 1
1Endocrine Surgery Unit, Royal North Shore Hospital, St Leonards, NSW, 2Northern Clinical School, Faculty of Medicine and Health Sciences, University of Sydney, Camperdown, NSW, Australia

PW4.11 PARATHYROIDECTOMY FOR SECONDARY AND TERTIARY HYPERPARATHYROIDISM: DOES RACE IMPACT SURGICAL OUTCOMES?
Rebecca L Green 1, Alexander M Fagenson 1, Sunil S Karhadkar 1, Lindsay E Kuo 1
1Temple University Hospital, Philadelphia, United States

PW4.12 SELECTIVE UTILIZATION OF INTRAOPERATIVE PARATHYROID HORMONE MEASUREMENT DURING MINIMALLY INVASIVE PARATHYROIDECTOMY IN PATIENTS WITH PREOPERATIVE CONCORDANT FINDINGS
Aditya Sanjay Shirali 1, Michael S Lui 1, Bernice L Huang 1, Uriel Clemente-Gutierrez 1, Sarah B Fisher 1, Paul H Graham 1, Elizabeth G Grubbs 1, Nancy D Perrier 1
1Department of Surgical Oncology, The University of Texas MD Anderson Cancer Center, HOUSTON, United States

PW4.13 CLINICAL CHARACTERISTICS AND OUTCOMES OF ADRENAL HEMORRHAGE
Theresa N. Wang 1, Elizabeth Bashian 2, John E. Phay 1, Barbra S. Miller 1, Caitlin E. Hackett 3, Priya H. Dedhia 1
1Surgery, 2Ohio State University, Columbus, United States, 3Radiology, Ohio State University, Columbus, United States
Wednesday, 17 August 2022

13:30-15:00  PW6  IATSIC POSTER WALK (at Poster Exhibition)  BACK to Overview  
TRAUMA SURGERY

Moderators: Zsolt Balogh, Australia  
Robert Winchell, USA

PW6.01  UPTAKE OF LAPAROSCOPIC APPENDICECTOMY AMONGST SURGICAL TRAINEES IN A DEVELOPING WORLD SETTING - A SOUTH AFRICAN EXPERIENCE

Viktor König1 2, Maheshwar Naidoo3 2, Varun Thirayan4 2, Damian Clarke1 2

1Department of Surgery, University of the Witwatersrand, Johannesburg, 2Department of Surgery, University of KwaZulu Natal, Durban, South Africa, 3Department of Surgery, Auckland City Hospital, Auckland, 4Department of Surgery, Waikato Hospital, Hamilton, New Zealand

PW6.02  PREOPERATIVE TOTAL PSOAS MUSCLE INDEX PREDICTS FUNCTIONAL DECLINE AFTER EMERGENCY ABDOMINAL SURGERY IN ELDERLY PATIENTS

Keishe Yamaguchi1 2 3, Shokei Matsumoto3, Masayuki Shimizu3, Ichiro Takeuchi2

1Department of trauma and emergency surgery, Saiseikai Yokohamashi Tobu Hospital, 3-6-1 Shimosueyoshi Tsurumi-ku Yokohama-shi Kanagawa, 2Department of Emergency Medicine, Yokohama City University Graduate School of Medicine, 4-57 Urafunecho, Minamiku, Yokohama, 3Department of trauma and emergency surgery, Saiseikai Yokohamashi Tobu Hospital, 3-6-1 Shimosueyoshi Tsurumi-ku Yokohama-shi Kanagawa, Japan

PW6.03  DIAGNOSTIC INFLAMMATION BIOMARKERS FOR PREDICTION OF 30-DAY MORTALITY RATE IN ACUTE CHOLANGITIS

Ahmad Zarour1, OMER AL-YAHRI1 2, RAED AL-ZOUBI3, Sherif Abdelazizm1, Azza Alam Elhuda3, Ahmad Al-Qudimat2, Mustafa Alwani4, Mahmoud Aledhari5

1Acute Care Surgery, 2Surgical Research Division, 3Medical Education, Hamad Medical Corporation, Doha, Qatar, 4Medical school, School of Medicine, Jordan University of Science and Technology, Amman, Jordan, 5surgery, Hamad Medical Corporation, Doha, Qatar

PW6.04  SPONTANEOUS RUPTURE OF FUSIFORM ANEURYSM IN PREGNANCY – PREVENTION AND TREATMENT

Erhard Schwanzer1 2, Silvia Mertins2, Martina Radtke3, Wolfgang Thasler3

1Landesklinikum Korneuburg, Korneuburg, Austria, 2Frauenklinik München, 3Rotkreuzklinikum, Munich, Germany

PW6.05  CANCELLED

PW6.06  MICROBIOLOGY OF COMMUNITY, HOSPITAL ACQUIRED AND POSTOPERATIVE PERITONITIS

Viktor Justin1 2 3, Benjamin Glaser1, Simon Mattersdorfer1, Stephan Kriwanek1

1Department of Surgery, Klinik Donaustadt, Vienna Healthcare Group, Wien, 2Department of Surgery, Section for Surgical Research, Medical University of Graz, Graz, Austria

PW6.07  EFFECT OF SOCIOECONOMIC DEPRIVATION ON OUTCOMES FROM EMERGENCY LAPAROTOMY

Ahmed Barazanchi1 2, Sameer Bhat3, Karen Toh4, Wiremu MacFater5, Weisi Xia6, Andrew MacCormick2 3, Ashish Taneja6, Andrew Graham Hill2 7

1Upper GI Surgery, Royal North Shore Hospital, Sydney, Australia, 2Surgery, University of Auckland, Auckland, 3General Surgery, 4Orthopaedic Surgery, Palmerston North Hospital, Palmerston North, 5ORL, Middlemore Hospital, 6Orthopaedic Surgery, North Shore Hospital, 7General Surgery, Middlemore Hospital, 8General Surgery, Auckland City Hospital, Auckland, New Zealand

PW6.08  LIFE THREATENING UNSTABLE PELVIC EING FRACTURES IN CAMEROON: ANALYSIS OF SEVERITY MORBIDY AND MORTALITY

Nana Theophile Chunteng1, Ngo-Yambe marie ange2, Pius Fokam3, Ali Mahamat4, Bombah Freddy5, Mulem Kenedy4, Chichom Alain Mefire4

1surgery and specialties, university of buea, buea, 2surgery and speciaties, university of yaounde 1, yaounde, 3surgery, university of buea, buea, 4surgery, university of douala, douala, 5surgery, university of yaounde 1, yaounde, Cameroon

PW6.09  URO-GENITAL COMPLICATIONS OF PELVIC FRACTURES IN CAMEROON: RESULTS OF A 10-YEAR RETROSPECTIVE ANALYTIC STUDY

Famenwa Marcel1 2, Ekani Boukar3, nana theophile chunteng2, Divine Eyongeta2, Fokam Pius2

1surgery, 2halleluyah medical center, Douala, 3Surgery and specialties, University of Buea, Buea, Cameroon

PW6.10  INVESTIGATION OF SCREW OSSEOINTEGRATION ENHANCEMENT BY EXTRACELLULAR VESICLES (EV) AND BONE MORPHOGENETIC PROTEIN 2 (BMP-2) IN A RAT ANIMAL MODEL - A NOVEL STUDY DESIGN

Christian Deininger1 2, Florian Wichlas2, Thomas Freude2, Herbert Tempfer1, Andrea Wagner1, Nadja WeißBenbacher1, Andreas Traweger1
PW6.11 VASCULAR PEDICLED PERIOSTEAL FLAP FOR FRACTURE HEALING IN A SMALL ANIMAL EXPERIMENT.
Christian Deininger 1,2, Herbert Tempfer 2, Thomas Freude 1, Andreas Traweger 2, Andrea Wagner 2, Amelie Deluca 2, Valeska Hofmann 2, Florian Wichlas 1,2
1University Clinic for Orthopedics and Traumatology, 2Institute of Tendon and Bone Regeneration, Paracelsus Medical University, Salzburg, Austria

PW6.12 REPAIR AND RECONSTRUCTION OF PERIPHERAL NERVES AFTER NEUROMA, AND TUMOR RESECTION WITH PROCESSED ALLOGENIC NERVE GRAFT (AVANCE® NERVE GRAFT)
Anton Borger 1,*, Bernhard Gesslbauer 2, Christine Radtke 1
1Plastic, Aesthetic and Reconstructive Surgery, 2Medical University of Vienna, Vienna, Austria

13:30-15:00 PW7 IATSC POSTER WALK (at Poster Exhibition) BACK to Overview
TRAUMA SURGERY – Group 1
Modерators: Rochelle Dicker, USA
Paul A. Naess, Norway

PW7.01 A RARE CASE OF LUMBAR TRAUMATIC HERNIA
Ashraf F Hefny 1,*, Adel Ibrahim Elbery 2, Mohamed A Hefny 3, Ghaya Abdulrahman Almarzooqi 4, Ayesha Darwish Al Qemzi 4
1Surgery Department, College of Medicine and Health Sciences, UAEU, 2Radiology Department, Tawam Hospital, Al Ain, United Arab Emirates, 3Surgery Department, Faculty of Medicine, Ain Shams University, Cairo, Egypt, 4COLLEGE OF MEDICINE AND HEALTH SCIENCES, UAE UNIVERSITY, Al ain, United Arab Emirates

PW7.02 ASSESSMENT OF CHANGE IN HEMATOLOGICAL FUNCTIONS OF SPLEEN FOLLOWING BLUNT SPLENIC INJURY: A PROSPECTIVE OBSERVATIONAL STUDY
Vaibhav Jaiswal 1,2, Pratyusha Priyadarshini 2, Saumya Singh 3, Biplob Mishra 2, Sushma Sagar 2, Subodh Kumar 3, Amit Gupta 2
1Trauma Surgery, King George’s Medical University, Lucknow, 2Surgical Disciplines, All India Institute of Medical Sciences, New Delhi, 3General Surgery, King George’s Medical University, Lucknow, India

