

# ERAS<sup>®</sup>Society

## 6<sup>th</sup> ERAS World Congress

ENHANCED RECOVERY AFTER SURGERY

23 - 25 May 2018

CLARION HOTEL SIGN  
STOCKHOLM - SWEDEN

# FINAL PROGRAMME



ERAS<sup>®</sup>Society

6<sup>th</sup> ERAS  
World Congress  
ENHANCED RECOVERY  
AFTER SURGERY

23-25 May 2018  
CLARION HOTEL SIGN  
STOCKHOLM, SWEDEN

STOCKHOLM

[www.erassociety.org](http://www.erassociety.org)





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## WELCOME MESSAGE

### The world congress of Enhanced Recovery After Surgery welcomes you to Stockholm!

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 multidisciplinary 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

Olle Ljungqvist (SE)

*ERAS® Society  
Chairman*

Hans de Boer (NL)

*ERAS® Society  
Treasurer*

Gregg Nelson (CA)

*ERAS® Society  
Secretary*

Nicolas Demartines (CH)

*ERAS® Implementation  
Programme Chairman*

Dileep Lobo (UK)

*ERAS® Society  
Scientific Chairman*

Mike Scott (US)

*ERAS® Society  
Educational Chairman*

Angie Balfour (UK)

*Nurse Section Chair*

William Fawcett (UK)

*Website Editor*

Thomas Wainwright (UK)

*Website Editor*

### SPECIALTY GROUP CHAIRS

Yannick Cerantola (CH)

*Urology Group*

Gregg Nelson (CA)

*Gynaecology &  
Women's Health Group*

Daniel Engelman (US)

*Cardiac Surgery Group*

### LOCAL ORGANISING COMMITTEE

Anders Thorell (SE)

*ERAS® 2018  
Congress President*

Lars Johansen (SE)

*ERAS® 2018  
Committee*

Monika Egenvall (SE)

*ERAS® 2018  
Committee*

Magnus Iversen (SE)

*ERAS® 2018  
Committee*

Hans Hjelmqvist (SE)

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Margaretha Lindberg (SE)

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Committee*

Fredrik Hjern (SE)

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Committee*

Ulf Gustafsson (SE)

*ERAS® 2018  
Committee*

Folke Hammarqvist (SE)

*ERAS® 2018  
Committee*

Kristina Wikander (SE)

*ERAS® Society  
Secretariat*





## ERAS<sup>®</sup> SOCIETY

ERAS<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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%

**ERAS<sup>®</sup> Society**  
  
Improving Perioperative Care Worldwide



# PRE-CONGRESS PROGRAMME

Overview of all parallel sessions

**Wednesday 23 May 2018**

	Plenary B1&2	C123 Part 1	C123 Part 2
08.00 - 09.00		<b>CARDIAC SURGERY SYMPOSIUM</b> 08.00 - 12.00	
09.00 - 10.00			
10.00 - 11.00			
11.00 - 12.00			
12.00 - 13.00			
13.00 - 14.00	<b>ERAS EDUCATIONAL COURSE</b> 13.00 - 18.00	<b>WOMEN'S HEALTH / GYNECOLOGY GROUP SYMPOSIUM</b> 13.00 - 17.30	<b>UROLOGY CHAPTER MEETING</b> 13.00 - 16.15
14.00 - 15.00			
15.00 - 16.00			
16.00 - 17.00			
17.00 - 18.00			<b>NURSING &amp; AHP GROUP MEETING</b> 17.30 - 19.00
18.00 - 19.00			
	Exhibition & Poster Area		
19.00 - 20.00	<b>WELCOME RECEPTION</b> 19.00 - 20.30		
20.00 - 21.00			



# PRE-CONGRESS PROGRAMME

## Wednesday 23 May 2018

<b>08.00 - 12.00</b>	<b>CARDIAC SURGERY SYMPOSIUM - " Past, Present and Future "</b>	
<b>08.00 - 09.00</b>	<b>BUSINESS MEETING</b>	<b>C123 Part 1</b>
<b>09.00 - 10.15</b>	<b>SESSION 1: ERAS® CARDIAC SURGERY – PAST AND PRESENT</b>	<b>C123 Part 1</b>
	<i>Chairs: D. Engelman (US), et al.</i>	
09.00 - 09.15	ERAS® Cardiac Surgery Overview and Mission Past: Fast-Track Surgery – Present: Introduction, Overview // <i>D. Engelman (US)</i>	
09.15 - 09.30	Quality Improvement in Cardiac Surgery: 15 Years of Lessons // <i>K. Lobdell (US)</i>	
09.30 - 09.50	Consensus Guidelines Grading Process and Structure // <i>E. Boyle (US)</i>	
09.50 - 10.10	2018 ERAS® Cardiac Surgery Consensus Guidelines // <i>R. Arora (CA) &amp; L. Perrault (CA)</i>	
10.10 - 10.15	Audience Q&A	
<b>10.15 - 10.45</b>	<b>BREAK &amp; NETWORKING</b>	<b>FOYER AREA - LEVEL 1</b>
<b>10.45 - 12.00</b>	<b>SESSION 2: ERAS® CARDIAC SURGERY RESULTS, FUTURE CONSENSUS WORK AND OPEN DISCUSSION</b>	<b>C123 Part 1</b>
	<i>Chairs: D. Engelman (US), et al.</i>	
10.45 - 11.00	"PREHAB"-ilitation in Cardiac Surgery Patients // <i>R. Arora (CA)</i>	
11.00 - 11.15	Ventilation and Enhanced Recovery. Can we identify best practice? // <i>N. Fletcher (UK)</i>	
11.15 - 11.30	Incorporating value analysis in the ERAS implementation process // <i>E. Boyle (US) &amp; K. Lobdell (US)</i>	
11.30 - 11.45	Preview and voting for 2019 Collaborative Efforts and Open Forum of Best Practices in Enhanced Recovery // <i>L. Perrault (CA)</i>	
11.45 - 12.00	Opioid Sparing Analgesic Strategies in Cardiac Surgery // <i>A. J. Gregory (CA)</i>	
<b>13.00 - 16.15</b>	<b>UROLOGY CHAPTER MEETING</b>	<b>C123 Part 2</b>
13.00 - 13.10	Welcome word: ERAS – urology after "proof of concept": what's the next step? // <i>J. Collins (SE) &amp; Y. Cerantola (CH)</i>	
13.10 - 13.45	State of the Art Lecture: Perioperative nutritional support to cystectomy patients // <i>J. Hamilton-Reeves (US)</i>	
13.45 - 14.10	The association of ERAS and robotics gives the best outcomes // <i>J. Collins (SE)</i>	
14.10 - 14.35	The "readmission black box" // <i>J. McGrath (UK)</i>	
<b>14.35 - 15.00</b>	<b>BREAK &amp; NETWORKING</b>	<b>FOYER AREA - LEVEL 1</b>
15.00 - 15.25	Why and how do I reduce patient's opioid consumption? // <i>J. Bakul Shah (US)</i>	
15.25 - 15.50	ERAS protocol after radical cystectomy – lessons learned after 500 cases // <i>S. Daneshmand (US)</i>	
15.50 - 16.15	Any room for ERAS in other urological procedures? // <i>S. Muller (NO)</i>	
16.15	Closing of the session	





