6th ERAS World Congress
ENHANCED RECOVERY AFTER SURGERY

23 - 25 May 2018
CLARION HOTEL SIGN
STOCKHOLM - SWEDEN

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Dear colleagues,

On behalf of the ERAS® Society and the colleagues in the organising committees from the Swedish ERAS® Society, SwERAS®, we have the pleasure to invite you to the 6th ERAS® World Congress on May 23-25 in Stockholm, Sweden.

The ERAS® World Congress is the unique occasion that brings together eminent world experts and leaders in perioperative care. This congress is organised by the multi professional and multi-disciplinary ERAS® Society that is active around the world. It is the best opportunity to meet, listen to and discuss with specialists from different horizons that share their expertise and provide participants with the most recent updates, new concepts, state-of-the-art lectures and progress in perioperative care. This is reinforced by the participation of surgeons, anaesthesiologists, nurses, hospital administrators … bringing the patient into the heart of medical care.

The ERAS® World Congress aims to reinforce the patient centered care through the interactions between all medical actors and networking. Interdisciplinary debate and multidisciplinary approach allows experts to bring their opinions and to debate with the auditorium.

Our goal is to continue to organise an exciting and outstanding meeting with worldwide experts and delegates.

Heartily welcome and we look forward to seeing you in Stockholm,

Anders Thorell
ERAS® 2018 Congress President

Olle Ljungqvist
ERAS® Society Chairman

Nicolas Demartines
ERAS® Implementation Programme Chairman

Dileep Lobo
ERAS® Society Scientific Chair

Mike Scott
ERAS® Society Educational Chair

Hans de Boer
ERAS® Society Treasurer

Angie Balfour
Nurse Section Chair

William Fawcett
Website Editor

Thomas Wainwright
Website Editor

Yannick Cerantola
Urology Group

Gregg Nelson
Gynaecology & Women’s Health Group

Daniel Engelman
Cardiac Surgery Group
# COMMITTEES

## Organising and Local Committees

### EXECUTIVE COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Organisation</th>
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<tbody>
<tr>
<td>Olle Ljungqvist (SE)</td>
<td>Chairman</td>
<td>ERAS® Society</td>
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<tr>
<td>Hans de Boer (NL)</td>
<td>Treasurer</td>
<td>ERAS® Society</td>
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<tr>
<td>Gregg Nelson (CA)</td>
<td>Secretary</td>
<td>ERAS® Society</td>
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<tr>
<td>Nicolas Demartines (CH)</td>
<td>Programme Chairman</td>
<td>ERAS® Implementation</td>
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<tr>
<td>Dileep Lobo (UK)</td>
<td>Scientific Chairman</td>
<td>ERAS® Society</td>
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<tr>
<td>Mike Scott (US)</td>
<td>Educational Chairman</td>
<td>ERAS® Society</td>
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<tr>
<td>Angie Balfour (UK)</td>
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<tr>
<td>William Fawcett (UK)</td>
<td>Website Editor</td>
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<td>Thomas Wainwright (UK)</td>
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### SPECIALTY GROUP CHAIRS

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<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Group</th>
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<tbody>
<tr>
<td>Yannick Cerantola (CH)</td>
<td>Urology Chairman</td>
<td>Urology Group</td>
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<tr>
<td>Gregg Nelson (CA)</td>
<td>Educational Chairman</td>
<td>Gynaecology &amp; Women’s Health Group</td>
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<tr>
<td>Daniel Engelman (US)</td>
<td>Website Editor</td>
<td>Cardiac Surgery Group</td>
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### LOCAL ORGANISING COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Organisation</th>
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<tbody>
<tr>
<td>Anders Thorell (SE)</td>
<td>Congress President</td>
<td>ERAS® 2018</td>
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<tr>
<td>Hans Hjelmqvist (SE)</td>
<td>Committee</td>
<td>ERAS® 2018</td>
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<td>Folke Hammarqvist (SE)</td>
<td>Committee</td>
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<tr>
<td>Lars Johansen (SE)</td>
<td>Committee</td>
<td>ERAS® 2018</td>
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<tr>
<td>Margaretha Lindberg (SE)</td>
<td>Committee</td>
<td>ERAS® 2018</td>
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<tr>
<td>Kristina Wikander (SE)</td>
<td>Secretary</td>
<td>ERAS® Society Secretariat</td>
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<td>Monika Egenvall (SE)</td>
<td>Committee</td>
<td>ERAS® 2018</td>
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<td>Fredrik Hjern (SE)</td>
<td>Committee</td>
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<tr>
<td>Ulf Gustafsson (SE)</td>
<td>Committee</td>
<td>ERAS® 2018</td>
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ERAS® SOCIETY

ERAS® is a multidisciplinary, multi-professional non-profit medical society

Our approach to care comes from the insight that best practice for the surgical patient is achieved using a multimodal approach. The previous highly successful ERAS® Society World Congresses in Lyon 2017, Lisbon in 2016, Washington DC in 2015, Valencia in 2014 and Cannes in 2012 were where experts from all disciplines and professions met. The ERAS® World Congress represents a unique opportunity to present new products and services to over 500 delegates from around the world in a nice and historic location: this time Stockholm.

The ERAS® Society supports efforts to develop surgical care further by research, education and also by helping colleagues worldwide to implement ERAS pathways in a range of surgical domains.

ERAS REPRESENTS A PARADIGM SHIFT IN PERIOPERATIVE CARE IN THREE WAYS:

• First, it continuously re-examines traditional practices, replacing them with evidence-based best practices when necessary.
• Second, it is comprehensive in its scope, covering all areas of the patient’s journey through the perioperative process.
• Lastly, ERAS® Society actively develops methods to and supports the implementation of the evidence based care principles.