PW7.03 A FOLLOW UP STUDY OF A NEWLY DEVELOPED SURGICAL TRAUMA COURSE ON ANIMAL MODEL IN MAINLAND CHINA
Obulkasim Gholam 1,*, Chen Kejin 1, Zhang Guixi 1, Joe Kim 2, Shi Weiyi 1
1Surgery, The University of Hong Kong-Shenzhen Hospital, Shenzhen, 2Surgery, The University of Hong Kong, Hong Kong, China

PW7.04 MANAGING BLUNT SOLID ORGAN INJURIES IN A MIDDLE-INCOME COUNTRY: ARE WE UP TO THE STANDARD?
Muhammad Izwani Ismail 1,*, Noridayu Mohamed 1, Yuzaidi Mohamad 1, Rizal Imran Alwi 1
1Hospital Sultanah Aminah Johor Bahru, Johor Bahru, Malaysia

PW7.05 INCREASED INTRAPERSONAL VIOLENCE IN COVID-ERA SUB-SAHARAN AFRICA; SHIFTING TRAUMA EPIDEMIOLOGY AND THE NEED TO STRENGTHEN HEMORRHAGE RESUSCITATION
Matthew Driban 1,*, S. Ariane Christie 1, Mbiarikai Mbianyor 2, Fanny N Dissak-Delon 3, Thompson Kingue 3, Richard L Njock 3, Catherine Juillard 2, Alain Chichom-Mefire 4
1Program for the Advancement of Surgical Equity, 2Mefire - Ministry of Health of Cameroon, 3Medical University of Vienna, Vienna, Austria

PW7.06 SUCCESSFUL TRAUMA SURGEON-LED INTRODUCTION AND ORGANIZATION OF A STOP THE BLEED-PROGRAM IN THE NETHERLANDS: FROM OPINION PAPER TO NATIONAL STANDARDIZATION
Leo Geeraets 1,*, Jeannette Keus 2, Ingrid Ambagtshser 3, Diane Scholler 4, Louise van Bohemen 4, Danielle Bonink 2, Christien van Santen 3, Frank Bloemers 1
1Surgery, Amsterdam UMC, location VUmc, 2Trauma Area Network NorthWest, 3VUmc Academy, 4Innovation Exchange Amsterdam, Amsterdam, Netherlands

TRAUMA SURGERY – Group 2
Modерators: Martin Schreiber, USA
Anders Hoftan, Norway

PW7.07 THORACOSCOPIC SUTURING OF LEFT VENTRICULAR WOUND IN THORACOABDOMINAL STAB WOUND.
A.E. Vojnovskiy 1,*, Mark Tokarev 1, Elena Belych 1
1Institute of Tendon and Bone Regeneration, 2University Clinic for Orthopedics and Traumatology, Paracelsus Medical University, Salzburg, Austria
THE MATHEMATICAL MODEL OF POSTOPERATIVE MORTALITY IN CASES OF DUODENAL INJURIES: A SINGLE CENTER REVIEW OF A 14-YEAR EXPERIENCE
Igor A. Kryvoruchko 1, Valerie V. Boyko 1, Roman A. Riabtsev 2
1Kharkiv National Medical University, 2Institute of General and Emergency Surgery, Kharkiv, Ukraine

CHALLENGES IN TRAUMA MANAGEMENT DURING THE COVID-19 PANDEMIC IN ALBANIA.
Agron Dogjan 1, Luan Nikollari 2, Dritan Cobani 3, Kastriot Haxhirexha 4
1General Surgery, University of Medicine, 2STATISTICS, 3General Surgery, University Hospital of Trauma, Tirana, Albania, 4General Surgery, The State University of, Tetovo, North Macedonia

IS A REGIONAL AIR AMBULANCE SYSTEM COST-EFFECTIVE?
Wei-Yi Shi 1, Gui-Xi Zhang 1, Kai-Lin Lu 1, Gholam Obulkasim 1, Ke-Jin Chen 1, Joe King Man Fan 1
1The department of Surgery, University of Hong Kong-Shenzhen Hospital, Shenzhen, China

TRAUMA SURGERY – Group 3
Moderators: Timothy C. Hardcastle, South Africa
Krista Kaups, USA

NON-COMBAT NECK VESSELS INJURIES, SINGEL CENTER EXPERIENCE
Egan Leonidovich Kalmykov 1, Alijon Gaibov 2, Dzavli Sultanov 2, Okil Nematzoda 2
1Vascular Surgery, Brandenburg Medical School "Theodor Fontane", Municipal Hospital of Brandenburg/Havel, Brandenburg/Havel, Germany, Brandenburg an der Havel, Germany, 2Vascular Surgery, Republican scientific center of cardiovascular surgery, Dushanbe, Tajikistan

THORACOSTOMY IN THE ERA OF COVID 19 WHAT IS THE DIFFERENCE?
Amer Hashim Al Ani 1, Heba AbuZayda 2, Hala Ahmed 2, Majd AlObied 3, Vidya Jakapure 4
1Ajman University. College of Medicine, Ajman, 2Sharjah University. College of Medicine, Sharjah, United Arab Emirates, 3Emergency surgery, Kings College Hospital, London, United Kingdom, 4Education, training & Research, Sheikh Khalifa Medical City, Ajman, United Arab Emirates

PREHOSPITAL CORE TEMPERATURE MEASUREMENT IN TRAUMA PATIENTS: BACK TO THE CORE
Mozdalefa Azarkane 1, Tim.W.H Rijnhout 2, Heather McLellan 3, Edward.C.T.H Tan 1
1Traumasurgery, Radboud UMC, Nijmegen, 2Traumasurgery, Al Ain Hospital, Abu Dhabi, 3Advanced Studies in Critical Care Nursing, Mount Royal University, Calgary, Canada

CAMEL-RELATED HEAD INJURY IN A HIGH-INCOME DEVELOPING COUNTRY
Ashraf F Hefny 1, Mohamed A Hefny 2, Mohamed A Al-Ali 3, Hussam M Mousa 1
1Surgery Department, COLLEGE OF MEDICINE AND HEALTH SCIENCES, UAE UNIVERSITY, Al Ain, United Arab Emirates, 2Surgery Department, Ain Shams Faculty of Medicine, Cairo, Egypt, 3Department of Otolaryngology, COLLEGE OF MEDICINE AND HEALTH SCIENCES, UAE UNIVERSITY, 4Department of Otolaryngology, Al Ain Hospital, Al Ain, United Arab Emirates

MANAGEMENT OF STERNAL FRACTURE IN A COMMUNITY-BASED HOSPITAL
Ashraf F Hefny 1, Fathima T Kunhivalappil 2,4, Muhammad S Abdul Rahman 14, Taoufik Zoubeidi 6
1Surgery Department, COLLEGE OF MEDICINE AND HEALTH SCIENCES, UAE UNIVERSITY, Al Ain, 2Radiology Department, Sheikh Khalifa Medical City, 4Radiology Department, Al Rahba Hospital, 6Surgery Department, Sheikh Khalifa Medical City, 7Surgery Department, Al Rahba Hospital, Abu Dhabi, 3Department of Statistics, United Arab Emirates University, Al Ain, United Arab Emirates

PATTERNS, SEVERITY AND OUTCOME OF PAEDIATRIC INJURIES IN CAMEROON
Nana Theophile Chunteg 1, Ngo-Yamben Marie Ange 2, Pius Fokam 3, Owono Gilbert 4, Bombah Freddy 5, Muluem Kenedy 6, Chichom Alain Mefire 4
1surgery and specialties, university of buea, buea, 2surgery and specialties, university of yaounde 1, yaounde, 3surgery and specialties, 4surgery, university of buea, buea, 5surgery, university of douala, douala, 6surgery, university of yaounde 1, yaounde, Cameroon

15:30-17:00 PW8 ISS/SIC POSTER WALK (at Poster Exhibition) MISCELLANEOUS
Moderators: Matthew Walsh, USA
Samuel Shuchleib, Mexico

THE MODERN ASPECTS OF RADIATION DIAGNOSTICS OF THE NEOPLASMS OF FRONT MEDIASTINUM
Kateryna Vladimirovna Ponomarova 1, on behalf of 1, Valeriya Vladimirovitch Boyko 1, on behalf of 1, Andrey Grygorovitch Krasnoryarzhsky 2, on behalf of 2
PW8.02 CANCELLED

PW8.03 SAFETY OF SURGICAL TREATMENT OF CONGENITAL PULMONARY AIRWAY MALFORMATION (CPAM) A RETROSPECTIVE STUDY
Magdalena Sacher 1, Oliver Renz 1, Bettina Härter 1, Hannah Stunder-Ladenhauf 1, Tanja Koppensteiner 1, Dietmar Öfner-Velano 1, Florian Augustin 1
1Viszeral-, Transplantations- und Thoraxchirurgie, Universitätsklinik Innsbruck, Innsbruck, Austria

PW8.04 GEOGRAPHIC AND ECONOMICAL CORRELATION OF PEDIATRIC LIVING DONOR LIVER TRANSPLANTATION DONOR-RECIPIENT GENDER PROFILE: A SYSTEMATIC REVIEW AND META-ANALYSIS
Zhen Yu Wong 1,*, Zhi Rong Low 1, Shireen Anne Nah 1
1Division of Paediatric & Neonatal Surgery, Department of Surgery, Faculty of Medicine & University of Malaya Medical Centre, University of Malaya, Kuala Lumpur, Malaysia

PW8.05 OUTCOME OF EMERGENCY LAPAROTOMY IN A PUBLIC HOSPITAL IN MALAYSIA
Yita Tang 1,*, Chi Xuan Sam 1, Chern Wayne Kee 1, Muhammad Naim Rusman 1, Afifah Aflah Mohd Derus 1, Mahadevan Deva Tata 2, Yeou Shy Yin 3, Kandasami Palayan 1
1International Medical University, 2Surgery, CMH Specialist Hospital, Seremban, Malaysia, 3Medical University of Lodz, Lodz, Poland