# PRE-CONGRESS PROGRAMME

## Wednesday 23 May 2018

<b>13.00 - 17.30</b>	<b>WOMEN'S HEALTH / GYNECOLOGY GROUP SYMPOSIUM</b>	
<b>13.00 - 13.10</b>	<b>INTRODUCTION / GYNECOLOGY GROUP UPDATES</b> // G. Nelson (CA)	<b>C123 Part 1</b>
<b>13.10 - 15.10</b>	<b>SESSION 1</b> <i>Chairs: G. Nelson (CA) &amp; P. Ramirez (US)</i>	<b>C123 Part 1</b>
13.10 - 13.30	ERAS Gyn/Onc Guidelines 2.0 – what are the important changes to the recommendations? // G. Nelson (CA)	
13.30 - 13.50	Update on ERAS Implementation-Mayo Clinic Experience // S. Dowdy (US)	
13.50 - 14.10	Update on ERAS Implementation-MD Anderson Cancer Center Experience // P. Ramirez (US)	
14.10 - 14.30	EIAS Gynecology System Study // L. Wijk (SE)	
14.30 - 14.50	Glycemic control initiative for reduction of surgical site infections in gynecologic oncology // L. Hopkins (CA)	
14.50 - 15.10	Call to arms! Venothromboembolism risk reduction in Epithelial Ovarian Cancer // J. Bakkum-Gamez (US)	
<b>15.10 - 15.30</b>	<b>COFFEE BREAK</b>	<b>FOYER AREA - LEVEL 1</b>
<b>15.30 - 17.30</b>	<b>SESSION 2</b> <i>Chairs: S. Dowdy (US) &amp; J. Bakkum-Gamez (US)</i>	<b>C123 Part 1</b>
15.30 - 15.50	ERAS Patient Satisfaction Using a Smartphone Home-Recovery Monitoring App // C. Temple-Oberle (CA)	
15.50 - 16.10	Goal directed fluid therapy and Strategies for reducing perioperative opioid consumption: The MD Anderson Cancer Center experience // G. Mena (US)	
16.10 - 16.30	Strategies for reducing postoperative opioid consumption // S. Dowdy (US)	
16.30 - 16.50	ERAS Perioperative Nutrition – what is the role of carbohydrate loading and immunonutrition? // J. Nygren (SE)	
16.50 - 17.10	Impact of ERAS Implementation on Patient Reported Outcomes in Open and Minimally Invasive Surgery // L. Meyer (US)	
17.10 - 17.30	Blood transfusion reduction strategies in gynecologic oncology surgery // J. Bakkum-Gamez (US)	
17.30	Closing Remarks // G. Nelson (CA)	