USE OF THE ERAS PRINCIPLES PATHWAY HAS BEEN SHOWN TO:

• reduce care time by more than 30%
• reduce postoperative complications by up to 50%
# Overview of all parallel sessions

## Wednesday 23 May 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.00 - 09.00</td>
<td>Plenary B1&amp;2</td>
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<tr>
<td>09.00 - 10.00</td>
<td>C123 Part 1 CARDIAC SURGERY SYMPOSIUM 08.00 - 12.00</td>
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<tr>
<td>10.00 - 11.00</td>
<td>C123 Part 2 ERAS EDUCATIONAL COURSE 13.00 - 18.00</td>
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<td>12.00 - 13.00</td>
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<tr>
<td>13.00 - 14.00</td>
<td>UROLOGY CHAPTER MEETING 13.00 - 16.15</td>
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<tr>
<td>14.00 - 15.00</td>
<td>WOMEN’S HEALTH / GYNECOLOGY GROUP SYMPOSIUM 13.00 - 17.30</td>
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<td>15.00 - 16.00</td>
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<td>16.00 - 17.00</td>
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<tr>
<td>17.00 - 18.00</td>
<td>NURSING &amp; AHP GROUP MEETING 17.30 - 19.00</td>
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<td>18.00 - 19.00</td>
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<tr>
<td>19.00 - 20.00</td>
<td>WELCOME RECEPTION 19.00 - 20.30</td>
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<tr>
<td>20.00 - 21.00</td>
<td>Exhibition &amp; Poster Area</td>
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## FINAL PROGRAMME

### PRE-CONGRESS PROGRAMME

**Wednesday 23 May 2018**

<table>
<thead>
<tr>
<th>08.00 - 12.00</th>
<th>CARDIAC SURGERY SYMPOSIUM - &quot;Past, Present and Future&quot;</th>
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<tbody>
<tr>
<td>08.00 - 09.00</td>
<td>BUSINESS MEETING C123 Part 1</td>
</tr>
<tr>
<td>09.00 - 10.15</td>
<td>SESSION 1: ERAS® CARDIAC SURGERY – PAST AND PRESENT C123 Part 1</td>
</tr>
<tr>
<td>09.00 - 09.15</td>
<td>ERAS® Cardiac Surgery Overview and Mission Past: Fast-Track Surgery – Present: Introduction, Overview // D. Engelman (US)</td>
</tr>
<tr>
<td>09.15 - 09.30</td>
<td>Quality Improvement in Cardiac Surgery: 15 Years of Lessons // K. Lobdell (US)</td>
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<tr>
<td>09.30 - 09.50</td>
<td>Consensus Guidelines Grading Process and Structure // E. Boyle (US)</td>
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<tr>
<td>09.50 - 10.10</td>
<td>2018 ERAS® Cardiac Surgery Consensus Guidelines // R. Arora (CA) &amp; L. Perrault (CA)</td>
</tr>
<tr>
<td>10.10 - 10.15</td>
<td>Audience Q&amp;A</td>
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</table>

| 10.15 - 10.45 | BREAK & NETWORKING FOYER AREA - LEVEL 1 |

<table>
<thead>
<tr>
<th>10.45 - 12.00</th>
<th>SESSION 2: ERAS® CARDIAC SURGERY RESULTS, FUTURE CONSENSUS WORK AND OPEN DISCUSSION C123 Part 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.45 - 11.00</td>
<td>&quot;PREHAB&quot;-ilitation in Cardiac Surgery Patients // R. Arora (CA)</td>
</tr>
<tr>
<td>11.00 - 11.15</td>
<td>Ventilation and Enhanced Recovery. Can we identify best practice? // N. Fletcher (UK)</td>
</tr>
<tr>
<td>11.15 - 11.30</td>
<td>Incorporating value analysis in the ERAS implementation process // E. Boyle (US) &amp; K. Lobdell (US)</td>
</tr>
<tr>
<td>11.45 - 12.00</td>
<td>Opioid Sparing Analgesic Strategies in Cardiac Surgery // A. J. Gregory (CA)</td>
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<thead>
<tr>
<th>13.00 - 16.15</th>
<th>UROLOGY CHAPTER MEETING C123 Part 2</th>
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<tbody>
<tr>
<td>13.00 - 13.10</td>
<td>Welcome word: ERAS – urology after &quot;proof of concept&quot;: what’s the next step? // J. Collins (SE) &amp; Y. Cerantola (CH)</td>
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<tr>
<td>13.10 - 13.45</td>
<td>State of the Art Lecture: Perioperative nutritional support to cystectomy patients // J. Hamilton-Reeves (US)</td>
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<tr>
<td>13.45 - 14.10</td>
<td>The association of ERAS and robotics gives the best outcomes // J. Collins (SE)</td>
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<td>14.10 - 14.35</td>
<td>The &quot;readmission black box&quot; // J. McGrath (UK)</td>
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<thead>
<tr>
<th>14.35 - 15.00</th>
<th>BREAK &amp; NETWORKING FOYER AREA - LEVEL 1</th>
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</thead>
<tbody>
<tr>
<td>15.00 - 15.25</td>
<td>Why and how do I reduce patient’s opioid consumption? // J. Bakul Shah (US)</td>
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<tr>
<td>15.25 - 15.50</td>
<td>ERAS protocol after radical cystectomy – lessons learned after 500 cases // S. Daneshmand (US)</td>
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<tr>
<td>15.50 - 16.15</td>
<td>Any room for ERAS in other urological procedures? // S. Muller (NO)</td>
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<tr>
<td>16.15</td>
<td>Closing of the session</td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>13.00 - 13.10</td>
<td><strong>INTRODUCTION / GYNECOLOGY GROUP UPDATES</strong></td>
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<tr>
<td>13.10 - 15.10</td>
<td><strong>SESSION 1</strong></td>
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<tr>
<td>13.10 - 13.30</td>
<td>ERAS Gyn/Onc Guidelines 2.0 – what are the important changes to the recommendations?</td>
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<tr>
<td>13.30 - 13.50</td>
<td>Update on ERAS Implementation-Mayo Clinic Experience</td>
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<tr>
<td>13.50 - 14.10</td>
<td>Update on ERAS Implementation-MD Anderson Cancer Center Experience</td>
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<tr>
<td>14.10 - 14.30</td>
<td>EIAS Gynecology System Study</td>
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<tr>
<td>14.30 - 14.50</td>
<td>Glycemic control initiative for reduction of surgical site infections in gynecologic oncology</td>
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<tr>
<td>14.50 - 15.10</td>
<td>Call to arms! Venothromboembolism risk reduction in Epithelial Ovarian Cancer</td>
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<tr>
<td>15.10 - 15.30</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>15.30 - 17.30</td>
<td><strong>SESSION 2</strong></td>
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<tr>
<td>15.30 - 15.50</td>
<td>ERAS Patient Satisfaction Using a Smartphone Home-Recovery Monitoring App</td>
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<tr>
<td>15.50 - 16.10</td>
<td>Goal directed fluid therapy and Strategies for reducing perioperative opioid consumption: The MD Anderson Cancer Center experience</td>
</tr>
<tr>
<td>16.10 - 16.30</td>
<td>Strategies for reducing postoperative opioid consumption</td>
</tr>
<tr>
<td>16.50 - 17.10</td>
<td>Impact of ERAS Implementation on Patient Reported Outcomes in Open and Minimally Invasive Surgery</td>
</tr>
<tr>
<td>17.10 - 17.30</td>
<td>Blood transfusion reduction strategies in gynecologic oncology surgery</td>
</tr>
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<td>17.30</td>
<td>Closing Remarks</td>
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### PRE-CONGRESS PROGRAMME