PW8.06 WITHDRAWN

PW8.07 WITHDRAWN

PW8.08 TOWARDS A LOW COST MONITOR-BASED AUGMENTED REALITY TRAINING PLATFORM FOR AT-HOME ULTRASOUND SKILL DEVELOPMENT
Marine Shao 1, Tamara Vagg 2, Mitchell Doughty 3
1CFPR, UWE, Bristol, United Kingdom, 2Cork Centre for Cystic Fibrosis + School of Computer Science and IT, University College Cork, Cork, Ireland, 3Department of Medical Biophysics, University of Toronto, Ontario, Canada

PW8.09 TAMSULOSIN ADMINISTRATION FOR THE PREVENTION OF URINARY RETENTION AFTER INGUINAL HERNIA REPAIR
Georgios Koukoulis 1,*, Konstantinos Bouliaris 1, Konstantinos Tepetes 1
1Faculty of Medicine, University of Thessaly, Larissa, Greece

PW8.10 COMPLEX ABDOMINAL WALL RECONSTRUCTION WITH BIOLOGIC MESH FOR VENTRAL HERNIA REPAIR IN SOLID ORGAN TRANSPLANT RECIPIENTS: PRACTICAL TIPS AND TRICKS
Kenji Okumura 1, Abbas Smiley 1, Lulejeta Latifi 2, Seigo Nishida 1, Roxana Bodin 1, Rifat Latifi 1, 1
1Surgery, Westchester Medical Center, NYMC, Valhalla, 2University of Arizona, Phoenix, United States

PW8.11 ENDOMETRIAL STROMAL SARCOMA OF THE TRANSVERSE MESOCOLON – A CASE REPORT
Guilherme Ribeiro Silva Seráfim Santos 1,*, Filipa Tarê 1, Beatriz Mourato 1, Sara Morais 1, Tamiris Mogne 1, Natacha Andrade 1, Beatriz Cordeiro 1, Ilda Barbosa 1
1General Surgery, Unidade Local de Saúde do Norte Alentejano, Portalegre, Portugal

PW8.12 EVALUATION OF VECTRA® XT 3D SURFACE IMAGING TECHNOLOGY IN MEASURING BREAST SYMMETRY AND BREAST VOLUME.
My Pham 1,*, Farid Meybodi 1
1Breast Institute, Westmead Hospital, Westmead, Australia
POSTER EXHIBITION

Poster Exhibition ISS/SIC
Posters in the category Poster Exhibition will be displayed in the e-Poster Area during the entire congress.

PE001  THORACIC ENDOVASCULAR REPAIR (TEVAR) TO TREAT VARIOUS THORACIC/THORACOABDOMINAL AORTIC LESIONS - ROLE OF COVERING/OVERSTENTING THE LEFT SUBCLAVIAN ARTERY (LSA): A RETROSPECTIVE COHORT STUDY
Mohammad Ghanem1, Frank Meyer2, Zuhir Halloul1
1Division of Vascular Surgery, Dept. of General, Abdominal, Vascular and Transplant Surgery, 2Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PE002  DIAPHRAGMATIC Plication – 5 YEARS SINGLE CENTER EXPERIENCE
Pedro Silvestre Miranda1, Pedro Azevedo1, Inês Sousa2, Paulo Calvinho3
1General Surgery, Hospital Beatriz Ângelo, Lisbon, 2General Surgery, Centro Hospitalar de Leiria, Leiria, 3Thoracic surgery, Centro Hospitalar Lisboa Central, Lisbon, Portugal

PE003  A 25-YEAR-OLD MEDIASTINUM INTRUDER
Isadora Frick De La Maza1, Peter Schraverus1, Patrick Van Ruyssevelet1
1Surgery, Jolimont, La Louvière, Belgium

PE004  PRIMARY CLOSURE STILL HAS A ROLE IN PRE-PUBERTAL PILONIDAL SINUS DISEASE, WHEREAS RECURRENTNESS WAS NOT INFLUENCED BY THE TYPE OF PROCEDURE IN ADOLESCENTS – A RETROSPECTIVE MULTICENTRIC ANALYSIS
Sophie K. M. Maasewerd1, Maria-Christina Stănescu2, Tatjana T. König2, Marie N. Engels3, Stephan Rohleder2, Martin Schwind2, Andreas C. Heydweiller3
1Klinik für Kinderchirurgie, St. Marien Hospital, Bonn, 2Klinik und Poliklinik für Kinderchirurgie, Universitätmedizin Mainz, Mainz, 3Sektion Kinderchirurgie, Klinik und Poliklinik für Allgemein-, Viszeral-, Thorax- und Gefäßchirurgie, Universitätsklinikum Bonn, Bonn, Germany

PE005  OUTCOME OF THE BISHOP-KOOP ENTEROSTOMY IN THE TREATMENT OF INTESTINAL ATRESIA
Alain Chichom Mefire1,2
1Surgery, regional hospital, limbe, 2Surgery and specialty, university, buea, Cameroon

PE006  LIPOBLASTOMA AS RARE SOFT TISSUE TUMOR LESION IN AN INFANT
Salmai Turial1, Hardy Krause1, Alexey Surov2, Frank Meyer2, Zuhir Halloul4
1Division of Pediatric Surgery, Dept. of General, Abdominal, Vascular and Transplant Surgery, 2Dept. of Radiology and Nuclear Medicine, 3Dept. of General, Abdominal, Vascular and Transplant Surgery, 4Division of Vascular Surgery, Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PE007  TRAUMATIC EVISCERATION OF THE STOMACH FOLLOWING AN IMPALEMENT INJURY
Dorcas Nyanit Bob1,2, Irene Kouna Tsala2, Alain Chichom Mefire2
1Surgery, regional hospital, limbe, 2Surgery, central hospital, yaounde, Cameroon

PE008  GASTRIC HISTOLOGICAL FINDINGS IN MORBIDLY OBESE SUBJECTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY
Ana Burgos1, José Herranz2, Italo Braghetto1
1Departamento de Cirugía, 2Departamento de Anatomía Patológica, Hospital Clínico de la Universidad de Chile, Santiago, Chile

PE009  ACUTE APPENDICITIS IN THE GERIATRIC POPULATION: IT’S NOT A RARE DIAGNOSIS ANYMORE
Sintja Lapsa1, Arturs Ozolins12, Inga Nalviļa2, Ilze Strumfa4, Janis Gardoņskis12
1Department of Surgery, Pauls Stradiņš Clinical University Hospital, 2Department of Surgery, Riga Stradins University, 3Department of Radiology, Pauls Stradiņš Clinical University Hospital, 4Department of Pathology, Riga Stradiņš University, Riga, Latvia

PE010  FACTORS INFLUENCING POSTOPERATIVE URINARY RETENTION AFTER INGUINAL HERNIA REPAIR
Georgios Koukoulis1, Konstantinos Bouliaris1, Konstantinos Tepetes1
1Faculty of Medicine, University of Thessaly, Larissa, Greece

PE011  INCARCERATED HIATAL Hernia – A CASE REPORT
Sara Morgado Morais1, Beatriz Mourato1, Nuno Pratas1, Tamiris Mogne1, Guilherme Santos1, Natacha Andrade1, Beatriz Cordeiro1, Ilda Barbosa1
1Unidade Local de Saúde do Norte Alentejano, Portalegre, Portugal
PE012  ACUTE ABDOMEN AND PREVIOUS SURGERY PITFALLS
Susana Henriques1,2, Filipa Santos1, Maria João Lima3,4, Afonso Gonçalves2, João Corte Real1, Paulo Matos Costa5
1General Surgery, 2Department of Radiology, Hospital Garcia de Orta, Almada, 3Faculdade de Medicina, Universidade de Lisboa, Lisboa, Portugal

PE013  PYLEPHLEBITIS: RARE COMPLICATION OF ACUTE APPENDICITIS
Elina Tauvēnā1,2, Arturs Ozoliņš2, Sintija Sausa1, Raimo Stucka1, Tatjana Tone1, Maija Radzīņa1, Jānis Gardovskis1
1Pauls Stradiņš Clinical University Hospital, 2Riga Stradiņš University, Riga, Latvia

PE014  CASE REPORT: UNUSUAL CASE OF SMALL BOWEL OBSTRUCTION - POSTOPERATIVE HERNIA, ADHESIONS AR GALLSTONE?
Nora Karklina1
1Surgical Department, North Kurzeme Regional Hospital, Ventspils, Latvia

PE015  PROFILE OF RARE PERITONEAL TUMOR LESIONS - DIAGNOSES, SURGICAL INTERVENTION AND OUTCOME AT A TERTIARY CENTER OF ABDOMINAL SURGERY (REPRESENTATIVE CASE SERIES)
Fredrike Weber1, Christine March2, Kai Eger3, Aristotelis Perrakis1, Roland S. Croner1, Frank Meyer1
1Dept. of General, Abdominal, Vascular and Transplant Surgery, 2Dept. of Radiology and Nuclear Medicine, 3Institute of Pathology, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PE016  JUVENILE GRANULOSA CELL TUMOR OF THE OVARY: A RARE CASE OF RETROPERITONEAL RECURRENTnce
Joana Seabra1, André Silva1, Xavier Sousa1, Isa Santos1, Rita Baia1, Joana Almeida1, Margarida Correia1, Luís Cortez1
1General Surgery, Centro Hospitalar de Setúbal, Setúbal, Portugal

PE017  BENIGN METASTASIZING LEIOMYOMA, NOT SO BENIGN NOW...
Pedro Azevedo1,2, Pedro Miranda3, Juliana Filipe3, Fernando Cunha3, Hugo Vasques1, Nuno Abecasis1
1General Surgery, IPO Lisboa, 2General Surgery, Hospital Beatriz Ângelo, 3Anatomical Pathology, IPO Lisboa, Lisboa, Portugal