# PRE-CONGRESS PROGRAMME

## Wednesday 23 May 2018

<b>13.00 - 18.00</b>	<b>ERAS EDUCATIONAL COURSE</b>	
<b>13.00 - 15.30</b>	<b>SESSION 1</b>	<b>Plenary B1&amp;2</b>
	<i>Chairs: M. Scott (US) &amp; T. Rockall (UK)</i>	
13.00 - 13.30	ERAS – Overview, Pathophysiology // <i>T. Rockall (UK)</i>	
13.30 - 14.00	ERAS and the Nurse, Preoperative education & preparation // <i>A. Balfour (UK)</i>	
14.00 - 14.30	Medical optimisation, pre-habilitation and carbohydrate loading // <i>W. Fawcett (UK)</i>	
14.30 - 15.00	Role of the surgeon leader in ERAS // <i>S. Dowdy (US)</i>	
15.00 - 15.30	ERAS and the anaesthetist – anaesthesia, fluids, analgesia // <i>M. Scott (US)</i>	
<b>15.30 - 16.00</b>	<b>COFFEE BREAK</b>	<b>FOYER AREA - LEVEL 1</b>
<b>16.00 - 18.00</b>	<b>SESSION 2</b>	<b>Plenary B1&amp;2</b>
	<i>Chairs: M. Hubner (CH) &amp; U. Gustafsson (SE)</i>	
16.00 - 16.25	ERAS and the patient – Audit and what outcomes are important // <i>M. Hubner (CH)</i>	
16.25 - 17.50	Specialty specific issues in an ERAS pathway	
	Gynecology // <i>G. Nelson (CA)</i>	
	Urology // <i>Y. Cerantola (CH)</i>	
	Orthopaedics // <i>T. Wainwright (UK)</i>	
	Thoracic // <i>T. Batchelor (UK)</i>	
	Pediatrics // <i>M. Brindle (CA)</i>	
	Hepatobiliary // <i>D. Vrochides (US)</i>	
17.50 - 18.00	Summary & Question and Answer Session	
<b>17.30 - 19.00</b>	<b>NURSING &amp; AHP GROUP MEETING</b>	<b>C123 Part 2</b>
17.30 - 17.50	How to implement ERAS and overcome barriers in an academic medical center and a community hospital // <i>M-A. Mecca Monaghan (US) &amp; P. Ahlquist (US)</i>	
17.50 - 18.10	Does stoma education need to be adapted for ERAS patients? // <i>P. Herlufsen (DK)</i>	
18.10 - 18.25	Qualitative Research in ERAS – a literature review // <i>A. Balfour (UK) &amp; D. Hjort (DK)</i>	
18.25 - 18.45	MDT-working as part of prehabilitation and ERAS (a Welsh perspective) // <i>R. Barlow (UK)</i>	
18.45 - 19.00	Discussion	
	What's next for the Nursing & AHP Group?	
	Suggestions for topics to add to next year's congress	
<b>19.00 - 20.30</b>	<b>WELCOME RECEPTION</b>	<b>EXHIBITION &amp; FOYER AREA - LEVEL 1</b>



# SCIENTIFIC PROGRAMME

## Thursday 24 May 2018

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



# SCIENTIFIC PROGRAMME

## Thursday 24 May 2018

**15.45 - 16.05**
**COFFEE BREAK & POSTER ROUND**
**EXHIBITION & FOYER AREA - LEVEL 1**
**16.05 - 17.05**
**THE " CHALLENGING " ERAS PATIENT**
**Plenary B1&2**
*Chairs: N. Demartines (CH) & M. Adham (FR)*

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**
**Plenary B1&2**
*Chairs: D. Lobo (UK) & M. Scott (US)*

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 PANCREATODUODENECTOMY: 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)*



# SCIENTIFIC PROGRAMME

## Friday 25 May 2018

**08.30 - 09.50**
**CHALLENGE THE EXPERTS**
**Plenary B1&2**
*Chairs: M. Hubner (CH) & T. Rockall (UK)*

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**
*Chairs: H. Kehlet (DK) & R. Barlow (UK)*

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**
**COFFEE BREAK & POSTER ROUND**
**EXHIBITION & FOYER AREA - LEVEL 1**
**11.40 - 12.15**
**RAPID FIRE PRESENTATIONS**
**Plenary B1&2**
*Chairs: G. Nelson (CA) & F. Carli (CA)*

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 PANCREATODUODENECTOMY 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 PANCREATODUODENECTOMY 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

<b>12.15 - 13.00</b>	<b>HENRIK KEHLET LECTURE</b> <i>Chairs: O. Ljungqvist (SE) &amp; N. Demartines (CH)</i> New concept of benchmarking in Surgery // P. A. Clavien (CH)	<b>Plenary B1&amp;2</b>
<b>13.00 - 14.00</b>	<b>LUNCH BREAK &amp; POSTER ROUND</b>	<b>EXHIBITION &amp; FOYER AREA - LEVEL 1</b>
<b>14.00 - 15.00</b>	<b>ERAS AND SURVIVAL</b> <i>Chairs: A. Acheson (UK) &amp; M. Iversen (DK)</i>	<b>Plenary B1&amp;2</b>
14.00 - 14.20	How safe is surgery for the patient? // M. Adham (FR)	
14.20 - 14.40	ERAS and 30-day mortality // T. Rockall (UK)	
14.40 - 15.00	ERAS and long-term cancer survival // U. Gustafsson (SE)	
<b>15.00 - 16.15</b>	<b>PATIENT PARTNERSHIP</b> <i>Chairs: V. Addor (CH) &amp; J. Nygren (SE)</i>	<b>Plenary B1&amp;2</b>
15.00 - 15.20	Validation of measurements of recovery // J. Kleif (DK)	
15.20 - 15.40	How to engage relatives and care givers // R. Barlow (UK)	
15.40 - 16.00	Patient reflections // A. Balfour (UK)	
16.00 - 16.15	Panel discussion	
<b>16.15 - 16.20</b>	<b>CONCLUDING LECTURE</b> // O. Ljungqvist (SE)	<b>Plenary B1&amp;2</b>
<b>16.20 - 16.30</b>	<b>PRIZE DISTRIBUTION AND END OF CONGRESS</b> <i>Chairs: D. Lobo (UK) &amp; O. Ljungqvist (SE)</i>	<b>Plenary B1&amp;2</b>