**Wednesday 23 May 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>13.00 - 18.00</td>
<td><strong>ERAS EDUCATIONAL COURSE</strong></td>
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<tr>
<td>13.00 - 15.30</td>
<td><strong>SESSION 1</strong>&lt;br&gt;<strong>Chairs:</strong> M. Scott (US) &amp; T. Rockall (UK)&lt;br&gt;13.00 - 13.30 <strong>ERAS – Overview, Pathophysiology</strong>&lt;br&gt;13.30 - 14.00 <strong>ERAS and the Nurse, Preoperative education &amp; preparation</strong>&lt;br&gt;14.00 - 14.30 <strong>Medical optimisation, pre-habilitation and carbohydrate loading</strong>&lt;br&gt;14.30 - 15.00 <strong>Role of the surgeon leader in ERAS</strong>&lt;br&gt;15.00 - 15.30 <strong>ERAS and the anaesthetist – anaesthesia, fluids, analgesia</strong></td>
</tr>
<tr>
<td>15.30 - 16.00</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>16.00 - 18.00</td>
<td><strong>SESSION 2</strong>&lt;br&gt;<strong>Chairs:</strong> M. Hubner (CH) &amp; U. Gustafsson (SE)&lt;br&gt;16.00 - 16.25 <strong>ERAS and the patient – Audit and what outcomes are important</strong>&lt;br&gt;16.25 - 17.50 <strong>Specialty specific issues in an ERAS pathway</strong>&lt;br&gt;17.50 - 18.00 <strong>Summary &amp; Question and Answer Session</strong></td>
</tr>
<tr>
<td>17.30 - 19.00</td>
<td><strong>NURSING &amp; AHP GROUP MEETING</strong> C123 Part 2&lt;br&gt;<strong>How to implement ERAS and overcome barriers in an academic medical center and a community hospital</strong>&lt;br&gt;<strong>Does stoma education need to be adapted for ERAS patients?</strong>&lt;br&gt;<strong>Qualitative Research in ERAS – a literature review</strong>&lt;br&gt;<strong>MDT-working as part of prehabilitation and ERAS (a Welsh perspective)</strong>&lt;br&gt;<strong>What’s next for the Nursing &amp; AHP Group?</strong>&lt;br&gt;<strong>Suggestions for topics to add to next year’s congress</strong></td>
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<tr>
<td>19.00 - 20.30</td>
<td><strong>WELCOME RECEPTION</strong></td>
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**SCIENTIFIC PROGRAMME**

**Thursday 24 May 2018**

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<tr>
<th>Time</th>
<th>Event</th>
<th>Chair/Presenter</th>
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<tbody>
<tr>
<td>08.30 - 08.40</td>
<td>WELCOME ADDRESS // O. Ljungqvist (SE)</td>
<td>Plenary B1&amp;2</td>
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<tr>
<td>08.40 - 09.00</td>
<td>PRESIDENTIAL ADDRESS // A. Thorell (SE)</td>
<td>Plenary B1&amp;2</td>
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<tr>
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<td>Improving outcome after bariatric surgery by the use of national registry-based studies</td>
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<tr>
<td>09.00 - 10.30</td>
<td>NEW FRONTIERS IN ERAS</td>
<td>Plenary B1&amp;2</td>
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<td>Chairs: D. Vrochides (US) &amp; F. Grass (CH)</td>
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<tr>
<td>09.00 - 09.15</td>
<td>Thoracic Surgery // T. Batchelor (UK)</td>
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<tr>
<td>09.15 - 09.30</td>
<td>Emergency laparotomy // M. Scott (US)</td>
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<td>09.30 - 09.45</td>
<td>Ambulatory care // R. Urman (US)</td>
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<td>09.45 - 10.00</td>
<td>Paediatric surgery // M. Brindle (CA)</td>
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<tr>
<td>10.00 - 10.15</td>
<td>Cardiac surgery // D. Engelman (US)</td>
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<tr>
<td>10.15 - 10.30</td>
<td>Panel discussion</td>
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<td>10.30 - 11.00</td>
<td>COFFEE BREAK &amp; POSTER ROUND</td>
<td>EXHIBITION &amp; FOYER AREA - LEVEL 1</td>
</tr>
<tr>
<td>11.00 - 11.45</td>
<td>KEN FEARON LECTURE</td>
<td>Plenary B1&amp;2</td>
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<td>Chairs: D. Lobo (UK) &amp; M. Scott (US)</td>
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<td>Critical aspects of clinical trials on clinical nutrition in surgery and ERAS // L. Gianotti (IT)</td>
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<tr>
<td>11.45 - 12.30</td>
<td>INTERACTIVE DISCUSSION - THE COMPLEXE CASE</td>
<td>Plenary B1&amp;2</td>
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<td>Lead and Chair: G. Nelson (CA) // Discussants: L. Meyer (US), A. Balfour (UK), H. De Boer (NL), T. Rockall (UK) &amp; R. Barlow (UK)</td>
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<tr>
<td>12.30 - 13.45</td>
<td>LUNCH BREAK &amp; POSTER ROUND</td>
<td>EXHIBITION &amp; FOYER AREA - LEVEL 1</td>
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<tr>
<td>12.45 - 13.45</td>
<td>INDUSTRY SPONSORED SESSION - MEDTRONIC*</td>
<td>Plenary B1&amp;2</td>
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<tr>
<td>13.45 - 14.45</td>
<td>PERIOPERATIVE ANAEMIA</td>
<td>Plenary B1&amp;2</td>
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<td>Chairs: W. Fawcett (UK) &amp; H. Hjelmqvist (SE)</td>
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<tr>
<td>13.45 - 14.05</td>
<td>The impact of anaemia on outcome // H. Kehlet (DK)</td>
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<td>14.05 - 14.25</td>
<td>Preoperative management // A. Acheson (UK)</td>
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<td>14.45 - 15.45</td>
<td>POSTOPERATIVE ILEUS</td>
<td>Plenary B1&amp;2</td>
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<td>Chairs: L. Gramlich (CA) &amp; N. Levy (UK)</td>
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<tr>
<td>14.45 - 15.00</td>
<td>Definitions, pathophysiology and diagnosis // D. Lobo (UK)</td>
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<td>15.00 - 15.15</td>
<td>How to prevent ileus? // M. Hubner (CH)</td>
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<td>15.15 - 15.30</td>
<td>How to treat ileus? // Y. Cerantola (CH)</td>
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<td>15.30 - 15.45</td>
<td>Panel discussion</td>
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*Detailed programme on page 21.
### Thursday 24 May 2018

