2ND WORLD CONGRESS ON
SURGICAL TRAINING
SurgiCON
JUNE 17-19, 2013, GOTHENBURG, SWEDEN

OPENING: DR MARIE WEDIN, CHAIRMAN OF THE SWEDISH MEDICAL ASSOCIATION
HONORARY GUEST LECTURE: PR CARLOS A. PELLEGRINI, WA, USA

Main topics
1. Quality and Safety in Surgical Training
2. Metrics to Make a Surgeon
3. The Value of Scientific Research in Surgical Training
4. Surgical Training in Evolving Countries
5. Update on Simulation
6. Social Media and E-learning in Surgical Training
7. ‘Rules & Roles’: Surgeons and the Device Industry
8. Teaching New Surgical Techniques to Mature Surgeons
9. The Surgical Resident’s Dream
10. The Governance required for Surgical Training Programs

Keynote speakers
1. Quality and Safety in Surgical Training
   Ajit K. Sachdeva, ACS, ILL, USA
2. Metrics to Make a Surgeon
   Anthony G. Gallagher, Ireland
3. The Value of Scientific Research in Surgical Training
   Richard Hanney RACS, Australia
4. Surgical Training in Evolving Countries
   Leon Snyman, Pretoria, South Africa
5. Update on Simulation
   Richard M Satava, WA, USA
6. Social Media and E-learning in Surgical Training
   Sean Tierney RCSI, Ireland
7. ‘Rules & Roles’: Surgeons and the Device Industry
   Kai Olms, Germany
8. Teaching New Surgical Techniques to Mature Surgeons
   Barbara L Bass, TX, USA
9. The Surgical Resident’s Dream
   Richard Reznick, Ontario, Canada
10. The Governance required for Surgical Training Programs
    Spencer Beasley RACS, New Zealand

Distinguished speakers:

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<tr>
<th>Patricia J. Numann, NY USA</th>
<th>Guy Maddern, Adelaide, Australia</th>
<th>Christian Rifbjerg-Larsen, Denmark</th>
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<tbody>
<tr>
<td>Carlos A. Pellegrini, WA, USA</td>
<td>Maxim Gorshkov, Moscow, Russia</td>
<td>Jeanett Strandbygaard, Denmark</td>
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<td>Ajit K. Sachdeva, ILL, USA</td>
<td>O James Garden, Edinburgh, Scotland</td>
<td>Sarah Andvik, Sydney, Australia</td>
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<td>Anthony G. Gallagher, Ireland</td>
<td>Cem Terzi, Turkey</td>
<td>Sean Tierney, Ireland</td>
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<td>Shekhar Kumta, Hong Kong University, China</td>
<td>Denise Pedulla, MA, USA</td>
<td>Oscar Traynor, Ireland</td>
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<td>Richard M. Satava, WA, USA</td>
<td>Dana K. Andersen, ML, USA</td>
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<td>Richard L. Angelo, AANA, WA, USA</td>
<td>Brian Dunkin, TX, USA</td>
<td>Göran Sternstedt, SKL, Sweden</td>
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<td>Richard Reznick, Ontario, Canada</td>
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<td>Spencer Beasley, Christchurch, New Zealand</td>
<td>Stephen Ogendo, Kenya, Africa</td>
<td>Anders Hytlander, Sweden</td>
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<td>Philip J Crowe, Sydney, Australia</td>
<td>Nyengo Mkandawire, Malawi, Africa</td>
<td>Karsten Offenbartl, Sweden</td>
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<td>Tristan Yan, Sydney, Australia</td>
<td>Sudhir Warrier, Mumbai, India</td>
<td>Javeria Qureshi, NC, USA</td>
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<td>Andrew G. Hill, Auckland, New Zealand</td>
<td>Andrew S Wright, WA, USA</td>
<td>Matay Tunc, Germany</td>
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<td>Richard Hanney, Sydney, Australia</td>
<td>James E. Barone, CT, USA</td>
<td>Ninos Oussi, Sweden</td>
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<td>Wendy Crebbin, Melbourne, Australia</td>
<td>Ara Sarkissian, Karl Storz GmbH &amp; Co. KG</td>
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Monday June 17, 2013

07:00 - 08:00  Registration, Coffee  Dr Marie Wedin, Chairman of the Swedish Medical Association
08:00 - 08.15  Welcome  The Surgicon Organisation  Dr Margareta Berg, Congress organizer