# 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.

- P001** THE INTRODUCTION OF THE ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOL IN A TERTIARY CENTRE IMPROVE THE POST-OPERATIVE OUTCOMES AFTER GYNAECOLOGIC SURGERY: A CASE CONTROL PRELIMINARY STUDY // A. Buda\* (IT) - M. Gili - M. E. Sparacino - L. Montanelli - F. Dell'Orto - L. D'Andrea - S. Palmieri - F. Brunetti - C. Fornasari - F. Testa - B. Cambiaghi - D. Verri - M. Adorni - M. Frigerio - P. Passoni - S. Magni - G. Di Martino - C. Reato - F. Landoni - G. Foti
- P002** ENHANCED RECOVERY PATHWAY FOR NON-COMPLICATED PEDIATRIC APPENDICITIS UTILIZING A SINGLE DEDICATED PRE- AND POST-OPERATIVE UNIT // A. Kao\* (US) - T. Prasad - T. L. Marks - L. Chambers - B. T. Heniford - G. H. Cosper
- P003** OUTCOMES IN COLORECTAL SURGERY AT REINA SOFIA CLINIC, BOGOTA, COLOMBIA, AFTER THE IMPLEMENTATION OF THE ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOL // E. Zarate - A. Navas\* (CO) - A. Barrios - A. Sarmiento - J. Betancourt - F. Mendivelso - V. Pineda - J. Arias - L. A. Cortes and Reina Sofia Clinic ERAS Group
- 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. Liotiriri
- P006** REDUCTION OF COSTS WITH ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM IMPLEMENTATION IN AN INSTITUTION OF A DEVELOPING COUNTRY // E. Zarate - A. Navas - A. Barrios\* (CO) - A. Sarmiento - J. Betancourt - F. Mendivelso - V. Pineda - L.A. Cortes and Reina Sofia Clinic ERAS Group
- P007** ENHANCED RECOVERY PROGRAM IN GYNAECOLOGICAL SURGERY; PERSISTENCY OF COST-EFFICIENCY OVER TIME AFTER IMPLEMENTATION? // B. C.-E. Pache\* (CH) - G.-R. Joliat - M. Hübner - N. Demartines - A. Huguenin - P. Mathevet - C. Ahtari
- P008** COST-BENEFIT ANALYSIS OF THE IMPLEMENTATION OF AN ENHANCED RECOVERY PROGRAM IN GYNAECOLOGICAL SURGERY // B. C.-E. Pache\* (CH) - G.-R. Joliat - M. Hübner - P. Mathevet - N. Demartines - M. Schaeppi - C. Ahtari
- P009** ENHANCED RECOVERY AFTER SURGERY PATHWAYS IN GYNAECOLOGICAL SURGERY DECREASES DURATION OF HOSPITAL STAY WITHOUT INCREASING READMISSION RATE // B. C.-E. Pache\* (CH) - G.-R. Joliat - M. Hübner - F. Grass - N. Demartines - P. Mathevet - C. Ahtari
- P010** DEXMEDETOMIDINE OR REMIFENTANIL AS PART OF MULTI-TARGET ANESTHESIA IN ELECTIVE COLORECTAL SURGERY: A RETROSPECTIVE ANALYSIS ON PATIENT OUTCOME AFTER FULLY IMPLEMENTED ERAS PROTOCOLS // B. Zoer\* (NL) - L. S. Wagenaar - A. F. Olieman - B. B. Pultrum - H. van Kooten-Mosterd - H. Smid Nanninga - A. Tol Bueving - H. D. de Boer
- P011** ENHANCED RECOVERY AFTER SURGERY (ERAS) VERSUS FAST TRACK PROTOCOLS: ARE CLINICAL OUTCOMES DIFFERENT? // D. Cintorino - C. Ricotta\* (IT) - P. Bonsignore - F. di Francesco - S. Li Petri - D. Pagano - A. Tropea - S. Gruttadauria
- P012** IMPLEMENTATION OF 'DISCHARGE READINESS CRITERIA' IN AN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM: WHY IS A GREAT IDEA OFTEN NOT FEASIBLE? // C. Corzo\* (US) - M. D. Iniesta - L. A. Meyer - A. Siverand - T. Suki - J. Lasala - P. T. Ramirez



## POSTER PRESENTATIONS

- P013** ONE-YEAR EXPERIENCE IMPLEMENTING ERAS PROGRAM IN A PUBLIC HOSPITAL IN WESTERN MEXICO  
// C. Cabrera\* (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. Pavlakis - 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. Pavlakis - M. Perry - K. Patil
- P018** VOLUMES OF INTRATHECAL BUPIVICAINE 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 // C. Rodriguez-Cosmen\* (ES) - M. Sadurní - E. Miralpeix - M. Rueda - A. Cierco - M. A. Oliver - M. Corcoy
- 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 ANALGESIA 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 // L. E. Goss - M. S. Morris - J. S. Richman - J. A. Cannon - G. D. Kennedy - J. W. Simmons - S. J. Knight - D. I. Chu\* (US)
- 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 DUODENOPANCREATCTOMY WITHIN AN ENHANCED RECOVERY PROGRAM: A COHORT STUDY // D. Roulin\* (CH) - J. Gilglen - M. Hübner - N. Halkic - N. Demartines
- P027** FEASIBILITY OF ENHANCED RECOVERY PROTOCOL FOR DUODENOPANCREATCTOMY: A MULTICENTRIC COHORT STUDY // D. Roulin\* (CH) - E. Melloul - M. Hubner - M. Bockhorn - J. Izicki - 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