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<tr>
<th>Time</th>
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| 15.45 - 16.05 | **COFFEE BREAK & POSTER ROUND**  
EXHIBITION & FOYER AREA - LEVEL 1 |
| 16.05 - 17.05 | **THE " CHALLENGING " ERAS PATIENT**  
*Chairs: N. Demartines (CH) & M. Adham (FR)*  
**Plenary B1&2**  
16.05 - 16.25 The patient with diabetes // N. Levy (UK)  
16.25 - 16.45 The patient with dementia // E. MacDonald (UK)  
16.45 - 17.05 Opioid and substance abuse // J. Hsu (US) |
| 17.05 - 18.05 | **BEST ABSTRACTS**  
*Chairs: D. Lobo (UK) & M. Scott (US)*  
**Plenary B1&2**  
17.05 - 17.15 OR01 POSTOPERATIVE MOBILISATION GOALS REMAIN HARD TO ACHIEVE WITHIN AN ENHANCED RECOVERY PROTOCOL // B. C-E. Pache (CH)  
17.15 - 17.25 OR02 FLUID ADMINISTRATION AND SURGICAL OUTCOMES AFTER PANCREATEOUDENECCTOMY: EXTERNAL VALIDATION OF VARIABLE FLUID REGIMENS AT A TERTIARY REFERRAL CENTER // M. Sandini (US)  
17.25 - 17.35 OR03 PREOPERATIVE CARBOHYDRATE LOADING IN DIABETIC PATIENTS WITHIN AN ENHANCED RECOVERY AFTER SURGERY PROGRAMME FOR COLORECTAL SURGERY – ARE THERE ANY ILL EFFECTS? // Q. Y. Lee (SG)  
17.35 - 17.45 OR04 EFFECT OF FOUR-WEEK MULTIMODAL PREHABILITATION ON SLEEP QUALITY, FATIGUE AND DEPRESSION SYMPTOMS IN PATIENTS APPROACHING PANCREATIC SURGERY // J. M. George (UK)  
17.45 - 17.55 OR05 THE EFFECTS OF BETA-BLOCKER THERAPY ON EARLY MORTALITY FOLLOWING EMERGENCY COLON CANCER SURGERY // R. Ahl (SE)  
17.55 - 18.05 OR06 IMPACT OF A RESTRICTIVE INTRAOPERATIVE FLUID REGIMEN ON THE INCIDENCE OF POSTOPERATIVE ACUTE KIDNEY INJURY (AKI) WITHIN AN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM // P. Drakeford (SG) |
Friday 25 May 2018

08.30 - 09.50  **CHALLENGE THE EXPERTS**  (Plenary B1&2)

- 08.30 - 08.50  Epidurals vs. wound catheters/rectus sheath blocks – what is the evidence?  // A. Krige (UK)
- 08.50 - 09.10  The patient with delayed gastric emptying  // N. Demartines (CH)
- 09.10 - 09.30  Bowel preparation in colorectal surgery  // K. Rollins (UK)
- 09.30 - 09.50  Why is ERAS not adopted worldwide despite good data?  // H. Kehlet (DK)

09.50 - 11.10  **DOES ERAS STOP AFTER DISCHARGE?**  (Plenary B1&2)

- 09.50 - 10.10  Nutritional care in ERAS  // L. Gramlich (CA)
- 10.10 - 10.30  Thromboprophylaxis  // H. De Boer (NL)
- 10.30 - 10.50  Exercise training  // F. Carli (CA)
- 10.50 - 11.10  Structured post-discharge follow-up in the era of e-care  // A. Balfour (UK)

11.10 - 11.40  **RAPID FIRE PRESENTATIONS**  (Plenary B1&2)

- 11.40 - 11.45  OR07  ENHANCED RECOVERY AFTER ROBOTIC ASSISTED RADICAL CYSTECTOMY LIMITS THE NEGATIVE IMPACT OF SARCOPENIA ON POSTOPERATIVE OUTCOMES  // P. Alexopoulou (UK)
- 11.45 - 11.50  OR08  FLUID RESPONSIVENESS IN THE POSTOPERATIVE PERIOD: A PROSPECTIVE STUDY IN NON-CRITICALLY ILL PATIENTS  // D. Gottesman (CA)
- 11.50 - 11.55  OR09  KINETIC, DETERMINANTS, AND CONSEQUENCES OF POSTOPERATIVE HYPERGLYCEMIA IN NONDIABETIC PATIENTS UNDERGOING MAJOR ELECTIVE ABDOMINAL SURGERY A PROSPECTIVE, LONGITUDINAL, OBSERVATIONAL, MULTICENTER EVALUATION  // L. Gianotti (IT)
- 11.55 - 12.00  OR10  RISK FACTORS FOR DELAYED GASTRIC EMPTYING AFTER PANCREATICODUODENECTOMY AND NEED FOR ENTERAL FEEDING ACCESS IN THE ERAS® ERA  // W. B. Lyman (US)