PE018  SPONTANEOUS NON-TRAUMATIC PERFORATION OF THE BLADDER IN AN ELDERLY PATIENT WITH CHRONIC BLADDER CATHETERIZATION: A RARE CAUSE OF ACUTE ABDOMEN
Polyvios Arseniu1, Dimitrios Panagiotou1, Konstantinos Georgios Tsantos1, Dimitris Papagoras1 and Georgios Papanasileiou, Maria Kanara1
1Surgery, General Hospital of Trikala, Trikala, Greece

PE019  LIVER METASTASIS 18 YEARS AFTER RETROPERITONEAL LEIOMYSARCOMA RESECTION
Kristine Pavlovica1, Arturs Ozolins1, Maris Sperga1, Mara Liepa1, Janis Gardovskis1
1Pauls Stradins Clinical University Hospital, Riga, Latvia

PE020  INTRAPERITONEAL HEMATOMA AS A DIFFERENTIAL DIAGNOSIS OF MESOTHELIOMA: A CASE REPORT ABOUT A PATIENT WITH PERITONEAL THICKNESS
Felix Hönes1, Philipp Horvath1, Alfred Königsrainer1
1Department of General, Visceral and Transplant Surgery Tübingen, Tübingen, Germany

PE021  PNEUMOPERITONEUM IN INCISIONAL HERNIA AFTER LIVER TRANSPLANT
Jaime Rappoport1, Diego Valenzuela1, Jaime Carrasco1, Alvaro Morales1, Jose Antonio Estruga1, Carlos Jauregui1, Carlos Dominguez2
1surgery, university of chile, clinic hospital, 2surgery, university of chile, clinic hospital, santiago, Chile

PE022  COMPARISON OF TWO DIFFERENT HEMOSTATICS AGENTS IN THE PROCEDURE OF THYROIDECTOMY.
Sabaretnam Mayilvaganan1,2, VNSSVAMS Mahalakshmi1, Sarrah Idrees1, PRK Bhargav1, Sapana Bothra1, Amit Agarwal1
1Department of Endocrine and breast surgery, SANJAY GANDHI INSTITUTE OF MEDICAL SCIENCES, Lucknow, India

PE023  CONSERVATIVE TREATMENT OF IDIOPATHIC SPONTANEOUS PNEUMOPERITONEUM
Marina Epstein1, Gabriel Maccapani1, Franco Sapuppo1, Marilia Fernandes1, Luis Roberto Nadal1
1ALBERT EINSTEIN HOSPITAL, São Paulo, Brazil

PE024  DEPRESSION IN SOMATIC DISEASES WITH THE EXAMPLES OF CORONARY HEART DISEASE AND TUMOR DISEASES - CONSIDERABLE RELEVANCE FOR MORBIDITY AND MORTALITY
Silke Dombrowsky1, Giselher Pfau2, Moritz Kretzschmar2, Frank Meyer2,3, Michael Brinkers2
1Dept. of Anesthesiology and Pain Therapy, Center of Anesthesiology and Intensive Care, Municipal Hospital ("Klinikum Magdeburg GmbH"), 2Division of Pain Therapy, Dept. of Anesthesiology and Intensive Care, 3Dept. of
PE025  **ANTICONVULSIVES OR ANTIDEPRESSANTS - WHAT IS BETTER IN NEUROPATHIC PAIN?**  
Michael Brinkers¹, Giselher Pfau¹, Frank Meyer²  
¹Division of Pain Therapy, Dept. of Anesthesiology and Intensive Care, ²Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PE026  **SURGEON’S RESPONSIBILITY REGARDING MALPRACTICE ANALYSIS OF 416 CASES BECOMING LAWSUITS**  
Marcos Ramirez¹  
¹Medical Responsibility, Medical Legal Service, Santiago, Chile

PE027  **OVEREMPLOYED AND UNDERAPPRECIATED; MRCP USE IN AN ACUTE SURGICAL UNIT RARELY CHANGES MANAGEMENT, DELAYS DISCHARGE AND COMPOUNDS HOSPITAL COSTS**  
Georgia Therese Cox¹, Justin Singh Gundara²  
¹Logan Hospital, Meadowbrook, ²Griffith University, Gold Coast, Australia

PE028  **HOW DID THE COVID-19 PANDEMIC AFFECT THE NUMBER OF DIGESTIVE SURGERIES AT A JAPANESE UNIVERSITY HOSPITAL?**  
Masaru Aoki¹, Shintaro Yamazaki¹, Osamu Aramaki¹, Hisashi Nakayama¹, Tokio Higaki¹, Hiroharu Yamashita¹, Tadatoshi Takayama¹, Yukiyasu Okamura¹  
¹Surgery, Division of Digestive Surgery, Nihon University School of Medicine, Tokyo, Japan

PE029  **WHERE ARE WE GOING IN BREAST CANCER SURGERY?**  
My Pham¹, Farid Meybodi¹  
¹Breast Institute, Westmead Hospital, Westmead, Australia

PE030  **PROPER HANDLING, CONTROL MEASURES AND INDICATED TRENDS OF CURRENTLY RECOMMENDED CANNABIS USE IN DAILY CLINICAL INCLUDING SURGICAL PRACTICE (INITIAL SYSTEMATIC RESULTS)**  
Colin Brinkers¹, Michael Brinkers¹, Giselher Pfau¹, Frank Meyer²  
¹Division of Pain Therapy, Dept. of Anesthesiology and Intensive Care, ²Dept. of General, Abdominal, Vascular and Transplant Surgery, University Hospital of Magdeburg (Germany), Magdeburg, Germany

PE031  **RISK OF POSTOPERATIVE DEATH AFTER EMERGENCY SURGERY IN COVID POSITIVE PATIENTS.**  
Ruslan Zavatskyi¹, Krzysztof Korneta¹, Sławomir Bednarz¹, Antoni Bazielich¹, Andrzej L Komorowski¹  
¹Department of Surgery, College of Medicine, University of Rzeszow, Rzeszow, Poland

Poster Exhibition IATSC

PE032  **PANCREATIC INJURIES IN SOUTHERN MALAYSIA: WHAT OUR REGISTRY TELLS US**  
Muhammad Izwan Ismail¹, Noridayu Mohamed¹, Yuzaidi Mohamad¹, Rizal Imran Alwi¹  
¹Hospital Sultanah Aminah Johor Bahru, Johor Bahru, Malaysia

PE033  **PEDIATRIC SPLENIC INJURIES: OUTCOME IN A LEVEL I TRAUMA CENTER IN BRAZIL**  
Luis Donizeti da Silva Stracieri¹, Mauricio Godinho¹, Thiago Henrique Sigoli Pereira¹, Rafael Borella Pelosi¹, Rafael Muller¹, Jorge Luiz Garnesecca¹, Dino Cesar Pereira Motta¹, Sandro Scarpelini¹  
¹ANATOMY AND SURGERY, HOSPITAL DAS CLÍNICAS DE RIBEIRÃO PRETO - SAO PAULO - BRAZIL, RIBEIRÃO PRETO, Brazil

PE034  **CHEST INJURIES IN A MALAYSIAN HOSPITAL**  
Muhammad Izwan Ismail¹, Jia Chyi Tay¹, Raymond Zhun Ming Lim¹, Ainnur Syafiqah Md Hisham¹, Zulfani Arianti Zakaria¹, Noridayu Mohamed¹, Yuzaidi Mohamad¹, Rizal Imran Alwi¹  
¹Hospital Sultanah Aminah Johor Bahru, Johor Bahru, Malaysia

PE035  **MINIMALLY INVASIVE APPROACH TO TRAUMA INJURY**  
Inês Sousa¹, Rita Pereira², Pedro Miranda², Sara Patrocinio², Paulo Calvinho⁴  
¹General Surgery, Centro Hospitalar de Leiria, Leiria, ²General Surgery, Centro Hospitalar Barreiro-Montijo, ³General Surgery, Hospital Beatriz Angelo, ⁴Thoracic Surgery, Centro Hospitalar Lisboa Central, Lisboa, Portugal

PE036  **MONSTROUS PSEUODANEURYSM OF THE SUBCLAVIAN ARTERY SECONDARY TO CLAVICLE FRACTURE**  
Udo Barth¹, Dennis Granowski¹, Susann Stephan-Falkenau², Frank Meyer³  
¹Department general, vascular, visceral surgery, Helios Klinik Jerichower Land, Burg, ²MVZ at the Helios Klinikum

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PE037 COMPARISON OF EFFICIENCY OF ANIMATION VIDEO VS SIMULATION MODELS FOR UNDERSTANDING OF BREAST SELF EXAMINATION (BSE) IN NORTH INDIAN WOMEN
Sabaretnam Mayilvaganan1, Sarrah Idrees1, G C1, Anjali Mishra1, gaurav agarwal1, Amit Agarwal1
1Department of Endocrine and breast surgery, SANJAY GANDHI INSTITUTE OF MEDICAL SCIENCES, Lucknow, India

PE038 VALIDATION OF INDIAN MODEL FOR BREAST SELF EXAMINATION
Sabaretnam Mayilvaganan1, Sarrah Idrees1, Anjali Mishra1, gaurav agarwal1, Amit Agarwal1
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PE039 WITHDRAWN

PE040 INITIAL EXPERIENCE OF ROBOT-ASSISTED SURGERY FOR THE MANAGEMENT OF BENIGN BREAST TUMOR
Se Hyun Paek1, Woosung Lim1, Byung-In Moon1
1GS, EUMC, Seoul, Korea, Republic Of

PE041 ROLE OF CONTRAST ENHANCED MAGNETIC RESONANCE IMAGING IN EVALUATION OF AXILLA IN PATIENTS WITH BREAST CARCINOMA: A PROSPECTIVE OBSERVATIONAL STUDY
Prashant Kumar Singh1, Vivek Rathi2, Chandan Kumar Jha2, Manoj Kumar1, Upasana Sinha2, Ruchi Sinha2
1Department of General Surgery, 2Department of General Surgery (Endocrine Surgery), 3Department of Radiodiagnosis, 4Department of Pathology, All India Institute of Medical Sciences, Patna, India