- P029** PROGNOSTIC NUTRITIONAL INDEX PREDICTS POSTOPERATIVE OUTCOME IN OVARIAN CANCER  
// E. Miralpeix\* (ES) - S. Gayete - J. M. Solé-Sedeño - C. Rodríguez-Cosmen - A. Payà - G. Mancebo
- P030** PROGRESSIVE IMPLEMENTATION OF ERAS PROTOCOL IN RADICAL CYSTECTOMY. OUTCOMES AUDIT  
// G. Nohales - M. Corcoy - E. Ruz\* (ES) - G. Llauradó - A. Sanroma - L. Cecchini
- P031** META-ANALYSIS OF PERIOPERATIVE ENTERAL IMMUNONUTRITION AND MORBIDITY IN RADICAL CYSTECTOMY // F. Crettenand\* (CH) - P. Martel - Y. Cerantola
- P032** RATE OF POSTOPERATIVE COMPLICATIONS AFTER BOWEL SURGERY IN THE SETTING OF AN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM: WHAT HAPPENS WHEN NO MECHANICAL BOWEL PREPARATION IS IMPLEMENTED? // G. Salvo\* (US) - L. A. Meyer - J. Lasala - M. D. Iniesta - C. Corzo - A. Siverand - T. Suki - B. Fellman - P. T. Ramirez
- P033** FEASIBILITY OF AN ENHANCED RECOVERY AFTER SURGERY PROGRAM IN COLIC SURGERY IN A FRENCH COMMUNITY HOSPITAL // G. Liddo\* (FR) - C. Benneleek - S. Ilunga - A. Gennin - S. Carpentier - N. Charles - B. Clerquin - B. Lecoq - A. C. Deshorgue - M. Jania - G. Dezfoulan - S. Fontaine - N. Elbeki - P. Bonnet
- P034** MAKING PATIENTS FIT FOR SURGERY: INTRODUCING A FOUR PILLAR MULTIMODAL PREHABILITATION PROGRAMME IN COLORECTAL CANCER // G. Thomas\* (NL) - S. van Rooijen - G. Schep - R. van Lieshout - S. Beijer - R. Dubbers - F. Carli - R. Roumen - G. Slooter
- 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
- P037** THE IMPACT OF ERAS IN VBHC: REDUCTION OF HEALTHCARE COSTS AFTER FULL IMPLEMENTATION OF ERAS PROTOCOLS IN LAPAROSCOPIC COLORECTAL SURGERY // H. Smid-Nanninga\* (NL) - L. S. Wagenaar - A. F. Olieman - B. B. Pultrum - H. van Kooten-Mosterd - B. Zoer - H. D. De Boer
- P038** DISCHARGE WITHIN 48 HOURS AFTER ELECTIVE COLORECTAL SURGERY IS FEASIBLE WITH FULLY IMPLEMENTED ERAS PROTOCOLS // H. Smid-Nanninga\* (NL) - A. F. Olieman - L. S. Wagenaar - B. B. Pultrum - H. van Kooten-Mosterd - B. Zoer - A. Bueving-Tol - H. D. De Boer
- P039** INTER-DISCIPLINARY TEAM APPROACH TOWARDS FEASIBILITY OF NURSE-LED EARLY MOBILISATION FOR POST-OPERATIVE COLORECTAL PATIENTS // H. G. Wong - H. L. Loh\* (SG) - M. K. Tan - L. P. Kong - M. F. Foong - K. Y. How - T. Jonathan - B. Jayachandran and TTSH ERAS CORE TEAM
- P040** ERAS PROTOCOL INFLUENCE ON POSTOPERATIVE INFLAMMATION AND SHORT-TERM POSTOPERATIVE RECOVERY OUTCOMES IN COLORECTAL CANCER SURGERY // I. K. Lee\* (KR) - H. Jalloun
- P041** PREHABILITATION IN THE ELDERLY: IS IT POSSIBLE? // M. Corcoy - G. Nohales - I. Romero\* (ES) - M. Sadurni - L. Cecchini - J. Vallés
- 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
- P043** CLINICAL APPLICATION OF ERAS PROGRAM IN PERIOPERATIVE MANAGEMENT OF ROBOT-ASSISTED GASTRECTOMY FOR GASTRIC CANCER: EXPERIENCES FROM SINGLE-CENTER // L. Yun - J. Zhiwei\* (CN) - W. Gang - L. Jiang - X. Cancan - J. Chuanwei - W. Haifeng - Z. Jiahui
- 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