12.00 - 12.05  **OR11**  EVALUATING THE IMPACT OF SPECIFIC COMPLIANCE ITEMS OF AN ENHANCED RECOVERY AFTER SURGERY (ERAS®) PROTOCOL IN PANCREATECIDUODENECTOMY PATIENTS  // A. Cochran (US)

12.05 - 12.10  **OR12**  POPULATION-BASED EVALUATION OF ERAS IMPLEMENTATION IN MICHIGAN, USA  // S. Regenbogen (US)

12.10 - 12.15  **OR13**  RESPIRATORY COMPLICATIONS AFTER COLORECTAL SURGERY - AVOIDABLE OR FATE?  // J. Jurt (CH)
# SCIENTIFIC PROGRAMME

## Friday 25 May 2018

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<td><strong>LUNCH BREAK &amp; POSTER ROUND</strong>&lt;br&gt;EXHIBITION &amp; FOYER AREA - LEVEL 1</td>
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<td>14.00 - 15.00</td>
<td><strong>ERAS AND SURVIVAL</strong>&lt;br&gt;Chairs: A. Acheson (UK) &amp; M. Iversen (DK)&lt;br&gt;How safe is surgery for the patient? // M. Adham (FR)&lt;br&gt;ERAS and 30-day mortality // T. Rockall (UK)&lt;br&gt;ERAS and long-term cancer survival // U. Gustafsson (SE)</td>
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<td>15.00 - 16.15</td>
<td><strong>PATIENT PARTNERSHIP</strong>&lt;br&gt;Chairs: V. Addor (CH) &amp; J. Nygren (SE)&lt;br&gt;Validation of measurements of recovery // J. Kleif (DK)&lt;br&gt;How to engage relatives and care givers // R. Barlow (UK)&lt;br&gt;Patient reflections // A. Balfour (UK)&lt;br&gt;Panel discussion</td>
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<td>16.15 - 16.20</td>
<td><strong>CONCLUDING LECTURE</strong> // O. Ljungqvist (SE)</td>
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<td>16.20 - 16.30</td>
<td><strong>PRIZE DISTRIBUTION AND END OF CONGRESS</strong>&lt;br&gt;Chairs: D. Lobo (UK) &amp; O. Ljungqvist (SE)</td>
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Poster Presentations

**Important**
Kindly note that posters not removed by Friday 25 May 2018 at 17:00 will be removed and destroyed. No possibility of retrieval exists. All the necessary material is available directly at the Registration desk.


**P004** Multimodal Rehabilitation Protocol for Radical Cystectomy: Role of Surgical Nursing and Clinical Implications // A. Sabadell* (ES) - C. Galian - D. Garcia - M. Corcoy - G. Nohales - L. Cecchini - M. Sitges

**P005** Is There a Role for Preloading Patients with Gabapentin in Enhanced Recovery for Laparoscopic Nephrectomy? // A. Ratnasingham* (GB) - T. Gill - K. Thorup - W. Caddy - P. Smith - D. Liotin


P013 ONE-YEAR EXPERIENCE IMPLEMENTING ERAS PROGRAM IN A PUBLIC HOSPITAL IN WESTERN MEXICO
// C. Cabrería* (MX) and Jorge Reynoso Betancourt, María Sofía Jiménez Chavez, José Ramírez Ramos, Rubén Rodríguez Barajas, Dr. Daniel Enciso Pérez

P014 COLORECTAL SURGERY - LAPAROTOMY VS LAPAROSCOPY IN THE ERAS® PROGRAM
// C. F. Cunha* (PT) - L. Féria - R. Maio

P015 ENHANCED RECOVERY AFTER SURGERY (ERAS): TIME FOR MORE RELATIVES/CARER’S INVOLVEMENT?
// C. A. Mcgrath* (GB) - A. Ben Sassi - M. Thornton - P. Chandran

P016 OBESITY DOES NOT AFFECT LENGTH OF STAY, COMPLICATIONS OR READMISSION RATES IN A COMPREHENSIVE ERAS PROGRAMME FOR ROBOTIC RADICAL CYSTECTOMY
// C. Jones* (GB) - L. Kelliher - D. Moschonas - P. Faviakis - M. Perry - K. Patil

P017 DOES AGE EFFECT OUTCOME FOLLOWING ROBOTICALLY-ASSISTED RADICAL CYSTECTOMY(RARC) WITH AN ENHANCED RECOVERY PATHWAY (ERP)? - A RETROSPECTIVE ANALYSIS
// L. Kelliher - C. Jones* (GB) - D. Moschonas - P. Faviakis - M. Perry - K. Patil

P018 VOLUMES OF INTRATHECAL BUPIVACaine IN PATIENTS UNDERGOING SURGERY FOR NECK OF FEMUR FRACTURE AND THEIR EFFECT ON INTRAOPERATIVE HYPOTENSION
// C. Morgese* (GB) - C. Moody

P019 IS INTRATHECAL DIAMORPHINE ASSOCIATED WITH A HIGHER QUALITY OF POST-OPERATIVE FUNCTIONAL RECOVERY AFTER LAPAROSCOPIC SURGERY? EVIDENCE FROM A PROSPECTIVE OBSERVATIONAL STUDY IN A COHORT OF COLORECTAL AND UROLOGY PATIENTS
// C. Morgese* (GB) - N. Farid - A. Hancox - N. Kozman - M. Reay

P020 MULTIMODAL PREHABILITATION PROGRAM FOR PREOPERATIVE ENDOMETRIC CANCER IMPROVE THE FUNCTIONAL CAPACITY

P021 ENHANCED RECOVERY AFTER SURGERY: RESULTS IN MAJOR GYNECOLOGIC PROCEDURES
// D. W. Stovall* (US) - K. P. Owens - P. E. Lawani