PE042 COMPARATIVE STUDY OF ROLE OF INDOCYANINE GREEN COMBINED WITH METHYLENE BLUE DYE VERSUS METHYLENE BLUE DYE ALONE IN SENTINEL LYMPH NODE BIOPSY IN BREAST CANCER PATIENTS RECEIVING POST NEOADJUVANT CHEMOTHERAPY
Kushagra Gaurav1, Gowri Charan1, Kul Ranjan Singh2, Abhinav Arun Sonkar1, Akshay Anand1
1General Surgery, 2Endocrine Surgery, King George Medical University UP, Lucknow, India

PE043 “LOW AXILLARY LYMPH NODE SAMPLING (LAS) IN POST NEOADJUVANT CHEMOTHERAPY CLINICALLY NODE NEGATIVE BREAST CANCER PATIENTS: TERTIARY CARE CENTRE EXPERIENCE IN A DEVELOPING COUNTRY”
Vikram Sharanappa1, anjali mishra1, niraj kumar2, gaurav agarwal1, sabaretnam M1, gyan chand1, amit agarwal1, SK mishra1
1Endocrine surgery, 2pathology, sanjay gandhi post graduate institute of medical sciences, LUCKNOW, India

PE044 ROLE OF WEB BASED APPLICATION (E-CANCER CARE) IN BREAST CANCER PATIENTS IN A DEVELOPING COUNTRY
Abhinav Arun Sonkar1, Smita Verma1, Kushagra Gaurav1, Kul Ranjan Singh2, Akshay Anand1
1General Surgery, 2Endocrine Surgery, King George Medical University UP, Lucknow, India

PE045 PATTERN OF CARE AND RESOURCE UTILIZATION IN EARLY-STAGE BREAST CANCER PATIENTS IN A DEVELOPING COUNTRY
Prashant Kumar Singh1, Chandan Kumar Jha2
1Department of General Surgery, 2Department of General Surgery (Endocrine Surgery), All India Institute of Medical Sciences, Patna, India

PE046 EXERCISE ONCOLOGY (THERAPY) FOR BREAST CANCER PATIENTS: MOVING FORWARD AS ADJUVANT THERAPY
Jay K Harness1, Karen Wonders1
1Surgery, Providence St. Joseph Hospital Center for Cancer Prevention and Treatment, Orange, United States

PE047 A PROSPECTIVE STUDY TO DETERMINE HORMONAL RECEPTORS, HER2 NEU STATUS ACCURACY IN PREOPERATIVE CORE NEEDLE BIOPSY IN INVASIVE BREAST CARCINOMA IN COMPARISON TO EXCISIONAL BIOPSY
Somendra Pal Singh1, Shailendra Pal Singh1, Vipin Gupta1, Nadeem Akram2, Shivali Singh1
1GENERAL SURGERY, U P UNIVERSITY OF MEDICAL SCIENCES, SAIFAI, ETAWAH, Etawah, 2GENERAL SURGERY, Integral Institute of Medical Sciences, Lucknow, India
PE048  “A STUDY OF HER2NEU STATUS IN PRIMARY BREAST CANCER AND METASTATIC AXILLARY LYMPH NODES WITH PEARLING ON POST OPERATIVE TARGETED THERAPY”
Varsha Anand1, Srireenu patrapalli hadipanna2
1General Surgery, Sri Devaraj Urs Medical College, Bangalore, India

PE049  THE DELAYED-STEROID-STRATEGY (DSS) FOR IDIOPATHIC GRANULOMATOUS MASTITIS DURING THE COVID-19 PANDEMIC: A RETROSPECTIVE CASE SERIES
Norlia Abdullah1,2, Mohamad Farhan Mohamad Yusoff2
1Surgery, UKM Medical Centre, Kuala Lumpur, 2Surgery, Universiti Sains Islam Malaysia, Kajang, Malaysia

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PE050  ADDITIONAL MALIGNANCIES IN PATIENTS RESECTED FOR ESOPHAGEAL CANCER.
Joerg Lindemann1, Nicole Fink-Neuboek1, Melanie Fediuk1, Angelika Terbuch2, Udo Smolle1, Josef Smolle1, Frejya Maria Smolle-Juettner1
1Department of Surgery, Medical University of Graz, Austria, Division of Thoracic and Hyperbaric Surgery, 2Department of Internal Medicine, Medical University of Graz, Division of Oncology, 3Institute of Medical Informatics, Statistics and Documentation, Medical University of Graz, Graz, Austria

PE051  COMPARISON OF LOSS OF ABDOMINAL MUSCLE MASS RESULTING FROM PRE-SURGICAL TREATMENT (CHEMOTHERAPY) VERSUS THAT RESULTING FROM THE SUBSEQUENT SURGERY IN ESOPHAGEAL CANCER PATIENTS.
Balaji Jayasankar1, Kirollos Abdelsaid1, Imogen McMurray1, Haythem Ali1, Ian Swaine2
1General Surgery, Maidstone and Tunbridge Wells NHS, UK, Tunbridge Wells, 2School of Human Sciences, The University of Greenwich, London, United Kingdom

PE052  IMPROVING SHORT-TERM OUTCOMES FOR EARLY GASTRIC CANCER. DATA OF THE FIRST 5 YEARS OF ROBOTIC ASSISTED GASTRECTOMY IN A SOUTH AMERICAN CANCER INSTITUTION.
Raúl Pinilla-Morales1, Silvia Guerrero-Macias1, Ricardo Oliveros-Wilches1, Helena Facundo1, Oscar Guevara1, Jorge Velez1, Ana Bonilla1, Carlos Carvajal1
1Gastrointestinal Surgery, Instituto Nacional de Cancerología, Bogotá, Colombia

PE053  LAPAROSCOPIC CYTODEDUCTIVE SURGERY AND HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY FOR PERITONEAL METASTASES FROM GASTRIC CANCER: EARLY EXPERIENCE FROM A CENTER OF EXCELLENCE IN COLOMBIA
Jorge L Gomez-Mayorga1, Jorge M Otero-Bernal1, Eduardo E Londono-Schimmer1, Natalia Cortes-Murgueitio1, Camilo E Cetares-Salas1, Martha C Mora-Lozoano1, Alexandra Bastidas-Santacruz1, Fernando Arias-Amezquita1,2 and Clinical Care Center for Peritoneal Neoplasms
1Surgery, Clinical Care Center for Peritoneal Neoplasms, Fundación Santa Fe de Bogotá, Bogotá, Colombia

PE054  HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY (HIPEC) IN GASTRIC CANCER – SINGLE CENTER EXPERIENCE
Pedro Silvestre Miranda1, Pedro Azevedo1, Mafalda Fernandes1, Catarina Figueira1, Gonçalo Luz1, Diogo Albergaria1, Rita Garrido1
1General Surgery, Hospital Beatriz Ángelo, Lisbon, Portugal

PE055  EMERGENCY APPLICATIONS AFTER BARIATRIC SURGERY: MOST COMMON CAUSES AND RESULTS DETECTED. IS IT POSSIBLE TO PREVENT UNNECESSARY APPLICATIONS? EVALUATION OF EMERGENCY DEPARTMENT VISITS IN POSTOPERATIVE 30 AND 90 DAYS.
Sezer Bülüt1, Yasir Musa Kesgin2, Eyüp Gemicioğlu1, Hakan Seyit1, Osman Könes3, Burak Atar3, Mehmet Karabulut3
1General Surgery, Beylikdüzü State Hospital, Istanbul, 2General Surgery, Adiyaman Gölbaşı State Hospital, ADIYAMAN, 3General Surgery, Bakirkoy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

PE056  MOLECULAR LANDSCAPE OF LOCALIZED AND ADVANCED INTRAHEPATIC CHOLANGIOCARCINOMA
Kimberly Washington1, Iphigenie Bugingo2, Skye Mayo1, Robert Eil1, Erin Maynard3, Susan Orloff2, Charles Kristian Enestvedt2, Flavio Rocha1
1School of Oncology, 2School of Medicine, 3Abdominal Organ Transplantation, 4Surgical Oncology, Knight Cancer Institute, Oregon Health & Science University, Portland, United States

PE057  VALIDATION OF FONG’S CLINICAL RISK SCORE FOR RESECTION OF LIVER METASTASES FROM COLORECTAL CANCER IN A TEACHING HOSPITAL
Natalia Reyes1, Julian Hernández1, Lukas Canales1, Alexandre Sauré1, Jaime Castillo1, Hanns Lembach1, Omar Orellana1, Juan Carlos Diaz1 and Department of Hepatobiliary Digestive Surgery
1Clinical Hospital University of Chile, Santiago, Chile

PE058  OUTCOMES IN COLORECTAL CANCER LIVER METASTASIS – RETROSPECTIVE STUDY OF A SINGLE CENTER
Sarcopenia Negatively Impacts Recurrence Rates of CRLM After Liver Resection

Is the Size of Hydatid Liver Cysts Influential on the Frequency of Lethal Outcomes and Complications?

Surgical Two-Stage Treatment of Refractory Ascites in Patients with Decompensated Liver Cirrhosis

Gallbladder Paraganglioma with Hemorrhage

Laparoscopic Bile Duct Exploration (LCBDE) in Patients with Choledocholithiasis. 8-Year Experience in a Single Institution with a 2-Year Follow-up Period.

Novel Therapeutic Options of EUS-Guided Intervention for Cholangiolithiasis in Changed Anatomy of the Upper GI Tract After Previous Abdominal Surgery - Real-World Data Obtained from a Unicenter Observational Endoscopy Study

Cysto-Biliary Communication in Cystic Liver Echinococcosis – Is There a “Best” Technique?