08.20 - 08.40  Honorary Guest Lecture  “Developing Leadership Traits Among Surgeons”  Pr Carlos A Pellegrini, WA, USA

08.45 - 10.15  1 Session: Quality and Safety in Surgical Training  Chair: Dr Ajit Sachdeva, Ill, USA
   Keynote lecture: “Training to Improve Quality and Safety in Surgery: Advances; Challenges; and Opportunities”  Dr Ajit Sachdeva, Chicago, Ill USA
   1 “The University of Washington CVC experience: Enhancing patient safety through education”  Dr Andrew S Wright, WA, USA
   2 “Improving patient safety through a structured simulation-based education program”  Pr Oscar Traynor Ireland
   3 “Surgical: Skills, Technology and Evidence”.  Pr Guy Maddern Adelaide, Australia
Panel and Audience debate

10.15 - 10.45  Exhibition, Posters & Coffee

10.45 - 12.10  2 Session: ‘Metrics’ for making a surgeon  Chair: Pr Tony Gallagher, Ireland
   Keynote lecture: “The Imperative on Metrics in Assessment and Surgical Training”  Pr Tony Gallagher, Cork, Ireland
   1 “Validation of metric based training and assessment in a national surgical training program”  Pr Spencer Beasley
   2 “The use of simulation methods for certification and credentialing – Where are we?”  Dr Dana Andersen
   3 To be completed

12.10 - 12.30  Free paper  Panel and Audience debate
   Dr Zaid Awad et al., Imperial College, UK

12.30 - 13.30  Exhibition & Buffet Lunch

13.30 - 15.00  3 Session: The Value of Academic Research in Surgical Training  Chair: Dr Richard Hanney, AUS
   Keynote lecture: “We never stop training, so research fits in - how?”  Dr Richard Hanney, Sydney, AUS
   1 “The value of scientific achievement by medical students committed to surgical training”  Miss Sarah Andvik Sydney, AUS
   2 “Academic Research - Where are we going to start?”  Ass. Pr. Tristan Yan, Sydney, AUS
   3 “Mentoring residents undertaking research surgical training – approaches and outcomes”  Pr Andrew Hill, Auckland, NZ
   4 “So I’m a surgeon-scientist - what now?”  Pr Phil Crowe, Sydney, Australia
   5 “Why surgeons should expand their research training to receive a PhD”  Pr Peter Naredi, Gothenburg, Sweden
Panel and Audience debate

15.00 - 15.30  Exhibition, Posters & Coffee

15.30 - 17.00  4 Session: Surgical Training in Evolving Countries  Chair: Pr Leon Snyman, South Africa
   Keynote lecture: “Challenges of and opportunities for Surgical Training in Evolving Countries”  Pr Shekhar Kumtha, Hong Kong
   1 “Surgical Skills training in India - A Paradox”  Dr Sudhir Warrier, Mumbai, India
   2 “Surgical Education: collaboration between low and high income countries”  Dr Nyengo Mkandawire, Malawi, Africa
   3 “Laparoscopic Surgery in Evolving countries”  Pr Leon Snyman, South Africa
   4 “Surgical training in the East Central and Southern Africa region”  Pr Stephen Ogendo, Kenya, Africa
Panel and Audience debate

20.00  Sharp
Gala Dinner
## 5 Session: Update on Simulation

**Chair:** Dr Richard L Angelo, WA, USA  

**Keynote lecture:** “Full Life-Cycle Curriculum Development: Breaking Down the Silos.”  

1. “Simulation-Based Training: More Than Experience and Mere Repetition.”  
   - Pr Richard M Satava, WA, USA  
2. “A New Mandate for Simulation-Based Orthopaedic Surgery Skills Training in the United States: Moving From Concept to Implementation”  
   - Dr Robert A Pedowitz, CA, USA  
   - Dr Christian Ritjberg-Larsen, DK  
   - Dr Jeanett Strandbygaard, DK  
4. “Classification of the Endosurgical Simulation Devices. Triplicating the Cost of Equipment Associated with its Upgrade to the Next Fidelity Level. Virtual Simulation - Better for Beginners or Advanced Trainees?”  
   - Dr Maxim Gorshkov, Moscow, Russia  
5. “The AANA Copernicus Initiative: Designing a Metrics-Based Surgical Skills Training Program for Proficiency from First Principles”  
   - Dr Richard L Angelo, WA, USA