P022 COMPARISON OF INTRAVENOUS LIGNOCAINE INFUSION VERSUS PERIPHERAL NERVE BLOCKS AS PART OF MULTI-MODAL ALGIESIA FOR COLORECTAL RESECTIONS
// D. Ong* (SG) - V. Lim and TTSH ERAS Core Team

P023 ACHIEVING HEALTH EQUITY IN SURGERY THROUGH ENHANCED RECOVERY AFTER SURGERY (ERAS): THE ELIMINATION OF RACIAL DISPARITIES IN POST-OPERATIVE LENGTH-OF-STAY IS SUSTAINED LONG-TERM

P024 OUTCOMES FROM A PERIOPERATIVE CANCER MULTIDISCIPLINARY TEAM MODEL: A SINGLE-CENTRE EXPERIENCE
// D. Timbrell* (GB) - S. Preston - J. Sultan - P. Prabhu

P025 DOES HAEMOGLOBIN CONCENTRATION CORRELATE WITH FUNCTIONAL CAPACITY MEASURED BY CARDIOPULMONARY EXERCISE TESTING?
// D. Timbrell* (GB) - S. Lynch - P. Prabhu

P026 FLUID OVERLOAD INCREASES COMPLICATIONS FOLLOWING DUODENOPANCREATECTOMY WITHIN AN ENHANCED RECOVERY PROGRAM: A COHORT STUDY
// D. Roulin* (CH) - J. Gilgjen - M. Hübner - N. Halkic - N. Demartines

P027 FEASIBILITY OF ENHANCED RECOVERY PROTOCOL FOR DUODENOPANCREATECTOMY: A MULTICENTRIC COHORT STUDY
// D. Roulin* (CH) - E. Melloul - M. Hubner - M. Bockhorn - J. Izbicki - D. Vrochides - D. Iannitti - M. Adham - N. Demartines

P028 PREOPERATIVE INTRAVENOUS IRON AS A KEY COMPONENT OF ERAS: IMPLEMENTATION AT A LARGE ACADeMIC MEDICAL CENTER
// D. Meier* (US) - M. Scott
POSTER PRESENTATIONS


P031  META-ANALYSIS OF PERIOPERATIVE ENTERAL IMMUNONUTRITION AND MORBIDITY IN RADICAL CYSTECTOMY // F. Crettenand* (CH) - P. Martel - Y. Cerantola


P035  SYSTEMATIC REVIEW ON PREHABILITATION IN PATIENTS UNDERGOING MAJOR ABDOMINAL SURGERY: WHY ARE WE FAILING TO PROVE THE OBVIOUS? // G. Thomas* (NL) - R. Tahir - B. Bongers - V. Kallen - G. Slooter - N. van Meeteren

P036  ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOLS AFTER TOTAL HIP AND KNEE ARTHROPLASTY: A SYSTEMATIC REVIEW // H. Tunç* (TR) - S. Şentürk


P040  ERAS PROTOCOL INFLUENCE ON POSTOPERATIVE INFLAMMATION AND SHORT-TERM POSTOPERATIVE RECOVERY OUTCOMES IN COLORECTAL CANCER SURGERY // I. K. Lee* (KR) - H. Jalloun


P042  EFFECT OF FOUR-WEEK MULTIMODAL PREHABILITATION ON CARDIORESPIRATORY FITNESS AND INSULIN SENSITIVITY IN PATIENTS AWAITING PANCREATIC RESECTION // J. M. George* (GB) - M. B. Whyte - M. J. Scott - T. A. Rockall


P044  IMPACT OF AN EVIDENCE-BASED EDUCATIONAL PROGRAM ON VARIABILITY OF INTRAOPERATIVE FLUID ADMINISTRATION WITHIN AN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM // P. Drakeford - J. Tan* (SG) - S. Q. Tham - J. L. Kwek - A. Seneviratna


P049 THE IMPACT OF TYPE 2 DIABETES MELLITUS (T2DM) ON OUTCOMES IN ELECTIVE COLORECTAL SURGERY IN ENHANCED RECOVERY AFTER SURGERY (ERAS) // K. M. F. Villamiel - M. R. S. Sioson* (PH)


P051 CAN WE BETTER PREPARE PATIENTS PRIOR TO MAJOR ONCOLOGY SURGERY WITHIN AN ERAS PROGRAM? // K. Mayson* (CA) - T. Hong - X. Huang - L. Amick - J. Trudeau

P052 UTILIZING FITBIT® TECHNOLOGY TO MONITOR PATIENT ACTIVITY TO DEMONSTRATE INCREASED ACTIVITY LEADS TO DECREASED LENGTH OF STAY FOLLOWING PANCREATICODUODENECTOMY: A PILOT STUDY // K. Tezber* (US) - C. Aviles - M. Eller - K. Leitch - P. D. Lans - G. McClune - A. Cochran - D. Vrochides

P053 ENHANCING RECOVERY FROM HOSPITAL TO HOME: REDUCING POSTOPERATIVE READMISSIONS THROUGH NURSE-DRIVEN PHONE CALLS // K. Campagna* (US) - R. Ragland - B. Sarosiek

P054 ANEMIA SEVERITY AFFECTS OUTCOMES OF PATIENTS UNDERGOING COLORECTAL CANCER SURGERY WITHIN AN ENHANCED RECOVERY AFTER SURGERY PROGRAMME // K. Y. How - Y. L. Lim - X. J. Zhang - Q. Y. Lee* (SG) and TTSH ERAS Core Team


P057 CONTINUOUS THORACOLUMBAR FASCIA BLOCK, A NEW PROMISING REGIONAL ANESTHESIA TECHNIQUE FOR ANALGESIA IN MAJOR SPINAL SURGERY // L. Wagenaar* (NL) - M. Abu Saris - H. D. De Boer


POSTER PRESENTATIONS


P062 CORRELATION OF COMPLIANCE WITH ENHANCED RECOVERY AFTER SURGERY (ERAS) GUIDELINES AND PATIENT OUTCOMES IN GYNECOLOGIC SURGERY // M. D. Iniesta* (US) - J. D. Lasala - A. Rodriguez-Restrepo - G. Salvo - M. F. Munsell - L. A. Meyer - P. T. Ramirez