Laparoscopic Bile Duct Exploration: An Institution Experience

Spontaneous RUPTURE of an INTRAHEPATIC BILE DUCT (IBD) Causing Biliary Peritonitis in a Patient with ACUTE CHOLANGITIS

RARS2 Promotes Invasion and Chemoresistance of PDAC by P53-Dependent Apoptosis Signaling

Early Versus Later Endoscopic Drainage in Post-Inflammatory Pancreatic Necrotic Collections

Pedro Azevedo¹, Pedro Miranda¹, Mafalda Fernandes¹, Catarina Figueira¹, Pedro Amado¹, José Pereira¹, Rita Garrido¹
¹General Surgery, Hospital Beatriz Ângelo, Lisboa, Portugal

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¹University in Toruń, Toruń, Poland
²International Surgical Week ISW 2022
PE071  ENDOSCOPIC TREATMENT OF POST-INFLAMMATORY PANCREATICOPLEURAL FISTULAS
Mateusz Jagielski¹, Jacek Piątkowski¹, Marek Jackowski¹
¹Department of General, Gastroenterological and Oncological Surgery, Collegium Medicum, Nicolaus Copernicus University in Toruń, Toruń, Poland

PE072  PERCUTANEOUS ENDOSCOPIC NECROSECTOMY IN THE TREATMENT OF WALLED-OFF PANCREATIC NECROSIS
Mateusz Jagielski¹, Jacek Piątkowski¹, Marek Jackowski¹
¹Department of General, Gastroenterological and Oncological Surgery, Collegium Medicum, Nicolaus Copernicus University in Toruń, Toruń, Poland

PE073  EVALUATION OF PERIOPERATIVE AND QUALITY OF LIFE OUTCOMES ALONG WITH COST EFFECTIVENESS IN LAPAROSCOPIC TARM REPAIR FOR VENTRAL HERNIA: A PROSPECTIVE OBSERVATIONAL STUDY
Awanish Kumar¹, Almas Fatma¹, Ajay Kumar Pal¹, Harvinder Singh Pahwa¹, Abhinav Arun Sonkar¹
¹General Surgery, King George’s Medical University UP, Lucknow, India

PE074  APPROACH TO THE PATIENT WITH BOWEL OBSTRUCTION
Cláudia Lima¹, Inês Arnaud¹, Cristina Monteiro¹, João Mendes¹, José Paulo Couto¹, Cristina Silva¹, Teresa Almeida¹, Alberto Midões¹
¹General Surgery, ULSAM, Viana do Castelo, Portugal

PE075  SURGICAL TREATMENT OF ACUTE SMALL BOWEL OBSTRUCTION: CLINICAL, LABORATORY AND INSTRUMENTAL PARAMETERS ASSOCIATED WITH STRANGULATION AND SHORT-TERM IN-HOSPITAL MORTALITY AFTER SURGERY
Igor A. Kryvoruchko¹, Valeriy V. Boyko¹, Olexander S. Ol¹
¹Kharkiv National Medical University, Kharkiv, Ukraine

PE076  ALVARADO SCORE IN THE DIAGNOSTIC OF PAIN IN THE RIGHT LOWER QUADRANT
Paul Lada¹, christian Janikow¹, Martin Sanchez², Fabian Caballero¹, julian Martinez Peluaga¹
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PE077  HIATAL HERNIA: LATE COMPLICATION OF LAPAROSCOPIC GASTRIC BYPASS
Jorge Luis Rojas¹, Manuel Figueroa¹
¹Cirugía, Hospital Clínico de la Universidad de Chile, Santiago de chile, Chile

PE078  EFFICACY AND SAFETY OF VESSEL SEALER IN LAPAROSCOPIC APPENDECTOMY FOR SEALING THE BASE OF THE APPENDIX
Vipin Gupta¹, SHAILENDRA PAL SINGH¹, SOMENDRA PAL SINGH¹, ANAND PANDEY², Mayank Gupta¹
¹General surgery, Uttar prades university of medical sciences, Saifai, Saifai , Etawah, ²Paediatric surgery, King george medical college, Lucknow, India

PE079  COLON ONCOLOGICAL RESECTION IN A PATIENT WITH INTESTINAL MALROTATION
Susana Henriques¹, Filipa Santos¹, Afonso Gonçalves², Pedro Moniz Pereira¹, João Corte Real¹, Paulo Matos Costa¹
¹General Surgery, ²Department of Radiology, Hospital Garcia de Orta, Almada, ³Faculdade de Medicina, Universidade de Lisboa, Lisboa, Portugal

PE080  PREDICTING LONG-TERM RISK OF REOPERATIONS FOLLOWING ABDOMINAL AND PELVIC SURGERY IN A NATIONWIDE COHORT STUDY
Masja Karina Toneman¹, Pepin Krielen¹, martijn W.J. Stommel¹, Ewen A Griffiths³, Mike C. Parker⁴, Nicole Bouvy⁴, harry van Goor¹, Richard PG ten Broek³
¹Department of surgery, Radboudumc, Nijmegen, Netherlands, ²Department of Upper GI Surgery, University Hospitals Birmingham NHS Foundation Trust, Birmingham, ³Department of surgery, Darent Valley Hospital, Dartford, United Kingdom, ⁴Department of surgery, Maastricht University Medical Center, Maastricht, Netherlands

PE081  EFFECT OF EPIDURAL ANESTHESIA AND ANALGIESIA ON POSTOPERATIVE RESULTS AFTER COLORECTAL SURGERY
Yasir Musa Kesgin¹, sezer Bulut³, Eyüp Gemici¹, Hande Kandemir³, Turgut Donmez³, Cevher Akarsu³, Mehmet Karabulut³
¹General Surgery, Adiyaman Gölbaşi State Hospital, ADIYAMAN, ²General Surgery, Beylikdüzü State Hospital, ³General Surgery, Barikoy Dr. Sadi Konuk Training and Research Hospital, ⁴General Surgery, Istanbul Memorial Hizmet Hospital, ISTANBUL, Turkey
PE082 CLINICOPATHOLOGICAL FEATURES AND PROGNOSIS OF COLORECTAL NEUROENDOCRINE NEOPLASMS – DATA FROM LATVIAN GEP-NE-N STUMY GROUP.
Margarita Ptsnuka1, Arturs Ozolins2,3, Zenons Narbuts3, Arturs Truskovs2, Maris Sperga1, Haralds Plaudis1
1Department of General and Emergency Surgery, RIGA EAST CLINICAL UNIVERSITY HOSPITAL, 2Department of Surgery, Pauls Stradins Clinical University Hospital, 3Riga Stradins University, 4Pathology Center, RIGA EAST CLINICAL UNIVERSITY HOSPITAL, Riga, Latvia

PE083 SPONTANEOUS COLONIC PERFORATION IN PATIENTS WITH COVID-19 PNEUMONIA
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1General Surgery, STATE UNIVERSITY OF MEDICINE AND PHARMACY "NICOLAE TESTEMIŢANU", Chisinau, Moldova, Republic of

PE084 COMPLICATIONS & LENGTH OF HOSPITAL STAY BEFORE AND AFTER ADOPTION OF ENHANCED RECOVERY PROTOCOL BY A COLORECTAL TEAM IN A GREEK HOSPITAL
Konstantinos Koumarelas1, Stefania Lol1, Iraklis Anastasiadis2, Eufrosini Papadima2, Sarantis Mourtarakos2, Ioannis Massalis2
1General Hospital of Nafplion, Nafplion, Greece, 2General Surgery, General Hospital of Nafplion, Nafplion, Greece

PE085 EXPRESSION OF PLURIPOTENTIAL GENES (OCT-4, SOX-2, KLF-4 AND NANOG) IN PATIENTS WITH COLORECTAL CANCER TREATED SURGICALLY
Krzysztof Szmyt1,1, Jacek Szmeja1,1, Tomasz Banasiwicz1
1Poznan University of Medical Sciences, Poznań, Poland

PE086 A WEB BASED APPLICATION TO ASSESS THE ADHERENCE TO ADJUVANT TREATMENT IN COLO-RECTAL CANCER BY E-CANCER CARE VERSUS ROUTINE CARE: A NON-RANDOMISED COMPARATIVE STUDY
Akshay Anand1,1, Ashish Mishra1, Abhinav Arun Sonkar1,1, Manish Kumar Agrawal1
1General Surgery, King George Medical University UP, Lucknow, India

PE087 LIPOPOLYSACCHARIDE-BINDING PROTEIN AS A RISK FACTOR FOR DEVELOPMENT OF INFECTIOUS COMPLICATIONS IN OPERATED COLORECTAL CANCER PATIENTS
Alina Ogizbayeva1,1, Yermek Turgunov1,1, Mira Mugazov2,3, Iliya Azizov3
1Surgical Diseases, 2Anesthesiology, Resuscitation and Emergency medical care, NJSC "Karaganda Medical University", Karaganda, Kazakhstan, 3Laboratory of National Research Institute of Antimicrobial Chemotherapy, Smolensk State Medical University, Smolensk, Russian Federation

PE088 COMPARISON OF EARLY POSTOPERATIVE PERIOD AFTER CONVENTIONAL AND LAPAROSCOPIC ASSISTED RECTO SIGMOID RESECTIONS
Gustavs Laurāns1,12, Andris Gardovskis12, Kristīne Laurāne2,1
1Surgery Clinic, Pauls Stradins Clinical University Hospital, 2Faculty of Medicine, Riga Stradins University, Riga, Latvia

PE089 DIRTY MASS VOLUME AS A PROMISING PROGNOSTIC FACTOR IN COMPLICATED ACUTE DIVERTICULITIS
Arpad Panyko1,2, Marianna Hájska1, Martin Dubovsky1, Marián Vician1
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PE090 QUALITY OF LIFE OF STOMA PATIENTS IN CAMEROON. RESULTS OF A PROSPECTIVE COHORT OF 34 CASES AT THE CENTRAL HOSPITAL OF YAOUNDE
Georges Roger BWELLE MOTTO1, Guy Aristide BANG1, Joseph Cyrille CHOPKENG NGOUMFE2,2, Yannick Mahamat EKANI BOUKAR3, Fabrice TIM TIENCHTEU4, Arthur ESSOMBA1
1Surgery, Faculty of Medicine and Biomedical Sciences, 2Surgery, Limbe regional hospital, 3Surgery, Faculty of Health Science of Buea, 4Surgery, Yaounde Central Hospital, Yaoundé, Cameroon

