



1st World Congress on Enhanced Recovery After Surgery in Pediatrics

Scientific Program
November 30 – December 1, 2018

McGlothlin Medical Education Center
1200 East Marshall Street | Richmond, Virginia 23298
United States of America

ERAS[®] Society
  Pediatrics



Program Schedule

Friday, November 30

A.M.

7:00 **Registration and continental breakfast**

Session 1 – Welcome & plenary lectures

8:00 **Welcome and introduction**

*Peter Buckley, MD, Dean, School of Medicine,
Virginia Commonwealth University
Elias Neujahr, CEO, Children's Hospital of Richmond at VCU*

8:15 **Plenary 1: Role of ERAS in modern surgery**

Olle Ljungqvist, MD, PhD

8:50 **Plenary 2: ERAS in the world of pediatrics**

Martin Koyle, MD, FAAP, FACS, FRCS

Session 2 – Stress, metabolism & optimization prior to surgery

9:15 **Pathophysiology – surgical stress and metabolism**

Michael Scott, MB, ChB, FRCA, FRCP, FFICM

9:35 **Nutrition, carbohydrate loading and metabolism
(pre, peri and post op)**

Walter Chwals, MD, FACS, FAAP, FCCM

9:55 **Education, family preparation**

Speaker TBD

10:10 **Discussion**

10:40 **Refreshment break**

Session 3 – ERAS in surgical specialties

11:00 **Overview**

C.D. Anthony Herndon, MD

11:10 **Urology**

Duncan Wilcox, MD

11:30 **Scoliosis**
Wallis Muhly, MD

11:50 **Neonates**
Mary Brindle, MD, MPH, FRCSC

P.M.

12:10 **Discussion**

12:45 **Lunch**

Session 4 – ERAS analgesia: reducing stress, reducing opioids

1:30 **Overview – ERAS approach, analgesia, restoring function**
Michael Scott, MB, ChB, FRCA, FRCP, FFICM

1:40 **Optimal dosing of acetaminophen and NSAIDS**
James Dore, MD

1:55 **Adjuncts – dexmedetomidine, lidocaine and ketamine**
Jessica George, MD

2:10 **Neuroaxial and caudal**
David DeBeer, MD

2:25 **Blocks, catheters and ultrasound**
Andrew Franklin, MD, MBA

2:40 **Discussion**

3:00 **Refreshment break**

Session 5 – Quality & ERAS implementation

3:30 **Overview – ERAS implementation, a no brainer for health care?**
Robin Hemphill, MD

3:55 **A QI implementation perspective**
Paula Spencer

4:10 **Intraoperative standardization in surgery – Kata Methodology**
Paul Merguerian, MD

4:35 **Discussion**

5:00 – 6:30 Reception

Saturday, December 1

A.M.

7:00 **Registration and continental breakfast**

Session 6 – Anesthesia fluids and blood management

8:00 **Overview – ERAS approach to fluids and hemodynamics**
Michael Scott, MB, ChB, FRCA, FRCP, FFICM

8:15 **Blood management**
Sergio Navarette, DO

8:30 **Which IV fluid and how much?**
Ben Rothstein, MD

8:45 **Brain health in surgery**
Lena Sun, MD

9:10 **Discussion**

9:40 **Refreshment break**

Session 7 – Global surgery and the role of ERAS

9:50 **Global health and pediatric surgery**
Kelly McQueen, MD, MPH

10:10 **Lifebox – Pulse oximetry saves lives**
Michael Scott, MB, ChB, FRCA, FRCP, FFICM

10:20 **Experience in Africa**
Suddha Jayaraman, MD

10:40 **Mobile surgery – Experience in South America**
Edgar Rodas, MD

11:00 **World Pediatric Project – Experience in the Caribbean**
David Lanning, MD

11:20 **Discussion**

11:50 **Closing remarks**
C.D. Anthony Herndon, MD
Michael Scott, MB, ChB, FRCA, FRCP, FFICM

Speaker List

Featured speaker

Olle Ljungqvist, MD, PhD



Olle Ljungqvist, MD, PhD received his medical degree and obtained his PhD on glucose metabolism in hemorrhage at the Karolinska Institutet in Sweden. He completed his residency and held several clinical positions in gastrointestinal surgery at the Karolinska Hospital and was appointed Professor of Surgery Nutrition and Metabolism in 2005 at the Karolinska Institutet. He chaired the Center for Gastrointestinal Disease at Ersta hospital 1999-2008, Stockholm before

taking up his current position as Professor of Surgery at Orebro University, Sweden in 2009.