P064 NEW PARADIGMS IN NURSING WITH THE IMPLEMENTATION OF THE ENHANCED RECOVERY AFTER SURGERY PROGRAM ERAS AT BENEMÉRITO HOSPITAL CIVIL FAA GUADALAJARA, JALISCO, MEXICO // M. S. Jimenez * (MX) - D. Enciso - R. Rodriguez - J. Ramirez - C. Cabrera - J. Reynoso and ERAS Mexico Group

P065 ERAS-APPTIMIZE: IMPROVING REPORTED QUALITY OF LIFE BY ENHANCING MONITORED COMPLIANCE TO THE ERAS CARE PATHWAY BY USING EHEALTH. THE PATIENT IN THE PROCESS // M. Jansen* (NL) - A. Rauwerdink - C. J. de Borgie - C. J. Buskens - W. A. Bemelman - M. P. Schijven

P066 DAY-CASE ROBOTIC ASSISTED LAPAROSCOPIC PROSTATECTOMY (RALP) // M. Colmsee* (GB) - J. Tozer - W. Coomer - M. Jefferies - J. Ravi - A. Carter - J. Wilson

P067 COMPARATIVE OUTCOMES FOR ROBOTIC WHIPPLE PROCEDURES BEFORE AND AFTER ADHERENCE TO AN ERAS® PROTOCOL // M. Passeri* (US) - W. Lyman - A. Sastry - A. Cochran - D. Iannitti - J. Martinie - E. Baker - D. Vrochides


P073 CAN MEASUREMENT OF INTRAOPERATIVE PERFORMANCE PREDICT POSTOPERATIVE RECOVERY? // N. Curtis - J. Conti - G. Dennison - G. Hanna - N. Francis* (UK)

P075 ENHANCED RECOVERY AFTER SURGERY CONCEPT IN SURGICAL TREATMENT OF PATIENTS WITH ACUTE OBSTRUCTIVE COLORECTAL CANCER (THE PROSPECTIVE RANDOMIZED CONTROLLED CLINICAL STUDY) // N. A. Sizonenko* (RU) - D. A. Surov - I. A. Soloviev - A. E. Demko - O. V. Balura - R. A. Akbashev

P076 A ROLE FOR HOSPITAL MEDICINE IN PERIOPERATIVE CARE // R. E. Thompson* (US) - D. Seeley - J. Shiffermiller

P077 EARLY VERSUS TRADITIONAL ORAL FEEDING AFTER ABDOMINAL SURGERY: A META-ANALYSIS OF RANDOMIZED CLINICAL TRIALS // R. Khaloeifard* (IR) - B. Hosseini - S. Shab-Bidar - K. Djafran

P079 A NOVEL NON-OPIOID PREEMPTIVE PAIN PROTOCOL // R. Bushnell* (US)

P080 ENHANCED RECOVERY AFTER SURGERY: EFFECT ON OUTCOME OF PATIENTS UNDERGOING LAPAROTOMY AT MBARARA REGIONAL REFERRAL HOSPITAL // S. M. Tshijuke* (UG) - F. Bajunirwe - E. Munyanugero

P081 CLINICAL AND FINANCIAL IMPACT OF AN ENHANCED RECOVERY PROGRAMME FOR COLORECTAL SURGERY IN A PUBLIC TERTIARY HOSPITAL IN SINGAPORE // S. W. Y. Chan* (SG) - H. Liu - K. Y. Wong - G. S. Tay - S. S. Fong - K. Y. How and Tan Tock Seng Hospital ERAS Core Team

P082 ERAS BENEFIT NOT ONLY FOR PATIENTS, BUT ALSO FOR MEDICAL STAFFS FROM ENHANCING THE POSITIVE WORK ENVIRONMENT- ERAS IMPLEMENTATION EXPERIENCE IN ONE MEDICAL CENTER FROM TAIWAN // S. L. Guo* (TW) - W.-H. Huang - P.-H. Chen - S. Y. Hsiao - J. C. Wong - T. S. Yang

P083 IMPROVING THE DELIVERY OF PRE-OPERATIVE EDUCATION FOR PATIENTS ON THE COLORECTAL ERAS PROGRAMME // S. Montgomery* (GB) - B. O'Donnell - C. Sime

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P085 WHAT ROLE COULD FURTHER IMPLEMENTATION OF ERAS ACROSS ELECTIVE ORTHOPAEDIC AND SPINAL PROCEDURES PLAY IN HELPING TO EASE THE CURRENT NHS CAPACITY CHALLENGES? // T. W. Wainwright* (UK) - L. Burgess

P086 IS ERAS NOW THE ROUTINE STANDARD CARE IN ENGLISH NHS HOSPITALS FOR TOTAL HIP REPLACEMENT AND TOTAL KNEE REPLACEMENT? // T. W. Wainwright* (UK) - L. Burgess

P087 WHAT IS THE CURRENT EVIDENCE BASE FOR POST-OPERATIVE PHYSIOTHERAPY IN GENERAL SURGICAL ERAS PATHWAYS? // T. Wainwright* (UK) - L. Burgess

P088 APPLICATION OF DIGITAL LEARNING PLATFORMS WITHIN ERAS; A SYSTEMATIC REVIEW // T. Walker* (UK) - F. Y. Chang - F. Carter - N. Curtis - G. Dennison - N. Francis and ERAS UK


P092 MOSAPRIDE REDUCES THE INCIDENCE OF PROLONGED POSTOPERATIVE ILEUS AFTER OPEN COLORECTAL SURGERY // V. Lohsiriwat* (TH)

P093 THE IMPLEMENTATION OF AN ERAS PROGRAM IN PATIENTS UNDERGOING EMERGENCY COLORECTAL SURGERY // V. Alivizatos* (GR) - P. Demetriou - L. Tchabashvili - K. Tasiós - P. Athanasopoulos

P094 RETROSPECTIVE ANALYSIS OF PERIOPERATIVE TEMPERATURE CONTROL IN PATIENTS UNDERGOING COLORECTAL SURGERY SINCE IMPLEMENTATION OF ENHANCED RECOVERY AFTER SURGERY (ERAS) // V. Lim* (SG) - J. Tan - Y. P. Cheang - K. Y. How and TTSH ERAS Core Team