PE091 PATTERNS OF LYMPH NODE INVOLVEMENT AND IMPACT OF NEOADJUVANT THERAPY AMONG 418 RECTAL CANCER PATIENTS UNDERGOING CURATIVE SURGERY.
Ashutosh Mishra1, Sandeep Bhorial1, Jyoutishman Saikia2, Sunil Kumar1, SVS Deo1
1Surgical Oncology, All India Institute of Medical Sciences, New Delhi, New Delhi, India

PE092 NOVEL TECHNIQUE AND COHORT STUDY: STOPPA TECHNIQUE APPROACH TO SCIATIC NOTCH CLEARANCE IN LOCALLY ADVANCED PELVIC CANcer
Saidah Sahid1, Jasvinder Daurka1, Jamie Murphy1
1General Surgery and Colorectal Surgery, 2Trauma and Orthopaedic Surgery, Imperial College Healthcare NHS Trust, London, United Kingdom

PE093 TRANSRECTAL ENDOSCOPIC DRAINAGE WITH VACUUM THERAPY IN PATIENTS WITH ANASTOMOTIC LEAKS FOLLOWING RECTAL CANCER RESECTION
Mateusz Jagielski1, Jacek Piątkowski1, Grzegorz Jarzyck1, Marek Jackowski1
PE094  USING MINIMALLY INVASIVE SPHINCTER-SPARING TECHNIQUES OF SURGICAL TREATMENT OF TRANSSPHINCTERIC ANAL FISTULAS: A FOCUS ON PRESERVING ANAL SPHINCTER FUNCTION
Igor A. Kryvoruchko, Valeriy V. Boyko, Tatyana M. Firsyk, Igor A. Antonova, Natalya M. Goncharova
1Surgery No2, 2Surgery No1, Kharkiv National Medical University, Kharkiv, Ukraine

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PE095  TUMOURAL IODINE CONCENTRATIONS PREDICTS AVIDITY IN SUBSEQUENT METASTASES IN PAPILLARY AND POORLY DIFFERENTIATED THYROID CANCER
Joachim N. Nilsson, Christel Hedman, Per Grybäck, Catharina Ihre Lundgren
1Molecular Medicine and Surgery, Karolinska Institutet, 2Department of Medical Radiation Physics and Nuclear Medicine, Karolinska University Hospital, Stockholm, 3Department of Clinical Sciences, Lund University, Lund, 4Department of Breast, Endocrine Tumours and Sarcoma, Karolinska University Hospital, Stockholm, Sweden

PE096  RADIOFREQUENCY ABLATION OF RECURRENT PAPILLARY THYROID CANCER: A PRELIMINARY US EXPERIENCE
Eric Kuo, Catherine McManus, James A Lee, Jennifer H Kuo
1Columbia University, New York, NY, United States

PE097  OUTCOMES IN DIFFERENTIATED THYROID CARCINOMA WITH PRIMARY HYPERPARATHYROIDISM
David Leong, James Foote, Anthony Glover, Mark Sywak, Stanley Sidhu
1Department of Endocrine Surgery, Royal North Shore Hospital, 2Northern Clinical School, Sydney Medical School, Sydney, Australia

Ian D Hay, Suneetha Kaggal, Robert A Lee, Michael Rivera, Siobhan Pittock, Geoffrey B Thompson
1Endocrinology, 2Mayo Clinic College of Medicine, Rochester, Minnesota, Rochester, United States

PE099  COMPLICATIONS AND PROGNOSIS OF CONVERSION SURGERY AFTER ACTIVE SURVEILLANCE AND IMMEDIATE SURGERY IN PATIENTS WITH LOW-RISK PAPILLARY THYROID CARCINOMA
Makoto Fujishima, Akira Miyachi, Yasuhiro Ito, Takuya Noda, Tsutomu Sano, Takahiro Sasaki, Taketoshi Kishi, Tomohiko Nakamura
1Surgery, 2Head and Neck Surgery, 3Internal Medicine, Kuma Hospital, Kobe, Japan

PE100  COMPARISON OF OUTCOMES BETWEEN PATIENTS WHO UNDERWENT ACTIVE SURVEILLANCE AND IMMEDIATE SURGERY FOR LOW-RISK PAPILLARY THYROID MICROCARCINOMA
Takahiro Sasaki, Akira Miyachi, Makoto Fujishima, Yasuhiro Ito, Takuya Noda, Tsutomu Sano, Taketoshi Kishi, Tomohiko Nakamura
1Head and Neck Surgery, 2Surgery, 3Internal Medicine, Kuma Hospital, 8–2–35, Shimoyamate−dori,Chuo−ku,Kobe,Japan

PE101  CLINICOPATHOLOGIC AND GENETIC CHARACTERISTICS OF PATIENTS OF DIFFERENT AGES WITH DIFFUSE SCLEROSING VARIANT PAPILLARY THYROID CARCINOMA
Soo Young Kim, Hyoek Jun Yoon, Seok-Mo Kim, Hojin Chang, Yong Sang Lee, Hang-Seok Chang, Cheong Soo Park
1Ajou University, Suwon, 2Yonsei University, Seoul, 3CHA university, Goyang-Si, Korea, Republic Of

PE102  LONG TERM OUTCOME AFTER TOXIC NODULAR GOITRE
Gabriel Sjölin, Torquill Watt, Kristina Bystöm, Jan Calissendorff, Per Karkov Cramon, Helena Filipsson Nyström, Bengt Hallengren, Göran Wallin, and Mats Holmberg, Selwan Khamisi, Mikael Lantz, Tereza Planck, Ove Töring
1Faculty of Medicine and Health, Örebro University, 2Dept. of Surgery, Örebro University Hospital, Örebro, Sweden, 3Department of Medical Endocrinology, Rigshospitalet, 4Internal Medicine Herlev Gentofte Hospital, Copenhagen University Hospital, Copenhagen, Denmark, 5Dept. of Medicine, Örebro University and University Hospital, Örebro, 6Department of Molecular Medicine and Surgery, Karolinska Institutet, 7Dept. of Endocrinology, Metabolism and Diabetes, Karolinska University Hospital, Stockholm, 8Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, 9Dept. of Endocrinology, Sahlgrenska University Hospital, 10Wallenberg Center for Molecular and Translational Medicine, Gothenburg, 11Dept. of Endocrinology, Skåne University Hospital, Malmö, 12Dept. of Clinical Sciences, Lund University, Lund, Sweden
PE103 PREDICTION OF THYROID NODULE HISTOPATHOLOGY BY EXPERT ULTRASOUND EVALUATION AND ARTIFICIAL INTELLIGENCE
Vegard Heimly Brun 1, 2, 3, Olav Inge Håskjold 1, Hector Mercado Valls 2, 3, Karl Øyvind Mikalsen 2, 3
1Breast and endocrine surgery, University Hospital of North Norway, 2Institute of clinical medicine, UiT the Arctic University of Norway, 3Centre for clinical artificial intelligence, University Hospital of North Norway, Tromsø, Norway

PE104 CLINICAL VALIDATION OF NERVETREND VS. CONVENTIONAL I-IONM MODE OF NIM VITAL IN PREVENTION OF RECURRENT LARYNGEAL NERVE EVENTS DURING BILATERAL THYROID SURGERY: AN INTERIM SAFETY ANALYSIS OF AN ONGOING PROSPECTIVE RANDOMIZED CONTROLLED TRIAL.
Marcin Barczynski 1, 2, Aleksander Konturek 1
1Department of Endocrine Surgery, Third Chair of General Surgery, JAGIELLONIAN UNIVERSITY MEDICAL COLLEGE, Krakow, Poland

PE105 THE ASSOCIATION OF SURGEONS’ TREATMENT RECOMMENDATIONS FOR LOW-RISK THYROID CANCER AND MEDICAL UTILIZATION PREFERENCES
Alexander Chiu 1, Megan Saucce 1, Kyle Bushaw 1, Kristin Long 1, Susan Pitt 2, 3
1Surgery, University of Wisconsin School of Medicine and Public Health, Madison, 2Surgery, University of Michigan, Ann Arbor, United States

PE106 IS TOTAL TUMOR DIAMETER A MARKER FOR RECURRENT IN MULTIFOCAL PAPILLARY THYROID CARCINOMA?
Hyungju Kwon 1
1Surgery, EWHA WOMANS UNIVERSITY MEDICAL CENTER, Seoul, Korea, Republic Of

PE107 ASYMPOMATIC PAPILLARY THYROID CARCINOMA: THE IMPORTANCE OF PHYSICAL EXAMINATION IN POTENTIALLY ‘OVERDIAGNOSED’ PATIENT POPULATION
Takahiro Okamoto 1, Mikiko Fujimoto 2, 3, Yusaku Yoshida 1, Kiyomi Horiuchi 1, Yoko Omi 1, Juro Yanagida 1, Tomoyoshi Nakai 1, Yuki Yamanashi 1
1Endocrine Surgery, Tokyo Women's Medical University, Tokyo, Japan

PE108 NOVEL TECHNIQUE OF 3-DIMENSIONAL ULTRASOUND WITH GYROSCOPIC GUIDANCE FOR THYROID IMAGING
Eugene Leong 1, 2, Aldred Cheng 2, James Lee 1, Kee Yuan Ngiam 1
1General Surgery, National University Hospital, 2Yong Loo Lin School of Medicine, National University of Singapore, Singapore, Singapore

PE109 THE ROLE OF TARGETED EXOMES SEQUENCING IN THYROID CANCER
Poongkodi Karunakaran 1, 2, 3, Vijayakumar Krishnasamy 2, Deepak Jayakumar 2, Sujatha Jayaram 5
1Endocrine surgery, 2Multi-Disciplinary Research Unit, Government Mohan Kumaramangalam Medical College, Salem, Tamilnadu, Salem, 3Endocrine surgery, Madras Medical College, Chennai, 4General surgery, 5Pathology, Government Mohan Kumaramangalam Medical College, Salem, Tamilnadu, Salem, India