# POSTER PRESENTATIONS

- P045** DEVELOPING A SMARTPHONE APP TO IMPROVE PATIENT ADHERENCE TO ERAS PROTOCOL  
// J. M. Sole-Sedeno\* (ES) - M. Blanco - E. Miralpeix - F. X. Medina Luque - A. Aguilar-Martinez - S. Gayete - A. Paya - G. Mancebo
- P046** THE USE OF PREDICTIVE MODELING FOR PROLONGED HOSPITAL LENGTH OF STAY FOR THE DEVELOPMENT OF AN ENHANCED RECOVERY AFTER SURGERY PROGRAM FOR PATIENTS UNDERGOING CYTOREDUCTIVE SURGERY WITH/WITHOUT HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY  
// J. Veerapong\* (US) - B. H. King - J. M. Baumgartner - K. J. Kelly - A. M. Lowy - R. A. Gabriel
- P047** POSTOPERATIVE PAIN AFTER ELECTIVE COLORECTAL SURGERY // M. Lindberg - J. Svensson - K. A. Franklin\* (SE)
- P048** IS ORAL ACETAMINOPHEN COMPARABLE TO INTRAVENOUS ACETAMINOPHEN WHEN USED AS A PREMEDICATION IN AN ERAS PATHWAY? // K. Cain\* (US) - M. D. Iniesta - T. Suki - A. Siverand - C. Corzo - B. Fellman - J. Lasala - L. A. Meyer - P. T. Ramirez
- 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)
- P050** IS A QUADRATUS LUMBORUM BLOCK SUPERIOR TO A TRANSVERSUS ABDOMINIS PLANE BLOCK FOR ANALGESIA IN LAPAROSCOPIC NEPHRECTOMIES? // K. Thorup\* (GB) - T. Gill - A. Ratnasingham - W. Caddy - P. Smith - D. Liotiri
- P051** CAN WE BETTER PREPARE PATIENTS PRIOR TO MAJOR ONCOLOGY SURGERY WITHIN AN ERAS PROGRAM? // K. Mayson\* (CA) - T. Hong - X. Huang - L. Arrick - J. Trudeau
- P052** UTILIZING FITBIT® TECHNOLOGY TO MONITOR PATIENT ACTIVITY TO DEMONSTRATE INCREASED ACTIVITY LEADS TO DECREASED LENGTH OF STAY FOLLOWING PANCREATODUODENECTOMY: A PILOT STUDY // K. Tezber\* (US) - C. Aviles - M. Eller - K. Leitch - P. D. Lanis - 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
- P055** NURSE LED MOBILIZATION: ERAS PATIENTS IN TAN TOCK SENG HOSPITAL, SINGAPORE  
// L. P. Kong\* (SG) - K. Ho - Y. L. Hu - K. Y. How - T. Jonathan - H. M. Liu - V. Q. Lim - B. Jayachandran - Y. W. Ong
- P056** ADOPTION OF AN ENHANCED RECOVERY PROGRAM LEADS TO DECREASED OPIOID USE AND ASSOCIATED PATIENT-REPORTED OPIOID RELATED ADVERSE SYMPTOMS // L. A. Meyer\* (US) - J. Lasala - M. D. Iniesta - Q. Shi - K. E. Cain - C. Corzo - T. Earles - M. Harris - X. S. Wang - P. T. Ramirez
- 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
- P058** ENHANCED RECOVERY PROGRAM FOR ONCOLOGIC GASTRIC SURGERY. COMPLIANCE AND OUTCOMES IN AN ITALIAN, PROSPECTIVE, MULTICENTER STUDY // L. Gianotti\* (IT) - M. Sandini - S. De Pascale - S. Rausei - J. Weindelmayer - L. Bencini - R. Rosati - A. Corattii - A. Sansonetti - A. Cussu - U. Fumagalli
- P059** BENEFITS OF FASTING ABBREVIATION FOR SURGICAL PATIENTS // L. F. O. Figliolino\* (BR) - T. F. Giacometti - U. R. Fernandes - K. Piza - A. Bottoni - S. D. A. Garnes
- P060** WEARABLE FITNESS TRACKERS FOR MEASUREMENT OF BEHAVIORAL PATTERNS AMONG PATIENTS UNDERGOING RADICAL CYSTECTOMY: A PILOT STUDY ASSESSING FEASIBILITY AND UTILITY  
// M. L. Burg - S. M. Pearce - D. E. Zainfeld - S. Ghodoussipour - A. Shah - A. K. Schuckman - H. Djaladat - S. Daneshmand\* (US)





# POSTER PRESENTATIONS

- P061** THE IMPORTANCE OF NUTRITIONAL SUPPORT IN ENHANCED RECOVERY AFTER SURGERY IN PATIENTS CANDIDATES FOR RADICAL CISTECTOMY // *M. Muns\* (ES) - G. Llauradó - G. Nohales - M. Villatoro - J. Adaglio - L. Fontané - M. Corcoy - J. Flores-Le Roux - L. Cecchini*
- 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*
- P063** OPIOID CONSUMPTION DAY PRIOR TO DISCHARGE IN PATIENTS UNDERGOING OPEN GYNECOLOGIC SURGERY IN AN ERAS PROGRAM: DEVELOPING A MODEL FOR REDUCTION IN NARCOTIC DISCHARGE PRESCRIPTIONS // *A. Sanchez Migallon - M. D. Iniesta\* (US) - L. A. Meyer - A. Siverand - T. S. Suki - K. C. Cain - J. Lasala - C. Corzo - B. Fellman - 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*
- P069** SARCOPENIC OBESITY IN HEPATOPANCREATICOBILIARY MALIGNANCY // *M. Fruscione - W. Lyman\* (US) - M. Passeri - E. Wang - T. Stone - K. Murphy - D. Iannitti - J. Martinie - E. Baker - D. Vrochides*
- P070** THE ROLE OF THE INTRAOPERATIVE DOSE OF FENTANYL IN POSTOPERATIVE ILEUS // *M. Rueda\* (ES) - M. Sadurni - L. Bosch - A. Benitez-Cano - C. Garcia Bernedo - L. Gallart Gallego*
- P071** THE IMPACT OF PATIENT FOCUSED PRE-OPERATIVE EDUCATION ON PATIENT READINESS FOR SURGERY AND LENGTH OF STAY IN COMPLEX ABDOMINAL SURGERY : THE PREOPERATIVE LEARNING AND READINESS IN SURGERY (POLARIS) PROGRAM // *M. B. Eller\* (US) - J. Drummond - K. Pate - C. Aviles - G. McClune - K. Tezber - A. Cochran - D. Vrochides*
- P072** EARLY DISCHARGE DOES NOT INCREASE READMISSION RATE IN PATIENTS ROBOTIC ASSISTED RADICAL CYSTECTOMY WITH ENHANCED RECOVERY PROTOCOL // *D. Moschonas - M. Kusuma\* (UK) - P. Pavlakis - C. Jones - A. Roodhouse - S. Woodhams - M. Swinn - H. Mostafid - M. Perry - K. Patil*
- 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. Khalooeifard\* (IR) - B. Hosseini - S. Shab-Bidar - K. Djafarian*
- P078** EFFECTS OF EARLY BETA-BLOCKADE ON MORBIDITY AND MORTALITY OUTCOMES AFTER ELECTIVE COLON CANCER SURGERY // *R. Ahl\* (SE) - P. Matthiessen - X. Fang - Y. Cao - G. Wallin - G. Sjölin - O. Ljungqvist - S. Mohseni*