Dr. Ljungqvist has served as Chair of the European Society for Clinical Nutrition (ESPEN), the International Association for Surgical Metabolism and Nutrition (IASMEN) as part of the International Surgical Society. He co-founded the Enhanced Recovery After Surgery (ERAS) Society in 2010. He proposed the use of preoperative carbohydrates instead of overnight fasting for elective surgery and has been active in research in surgical stress, metabolism and nutrition and outcomes focusing on ERAS publishing more than 200 original contributions and reviews.

Organizers

C.D. Anthony Herndon, MD

Professor and Chief of Urology, Co-surgeon-in-chief
Children's Hospital of Richmond at VCU
Richmond, Virginia

Michael Scott, MB, ChB, FRCA, FRCP, FFICM

Professor in Anesthesiology
Children's Hospital of Richmond at VCU
Richmond, Virginia

Worldwide faculty

Mary Brindle, MD, MPH, FRCSC

Division Chief, Urology
Director EQUIS (Efficiency Quality Innovation Safety) Research Platform
Associate Department Head, Surgery, University of Calgary
Associate Professor, Surgery
University of Calgary Alberta Children's Hospital
Calgary, Canada

Walter J. Chwals, MD, FACS, FAAP, FCCM

Chief of Pediatric Surgery, Pediatric Surgeon-in-Chief
Director, Kiwanis Pediatric Trauma Institute
Professor, Tufts University School of Medicine
Medford, Massachusetts

David DeBeer, MD

Consultant in Pediatric Anesthesia
Great Ormond Street Hospital for Sick Children
London, UK

Andrew Franklin, MD, MBA

Assistant Professor of Anesthesiology
Director, Pediatric Pain Management Services
Division of Pediatric Anesthesiology
Vanderbilt University Medical Center
Nashville, Tennessee

Jessica George, MD

Associate Professor in Anesthesiology
Johns Hopkins
Baltimore, Maryland

Martin Koyle, MD, FAAP, FACS, FRCS

President of the ERAS Society
Professor of Surgery, University of Toronto
Head of Division of Urology, The Hospital for Sick Children
Toronto Canada

Olle Ljungqvist, MD, PhD

President of the ERAS Society
Professor of Surgery, Department of Surgery
Örebro University Hospital
Örebro, Sweden

Kelly McQueen, MD, MPH

Professor in Anesthesiology
Director, Vanderbilt Anesthesia Global Health & Development
Vanderbilt University Medical Center
Nashville, Tennessee

Paul Merguerian, MD

Division Chief, Urology
The Dr. Michael Mitchell Endowed Chair in Pediatric Urology
University of Washington
Seattle, Washington

Wallis Muhly, MD

Assistant Professor of Anesthesiology and Critical Care
Children's Hospital of Philadelphia
Perelman School of Medicine at the University of Pennsylvania
Philadelphia, Pennsylvania

Lena Sun, MD

Emanuel M. Papper Professor of Anesthesiology and Pediatrics
Columbia University Medical Center
New York, New York

Duncan Wilcox, MD

Professor of Urological Surgery
University of Colorado School of Medicine
Denver, Colorado

Virginia Commonwealth University Health System Faculty

James Dore, MD

Assistant Professor in Anesthesiology
Children's Hospital of Richmond at VCU

Robin Hemphill, MD

Chief Safety and Quality Officer, VCU Health System

Sudha Jayaraman, MD

Associate Professor, Acute Care Surgery

David Lanning, MD

Professor in Pediatric Surgery, Co-surgeon-in-chief
Children's Hospital of Richmond at VCU

Sergio Navarette, DO

Chief Resident, Department of Anesthesiology

Edgar Rodas, MD

Associate Professor, Acute Care Surgery

Ben Rothstein, MD

Resident, General Surgery

Paula Spencer, MSHA

Director, RAM Quality Improvement

Program Details

Registration

Register online at: vcu.cloud-cme.com/pedsERAS

Cost

\$375 Physician

\$325 VCU physician

\$300 Nurse/health professional

\$250 VCU nurse/health professional

Accommodations

Hilton Richmond Downtown

501 East Broad Street
Richmond, Virginia 23219

VCU conference rate:

\$169/night

The Jefferson Hotel

101 West Franklin Street
Richmond, Virginia 23220

VCU conference rate:

\$189 Thursday, \$259 Friday

Course description

This inaugural event will bring together experts in surgery, anesthesia and medicine to discuss the pediatric-specific implications of developing an enhanced recovery after surgery program. A full one and a half days are devoted to lectures and discussions related to current pediatric ERAS programs and will provide a platform for collaboration on future projects related to ERAS outcomes around the world.

Course objectives

- Review the principles of enhanced recovery after surgery (ERAS).
- Compare the differing principles of ERAS in adult and pediatric populations.
- Summarize recent developments of surgical subspecialties.

Accreditation and credit

VCU Health Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

VCU Health Continuing Medical Education designates this live activity for a maximum of 11 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation.

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