PE110 SERUM CALCITONIN-NEGATIVE MEDULLARY THYROID CARCINOMA: A CASE SERIES OF 19 PATIENTS IN SINGLE CENTER
Hyeok Jun Yun 1, Jun Sung Lee 1, Seok Mo Kim 1, Jin Seok Lee 1, Yong Sang Lee 1, Hojin Chang 1, Cheong Soo Park 2, 3
1Department of Surgery, Gangnam Severance Hospital, Seoul, 2Department of Surgery, Ilsan CHA hospital, Goyang si, Korea, Republic Of

PE111 COMPLICATIONS AFTER THYROID SURGERY FOR HASHIMOTO’S GOITER COMPARED TO OTHER BENIGN PATHOLOGIES
Simon Holoubek 1, 2, Alexander S Chiu 1, Ryan J Hubbel 1, Kristin L Long 1
1Endocrine Surgery, University of Wisconsin Madison, Madison, United States

PE112 GENDER AND AGE COULD SIGNIFICANTLY AFFECT ANTI-THYROID ANTIBODY CUT-OFF LEVELS AND THEIR DIAGNOSTIC ACCURACY FOR RECURRENCE IN PATIENTS WITH PAPILLARY THYROID CARCINOMA.
Rafael H Pérez-Soto 1, 2, Manuel López 1, Juan David Hernández-Acevedo 1, Mauricio Sierra-Salazar 1, Miguel F Herrera 1, David Velázquez-Fernández 1
1Surgery, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico

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Erlveto Volpi 1, 5, Leonardo de Moura Volpi 2, Antonio Rahal Jr. 3, Jose Higino Steck 4, Evandro Vasconcelos 5, Leonardo Rangel 6
1Head and Neck Surgery, Oswaldo Cruz German Hospital, 2Otolaryngology, Santa Casa de Sao Paulo Hospital, 3Radiology, Albert Einstein Israeli Hospital, Sao Paulo, 4Otolaryngology, Campinas State University, Campinas, 5Head and Neck Surgery, Private Office, Curitiba, 6Otolaryngology, Rio de Janeiro State University, Rio de Janeiro, Brazil
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1Transplant and Endocrine Surgery, ¥Diabetes and Endocrinology, Japanese Red Cross Nagoya Daini Hospital, Nagoya, Japan

PE115  OPERATIVE SUCCESS IS ACHIEVED REGARDLESS OF IOPH CRITERION USED DURING FOCUSED PARATHYROIDECTOMY FOR SPORADIC PRIMARY HYPERPARATHYROIDISM
Tanaz M Vaghaiwalla 1, Cima Saghira 2, John I Lew 2
1Surgery, University of Tennessee Graduate School of Medicine, Knoxville, 2Surgery, University of Miami Miller School of Medicine, Miami, United States

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Takahisa Hiramitsu 1, Kenta Futamura 2, Manabu Okada 2, Norihiko Goto 2, Shunji Narumi 2, Yoshikiko Watarai 2, Yoshikiko Tominaga 2, Toshihiro Ichinomiya 1
1Transplant and Endocrine Surgery, ¥Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Nagoya, Japan

PE117  PRIMARY HYPERPARATHYROIDISM AND TREATMENT FOR PAIN BEFORE AND AFTER PARATHYROIDECTOMY - A POPULATION STUDY
Anna Komar 1, Ina-Lena Yvonne Nilsson 1, Robert Brånström 1, Ylva Pernow 1, Richard Branstrom 1, Fredrik Granath 1
1Karolinska University Hospital, KAROLINSKA INSTITUTET, Stockholm, Sweden

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Caitlin T Yeo 1, Samir Damji 1, Dylan Grisell 1, Janice L Pasieka 1, Adrian Harvey 1
1University of Calgary, Calgary, Canada

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Francesco Pennestri 1, Carmela De Crea 1, Pierpaolo Gallucci 1, Priscilla Francesca Procopio 1, Francesca Prioli 2, Milena Pia Cerviere 1, Rocco Bellantone 1, Marco Raffaelli 1
1Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, 2Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy

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Sally E Carty 1, Linwah Yip 1, Kimberly M Ramonell 1, Jason B Liu 1, Meghan L Kelley 1, Kelly Lynn McCoy 1
1Surgery, University of Pittsburgh, Pittsburgh, United States

PE121  SIMILIFE FOR TRAINING IN ENDOCRIINE SURGERY (ADRENALECTOMY, THYROIDECTOMY AND NECK DISSECTION). FIRST FRENCH - AFCE SESSION.
Gianluca Donatini 1, Jerome Danion 1, Haythem Najah 2, Francois Pattou 3 on behalf of AFCE, Jean-Pierre Richer 1, Jean-Pierre Faure 1 and AFCE
1General and Endocrine Surgery, CHU POITIERS - AB Lab University of Poitiers, Poitiers, 2General and Endocrine Surgery, CHU Bordeaux, Bordeaux, 3General and Endocrine Surgery, CHRU Lille, Lille, France

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1General Surgery, 2Division of Endocrinology, 3Division of Health Care Delivery Research, 4Division of Medical Oncology, MAYO CLINIC, Rochester, United States

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James C O’Lea 1, Jinhong Zhang 2, Jun Yang 2, Peter J Fuller 4, Renata Libianto 2, Jimmy Shen 2, Simon Grodski 1
1Department of General Surgery, Monash Medical Centre, 2Department of Endocrinology, Monash Health, Victoria, Australia

PE124  USING THE POWER OF ‘OMICS’ TO CHARACTERISE PAPILLARY THYROID CANCER MESENCHYMAL STEM CELLS, DO THEY HAVE A ROLE IN THYROID CANCER PROGRESSION?
Danny Jandu 1, Charlotte Brooks 1, Andrea Theodorou 1, Annette Meeson 1, Sebastian Aspinall 2,1
1Newcastle University, Newcastle upon Tyne, 2General Surgery, NHS Grampian, Aberdeen, United Kingdom

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James Elvis Waha 1,*, Martin Enzensberger 1, Michael Thalhammer 1, Peter Kornprat 1, Hans-Jörg Mischinger 1, Peter Schemmer 1, Harald Schrem 1
1Department of General, Visceral and Transplant Surgery, Medical University Graz, Graz, Austria, Graz, Austria

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1Department of Molecular Medicine and Surgery, Karolinska Institute, Stockholm, Sweden, Karolinska Institutet, 2Acute and Trauma Surgery, Karolinska University Hospital, Stockholm, 3Department of Surgical Sciences, Uppsala University, Sweden, Uppsala University, Uppsala, 4Department of Oncology-Pathology, Karolinska Institute, Stockholm, Sweden, Karolinska Institutet, Stockholm, Sweden

PE127 MINIMALLY INVASIVE ADRENALECTOMY: CAN SURGICAL APPROACH BE TAILORED ON PATIENT CHARACTERISTICS?
Carmela De Crea 1, Francesco Pennestrì 1, Priscilla Francesca Procipo 1, Pierpaolo Gallucci 2, Sofia Di Lorenzo 1, Giulia Salvi 1, Rocco Bellantone 1, Marco Raffaelli 1
1Fondazione Polyclinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, 2Fondazione Polyclinico Universitario Agostino Gemelli IRCCS, Rome, Italy
A Workshop on Scientific Writing presented by the World Journal of Surgery and Springer Verlag is planned during International Surgical Week ISW 2022 to provide new authors and new reviewers insight in how to prepare and review scientific manuscripts. The workshop is available in the format as a three day (Tuesday - Thursday early morning hours) workshop. Separate Registration will be required for participation in the Workshop - applicants must be fully registered for ISW 2022. Booking for only a part (1 or 2 days) of the workshop will not be possible. Booking will close when the workshop is filled.

Organizer: Julie Ann Sosa, USA
Sponsors: Springer Science + Business Media, LLC.; The World Journal of Surgery and the ISS/SIC
Dates: Tuesday - Thursday, August 16 - 18, 2022 (07:00-08:15)
Venue: Hofburg Vienna; Room Rittersaal
Attendance: Limited to 64 participants - it is recommended to sign up early!
Course Fee: EURO 55.00 (incl. 20% VAT)

Tuesday, 16 August 2022
07:00-08:15 GETTING STARTED: SO YOU HAVE AN IDEA. WHAT NEXT?

Homework: Students write an abstract.

Wednesday, 17 August 2022
07:00-08:15 THE ELEMENTS OF STYLE: CONSTRUCTING THE MANUSCRIPT AND WRITING A REVIEW
Critique abstracts. Introduction, Methods, Results (Narrative, Tables, or Graphs), Discussion (keep it short), References. Writing a manuscript review.

Homework: Students write a manuscript review.

Thursday, August 18, 2022
07:00-08:15 BRINGING IT ALL TOGETHER: THE "RULES" OF PUBLICATION
Critique manuscript reviews. Discuss editorial misconduct and duplicate publication. Further discussion and questions.
An interactive Course on Oncoplastic and Reconstructive Breast Surgery will be organized by Breast Surgery International (BSI) in conjunction with ISW 2022. Separate registration will be required for participation. A certificate will be given at the end of the course.

**Date:**
Sunday, 14 August 2022 / 08:00-17:00 hrs.

**Venue:**
Medical University Vienna
Van-Swieten-Gasse 1a, 1090 Vienna, Austria
(Room: Van Swieten Saal)

**Course Fee:**
- BSI Member: EUR 135.00 (incl. 20% VAT)
- Non BSI Member: EUR 190.00 (incl. 20% VAT)

**Max attendance:**
Space limited, registrations upon first come first served

**Chair:**
Ashutosh Kothari, UK

**Co-Chairs:**
Michael Gnant, Austria; Gaurav Agarwal, India; Jean-Francois Boileau, Canada

**Faculty:**
Elisabeth Elder, Australia; Jay K. Harness, USA; Mardi R. Karin, USA; Farid Meybodi, Australia; Daniel Egle, Austria; Christian Singer, Austria; Stephanie Kacerovsky-Strobl, Austria
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