P095 LAPAROSCOPIC ELECTIVE COLONIC RESECTIONS IN ERAS PATIENTS WITHOUT THE USE OF URINARY CATHETERIZATION // V. V. Løgavlen* (NO) - E. Styve - E. Warberg

P096 DISCONTINUING PHARMACOLOGICAL THROMBOPROPHYLAXIS AT DISCHARGE AMONGST COLORECTAL ERAS PATIENTS, IS IT SAFE? // V. V. Løgavlen* (NO) - E. Styve - E. Warberg

P097 AN INTERACTIVE SOFTWARE PLATFORM FOR MONITORING SUCCESSFUL IMPLEMENTATION OF ERAS* FOR PANCREATICODUODENECTOMY // W. B. Lyman* (US) - M. Passeri - K. Murphy - D. A. Iannitti - J. B. Martinie - E. H. Baker - B. D. Matthews - D. Vrochides
POSTER PRESENTATIONS


P100  OVERCOMING BARRIERS AND IMPROVING ADHERENCE TO NUTRITIONAL PROTOCOLS IN ENHANCED RECOVERY AFTER SURGERY (ERAS) FOR COLORECTAL SURGERY  // Y. L. Hu - L. P. Kong - K. Ho* (SG) and TTSH ERAS Core Team: Dr How Kwang Yeong, Dr Liu Hui Min, Dr Jonathan Tan, Dr Vera Lim, Mr Jayachandran Balachandran, Ms Ong Yawei

P101  INCORPORATING ENHANCED RECOVERY AFTER SURGERY (ERAS) COMPONENTS INTO AN EXISTING ELECTIVE COLORECTAL CLINICAL PATHWAY LEADS TO IMPROVED ADHERENCE TO ERAS PROTOCOLS  // Y. L. Hu* (SG) - J. Lin - L. P. Kong - K. Ho and TTSH ERAS Core Team: Dr How Kwang Yeong, Dr Liu Hui Min, Dr Jonathan Tan, Dr Vera Lim, Mr Jayachandran Balachandran, Ms Ong Yawei


INDUSTRY SPONSORED SESSION

Thursday 24 May 2018

12.45 - 13.45  INDUSTRY SPONSORED SESSION - MEDTRONIC  Plenary B182
From volume to value: Insights into value-based healthcare  // F. Ottinger (FR)
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Address: 301A - 175 Longwood Rd S, Hamilton, Ontario,
Country: Canada
Email: eric@enmednut.com
Website: www.enmednut.com

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SwERAS is the Swedish Chapter of the ERAS® Society, and was founded in November 2016.

Our aim is to improve recovery after surgery by promoting evidence based education, understanding, audit and research regarding optimal postoperative outcome. Hospitals practicing the guidelines are achieving dramatic decreases in hospital length of stay and a decline in postoperative complications.

SwERAS has a broad base and is engaging all kinds of healthcare professionals. We hold an annual conference in November.

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Contact our Swedish partner Solann: www.solann.se.

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The company pioneers nutritional solutions for oncology, critical care, stroke, frailty and memory loss. In paediatric care, Nutricia offers innovative products and services for the management of cow’s milk allergy, genetic metabolic disorders and faltering growth.
COMPANY PROFILES

Pacira Pharmaceuticals, Inc.

Address 5 Sylvan Way, Suite 300, Parsippany, NJ 07054
Country USA
Website www.pacira.com

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EXHIBITION PLAN

PLENARY B1&2

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Sweden

DISCLAIMER
ERAS®Society and MCI Suisse SA, as the Congress planner, claim no liability for the act of any supplier to this meeting, nor liability for personal injury, the safety of any attendee while in transit to or from this event, for any loss or damage, for delays in transport by air, sea, rail, road, weather, in case of strikes, sickness, war or other causes.

EXHIBITION INFORMATION
The ERAS 2018 exhibition and the poster area are located in Room B3 and Foyer area. Coffee breaks and lunches will be distributed there.

EXHIBITION SCHEDULE

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Wednesday 23 May 2018</td>
<td>18.00 - 20.30</td>
</tr>
<tr>
<td>Thursday 24 May 2018</td>
<td>08.00 - 17.00</td>
</tr>
<tr>
<td>Friday 25 May 2018</td>
<td>08.00 - 14.00</td>
</tr>
</tbody>
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FOOD & BEVERAGE
Coffee/tea and light snacks during official breaks are included in the registration fees and will be served in the exhibition and poster area.

LANGUAGE
English is the official Congress language.
MOBILE PHONES
Delegates are kindly requested to keep their mobile phones in the off position in the rooms where scientific and educational sessions are being held, as well as during poster viewing.

ONSITE REGISTRATION AREA
The desk for registration of the Pre-Congress and Congress, information and distribution of documents is open as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>Wednesday 23 May 2018</td>
<td>12.00 - 20.00</td>
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<tr>
<td>Thursday 24 May 2018</td>
<td>07.30 - 18.30</td>
</tr>
<tr>
<td>Friday 25 May 2018</td>
<td>08.00 - 16.30</td>
</tr>
</tbody>
</table>

Registration: on Level 1, in the Main Hall of the Clarion Sign Hotel.

SMOKING POLICY
The World Congress of Enhanced Recovery After Surgery is a non-smoking event. It is forbidden to smoke in the Congress venue, including the exhibition & poster area.

SPEAKER’S PREVIEW ROOM
There will not be a dedicated speakers’ preview room at the Congress. Speakers are kindly invited to give their presentation on a USB key at the registration desk, at least 2 hours before their presentation. The conference room contains state-of-the-art technical equipment.

UEMS ACCREDITATION
ERAS 2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. ERAS 2018 is designated for a maximum of, or up to 17 European CME credits (ECMEC). Each medical specialist should claim only those credits that he/she actually spent in the educational activity. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

Through an agreement between the European Union of Medical Specialists 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/go/internationalcme. Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits 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.

WI-FI ACCESS
Wi-fi is available for all delegates in the Clarion Sign Hotel. The Wi-fi name is Clarion-Connect and requires no password.
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