# POSTER PRESENTATIONS

- 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. Munyarugero*
- 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*
- P084** THE ROLE OF STOMA NURSE IN PREOPERATIVE EDUCATION: AN ANALYSIS ON THE RECOVERY TIME OF THE AUTONOMY OF THE PERSON WITH OSTOMY // *S. I. R. Barreira\* (PT)*
- 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*
- P089** ENHANCED RECOVERY AFTER LIVER SURGERY: A COMPARATIVE STUDY OF A SOUTHERN BRAZILIAN CENTER // *U. F. Teixeira\* (BR) - F. F. Mendes - L. Vitola - C. Farias - D. Fernandes - C. Nazareth - I. Ewald - B. Leão - P. R. O. Fontes*
- P090** IMPLEMENTATION OF ENHANCED RECOVERY AFTER COLORECTAL SURGERY PROTOCOL: INITIAL RESULTS OF THE FIRST BRAZILIAN EXPERIENCE // *U. F. Teixeira\* (BR) - F. F. Mendes - L. Vitola - C. Farias - C. Nazareth - D. Fernandes - B. Leão - I. Ewald - P. R. Fontes*
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- 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 PANCREATODUODENECTOMY // *W. B. Lyman\* (US) - M. Passeri - K. Murphy - D. A. Iannitti - J. B. Martinie - E. H. Baker - B. D. Matthews - D. Vrochides*



## POSTER PRESENTATIONS

- P098** DOES ERAS® IMPLEMENTATION RESULT IN IMPROVED OUTCOMES FOR MINIMALLY INVASIVE LEFT PANCREATECTOMIES? // *W. B. Lyman\** (US) - *M. Passeri* - *A. Cochran* - *D. A. Iannitti* - *J. B. Martinie* - *E. H. Baker* - *D. Vrochides*
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- 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*
- P102** RELATIONSHIP BETWEEN OUTCOMES AND COMPLIANCE TO THE ERAS PROTOCOL FOR COLORECTAL SURGERY – A SINGLE INSTITUTION EXPERIENCE // *Y. L. Lim\** (SG) - *Q. Y. Lee* - *V. Lim* - *J. Tan* - *H. M. Liu* - *T. H. Loong* - *K. Y. Wong* - *S. S. Fong* - *G. S. Tay* - *K. Y. How* and TTSH ERAS Core Team



## INDUSTRY SPONSORED SESSION

**Thursday 24 May 2018**

**12.45 - 13.45**

**INDUSTRY SPONSORED SESSION - MEDTRONIC**

**Plenary B1&2**

From volume to value: Insights into value-based healthcare // *F. Ottinger* (FR)





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## COMPANY PROFILES

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Baxter International Inc. provides a broad portfolio of essential hospital and renal products, including home, acute and in-center dialysis; sterile IV solutions; infusion systems and devices; parenteral nutrition; biosurgery and anesthetics; and pharmacy automation, software and services. The company's global footprint and the critical nature of its products and services play a key role in expanding access to healthcare in emerging and developed countries. Baxter's employees worldwide are building upon the company's rich heritage of medical breakthroughs to advance the next generation of healthcare innovations that enable patient care.

### Encare AB

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**Country** Sweden  
**Email** [info@encare.net](mailto:info@encare.net)  
**Website** [www.encare.net](http://www.encare.net)

encare  
 Provider of ERAS®

Encare offers a solution for activation of ERAS® "best practice" guidelines in hospitals, resulting in significant healthcare cost savings and improved patient outcome. The company has established a worldwide user base by

- providing an interactive and web-based information system for evidence based - best practice management.
- providing training programs on the ERAS® Protocols.

The web based ERAS® Interactive Audit System, where data is registered, is interactive and offers immediate feedback of performance, which will generate significant and sustainable improvement of efficiency and quality of care as well as generate substantial health care savings.

### Enhanced Medical Nutrition (EMN)

Booth 4

**Address** 301A - 175 Longwood Rd S, Hanilton, Ontario,  
**Country** Canada  
**Email** [eric@enmednut.com](mailto:eric@enmednut.com)  
**Website** [www.enmednut.com](http://www.enmednut.com)  
**Twitter** [@enmednut](https://twitter.com/enmednut)



Enhanced Medical Nutrition ("EMN") is a university-based life sciences organization engaged in the development, distribution, and research of evidence-based clinical nutrition in the perioperative setting. EMN helps patients prepare better and recover faster from surgery. Initial product offerings include three evidence-based enteral formulas (drinks/ tube feeds) to combat pre-existing malnutrition, enhance immune function, and attenuate postoperative insulin resistance.





## COMPANY PROFILES

### ERAS<sup>®</sup> Swedish Chapter

Booth 9

**Address** Sankt Eriksgatan 117, 113 43 Stockholm  
**Country** Sweden  
**Email** folke.hammarqvist@ki.se  
**Website** www.sweras.se



SwERAS is the Swedish Chapter of the ERAS<sup>®</sup> 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.