**Panel & Audience debate**

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## 6 Session: Social Media & E-learning

**Chair:** Pr Sean Tierney  

**Keynote lecture:** “Teaching Clinical Judgement with Simulation”  

1. “Learning technology & surgical education - where do we go from here?”  
   - Pr Sean Tierney, Ireland  
2. “E-learning and learning technology in surgical education - where do they fit in into a sub-Saharan curriculum?”  
   - Dr Nyengo Mkandawire, Malawi, Africa  
3. “Social media and surgical education”  
   - Dr Jame E Barone, “The Skeptical Scalpel”, CT, USA  

**Panel and Audience debate**

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## 7 Session: Rules and Roles - Collaboration between Surgeons and the Industry in Surgical Training?

**Chair:** Dr Kai Olms  

**Keynote lecture:** “Our corporate support in training; emphasis on sub-Saharan Africa”  

1. “Our corporate support in training; emphasis on sub-Saharan Africa”  
   - Mr Ara Sarkissian, KarlStorz GmbH  
2. “Educating in collaboration with the industry.”  
   - Dr Kai Olms  
3. “The Surgical - Industrial interface. What are the issues?”  
   - Dr Anders Hyltander  
4. “Ethical Interactions and Compliance Best Practices”  
   - Mrs Denise Pedulla, Principal, Berkeley Research Group, USA  

**Panel & Audience debate**

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## 8 Session: Teaching New Surgical Techniques to Mature Surgeons

**Chair:** Barbara Lee Bass, TX, USA  

**Keynote lecture:** “Building the Infrastructure for Surgeon Retooling: Facilities, Faculty, and Policy”  

1. “Retooling the surgeon in the UK - is it possible?”  
   - Pr O James Garden, Scotland  
2. “Electronic/webbased distance learning program for surgeons in practice: The Virtual Academy of Turkish Surgical Association.”  
   - Pr Cem Terzi, Turkey  
3. “Optimizing Training for Procedural and Technology Adoption: The essential elements and processes.”  
   - Dr Brian Dunkin, TX, USA  
   - Dr Karsten Offenbartl, Sweden  

**Panel & Audience debate**
2nd World Congress on Surgical Training
Preliminary Program March 2013

Wednesday June 19, 2013

08.30 - 10.00  9. Session: The Resident’s Dream Scenario
Keynote lecture: “The Next Step: Beyond Competency Based Education.”
1 “Training the Global Surgeon”
2 “Training general surgeons vs sub-specialty training”
3 “Surgical training in the future - a compilation for 2050”
Chair: Dr Ninos Oussi, Sweden
Pr Richard Reznick, Ontario, Canada
Dr Javeria Qureshi, NC, USA
Dr Matay Tunc, Germany
Dr Ninos Oussi, Sweden

10.00 - 10.30
Free paper: “Fast-track training reduces operative time in Lichtenstein hernia repair”
Chair: Dr Charlotte Green-Carlsen et al., Aarhus University, Denmark

10.30 - 11.00
Exhibition, Posters & Coffee

11.00 - 12.30  10. Session: The Governance required to provide effective and consistent surgical training programs.
Keynote lecture: "Consistent standards across training boards and across countries"
Free paper
1 “One World: A Single Certification Standard for Surgeons?”
2 “Progressive training standards as a safety net for supervisors and trainees.”
3 “Surgical training in a national patient safety perspective”
Chair: Pr Spencer Beasley, NZ
Pr Spencer Beasley, NZ
Dr CJ Hopmans et al., NL
Pr Richard Reznick, Ontario, Canada
Dr Wendy Crebbin, Australia
Dr Göran Stiernstedt, SKL, Sweden
(SKL represents the governmental & professional interests of Sweden’s municipalities and county councils)

12.30 - 13.00
Final discussion, Conclusions, Agreements & Congress Evaluation
Next Congress
Closure

13.00
Exhibition & Lunch

Organisation

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<th>Scientific Advisory Board</th>
<th>Local Scientific Committee, Sahlgrenska University Hospital and Academy</th>
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<tr>
<td>Dr James C. Esch, CA, USA</td>
<td>Pr Hans Lönroth, SU</td>
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