### Fresenius Kabi Deutschland GmbH

Booth 1

**Address** Else-Kröner-Str. 1, 61352 Bad Homburg  
**Country** Germany  
**Email** daniela.herold@fresenius-kabi.com  
**Website** www.fresenius-kabi.com



Fresenius Kabi is a global healthcare company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company's products and services are used to help care for critically and chronically ill patients. Product portfolio: I.V. generic drugs, infusion therapies and clinical nutrition products as well as the medical devices for administering these products. Within transfusion technologies, Fresenius Kabi offers products for collection and processing of blood components and for therapeutic treatment of patient blood by apheresis systems. In the field of biosimilars, Fresenius Kabi develops products with a focus on oncology and autoimmune diseases.

### Getinge

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**Country** Germany  
**Email** aurore.giet-borel@getinge.com  
**Website** www.getinge.com



Getinge is a global provider of innovative solutions for operating rooms, intensive care units, sterilization departments and for life science companies and institutions. Based on our firsthand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving the everyday life for people - today and tomorrow.



## COMPANY PROFILES

### HALYARD HEALTH

Booth 7

**Address** Leonardo Da Vincilaan 1, 1930 Zaventem  
**Country** Belgium  
**Email** [customerservice.bnl@hyh.com](mailto:customerservice.bnl@hyh.com)  
**Website** [www.halyardhealth.co.uk](http://www.halyardhealth.co.uk)



Halyard Health is a medical technology company focused on eliminating pain and speeding recovery. Our clinically-superior solutions and remarkable service help to advance health and healthcare worldwide. As your partner in Non-Opioid Pain Management Solutions, we provide innovative solutions such as the ON-Q\* Pain Relief System for post-operative pain management. We are committed to providing therapies which deliver the best patient outcomes and enhance the physical and emotional well-being of those touched every day - [www.halyardhealth.co.uk](http://www.halyardhealth.co.uk).

Contact our Swedish partner Solann: [www.solann.se](http://www.solann.se).

### MEDTRONIC

Booth 5

**Address** c/o Covidien AG - Victor on Bruns Strasse 19,  
 Neuhausen am Rheinfall  
**Country** Switzerland  
**Website** [www.medtronic.com/value](http://www.medtronic.com/value)



Every day we are driven by the possibilities of what medical technology can do to improve people's lives — not only technology in devices, but also in processes and in healthcare systems around the world. Join us in our commitment to take healthcare Further, Together. Be inspired at [medtronic.com](http://medtronic.com).

### Nutricia Advanced Medical Nutrition

**Website** [www.nutricia.com](http://www.nutricia.com)



Nutricia Advanced Medical Nutrition is a specialised business of Danone, focused on pioneering nutritional discoveries that help people live healthier and longer lives. Nutricia aims to establish medical nutrition as an integral part of healthcare, expanding Danone's mission to bring health through food to as many people as possible.

Nutricia's extensive range of evidence-based nutrition products and services offer proven benefits and better patient outcomes. The company works with doctors and healthcare professionals in 40 countries to deliver better care and to lower the cost of care. Nutricia serves patients in hospitals, care home settings and in the community.

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

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### Pacira Pharmaceuticals, Inc.

**Address** 5 Sylvan Way, Suite 300, Parsippany, NJ 07054  
**Country** USA  
**Website** [www.pacira.com](http://www.pacira.com)



Pacira Pharmaceuticals, Inc. (NASDAQ:PCRX) is a specialty pharmaceutical company dedicated to advancing and improving postsurgical outcomes for acute care practitioners and their patients. The company's flagship product, EXPAREL® (bupivacaine liposome injectable suspension) was commercially launched in the United States in April 2012. EXPAREL utilizes DepoFoam®, a unique and proprietary product delivery technology that encapsulates drugs without altering their molecular structure, and releases them over a desired period of time. To learn more about Pacira, including the corporate mission to reduce overreliance on opioids, visit [www.pacira.com](http://www.pacira.com).

### Qualiteam s.r.l.

Booth 3

**Address** Loc. Nassio Sopra 15A  
**Country** Italy  
**Email** [info@qualiteam.com](mailto:info@qualiteam.com)  
**Website** [www.qualiteam.com](http://www.qualiteam.com)



Qualiteam designs innovative wound supports to reduce complications, advance postoperative recovery, improve patient comfort, and overall hospital experience. Our nurse-designed, clinically proven and patented products are made in Italy.

Supporting sore ribs, respiratory and abdominal muscles after surgeries with a firm purpose-designed elastic device is a non-opioid adjunctive method to decrease pain. Our products improve posture, and enhance respiration and deep breathing exercises. They also encourage activity, and to walk the recommended daily distances as prescribed in ERAS protocols.

[illegible]



## CONGRESS INFORMATION

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### BADGES

A name badge is provided on-site with your registration documents. Name badges must be visible and used at all times anywhere within the Congress area.

### CERTIFICATE OF ATTENDANCE

A certificate of attendance will be sent after the Congress by e-mail after having filled the participant survey.

### CONGRESS DOCUMENTS

The Congress documents should be collected on-site at the Registration Desk during opening hours, at the Clarion Sign Hotel in Stockholm.

### CONGRESS VENUE

#### **Clarion Sign Hotel**

Östra Järnvägsgatan 35  
101 26 Stockholm  
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

Wednesday 23 May 2018 .....	18.00 - 20.30
Thursday 24 May 2018 .....	08.00 - 17.00
Friday 25 May 2018 .....	08.00 - 14.00

### 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:

Wednesday 23 May 2018 .....	12.00 - 20.00
Thursday 24 May 2018 .....	07.30 - 18.30
Friday 25 May 2018 .....	08.00 - 16.30

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](http://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](http://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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