32nd SSAI Congress
IN TURKU FINLAND
26–29 AUGUST 2013
FINAL PROGRAMME

congress.utu.fi/ssai2013
Map of LOGOMO........................................................................................................................................ 2
Contents .......................................................................................................................................................... 3
Welcome...................................................................................................................................................... 4
SSAI 2013 Congress Organizing Committee .............................................................................................. 5
General Information Including Social Programme ....................................................................................... 7
Bus Schedules (Buses No. 20 and 61) ......................................................................................................... 13
Guidelines for Presenters ............................................................................................................................. 14
List of Sponsors .......................................................................................................................................... 15
Opening Ceremony and Get-together Party ................................................................................................ 16
Acta Lecture ................................................................................................................................................. 17
Laerdal Lecture ............................................................................................................................................ 17
Closing Ceremony ......................................................................................................................................... 17
Programme Overview .................................................................................................................................... 18
Programme Structure .................................................................................................................................... 26
Scientific Programme Monday 26 Aug 2013 .............................................................................................. 31
Scientific Programme Tuesday 27 Aug 2013 ............................................................................................... 47
  Founding Meeting of the Network for Scandinavian Neuroanaesthesiologists,..................................  62
Scientific Programme Wednesday 28 Aug 2013 ....................................................................................... 63
Scientific Programme Thursday 29 Aug 2013 ........................................................................................... 81
Index of Presenters .................................................................................................................................... 86
Map of Turku .............................................................................................................................................. 91
Welcome

Dear Colleagues and Friends!

The Organising Committee of the 32nd Scandinavian Congress of Anaesthesiology and Intensive Care Medicine (SSAI 2013) is pleased to welcome you to Turku. To the Finnish delegates, the congress will also replace the Annual Meeting of the Finnish Society of Anaesthesiologists.

Being the oldest university town and the former capital of Finland gives Turku an excellent opportunity to host the 32nd Congress of the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. For centuries the city of Turku has been a gateway between Finland and rest of Europe - a gateway through which knowledge, culture and modern ideas have spread throughout the country and to other countries.

The Congress is the main event of the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. More than 100 international experts will present up-to-date educational topics and latest scientific progress. Although the theme of the SSAI 2013 Congress is “Focusing on the brain”, with 31 symposia, 8 special lectures, 12 poster, 18 simulation and 18 hands-on sessions, SSAI 2013 will cover the whole field of anaesthesia, intensive care, emergency care and pain medicine and related areas of nursing. The scientific programme will culminate in the plenary symposium “Exploring the Mystery of General Anaesthesia and Consciousness” where many fundamental questions related to our speciality are answered and discussed by world-leading scientists.

Many prizes will be awarded during the Congress. The honour to give the Acta lecture will be awarded to Professor Lars Eriksson from Karolinska Institutet, Stockholm, Sweden. The Acta lecture has been scheduled to take place on Tuesday 27 August. The Laerdal prize will be awarded to Professor David Menon from the University of Cambridge, United Kingdom. His lecture is scheduled on Wednesday 28 August. Best posters of the Acta poster prize competition will be awarded during the Closing Ceremony.

Numerous companies involved in our speciality have contributed to the Congress. The Organising Committee is grateful for their input. The industrial exhibition provides an excellent opportunity for demonstrations and discussions of products and an update on recent and future technological developments within our field.

The Organising Committee wishes to express its gratitude to all those who have contributed to the success of the Congress.

Enjoy Turku, its museums, the castle, the cathedral, other historical buildings, archipelago and most of all, enjoy SSAI 2013 Congress!

On behalf of the SSAI 2013 Congress Organising Committee,

Professor Klaus Olkkola
Congress President
SSAI 2013 CONGRESS ORGANIZING COMMITTEE

Aaltonen Janne
Aantaa Riku, treasurer
Alahuhta Seppo
Antila Heikki
Castrén Maaret
Haasio Juhani, exhibition manager
Hagelberg Nora
Hoppu Sanna
Illman Hanna
Jalonen Jouko, vice-president
Kallioinen Minna
Katila Ari
Kuusniemi Kristiina
Lehtonen Liisa
Maksimow Anu
Manner Tuula
Niemi-Murola Leila
Nieminen Tuija
Olkkola Klaus, president
Paasio Laura
Pettilä Ville
Rautakorpi Pirkka
Rätsep Indrek
Salanterä Sanna
Scheinin Harry
Taittonen Markku
Takala Riikka, secretary general
Tommila Miretta
Valtonen Mika
Varpula Tero
Vänttinen Olli
And what is your idea?

Configure your anaesthesia workstation – on www.draeger.com/myperseus

Dräger Perseus® A500. Pure possibilities.

“My idea: Design that works.”

Please visit us at SSAI 2013, Booth No. 30
Congress venue
The congress venue Logomo is located within a walking distance from the city centre, street address Köydenpunonjankatu 14, close to Turku main railway station and the bus station. A pedestrian bridge by the railway station allows you to reach Logomo in just 5 minutes. From the city centre Market Square, it takes approximately 15 minutes to walk to Logomo. Bus numbers 20 (direction Muhkuri) and 61 (direction Vienola) from the Market square go to Logomo. Tickets can be bought from the driver, single ticket à 2.50 euros. You can also purchase a tourist bus ticket for a longer period of time from the Turku Public Transport Service Office (address Aurakatu 5) or from Turku Touring Tourist Information (address Aurakatu 4, for more information see below).

Registration on-site
On Sunday, 25 August, registration will be open at 15:00–20:00 at Hotel Radisson Blu Marina Palace, address Linnankatu 32, Turku.
At the congress venue Logomo, the Congress Office will be open for registration and information as follows:
Monday 26 August at 08:30–19:30
Tuesday 27 August at 08:00–18:30
Wednesday 28 August at 08:00–17:15
Thursday 29 August at 08:00–13:15
During the congress, the telephone number of the Congress Office is +358 40 565 6716.

Internet access
Username: logomopublic
Password: loGOMo2012

Lunch and coffee
Buffet lunch and coffee servings are included in the registration fees. Lunch and coffee are served during the congress (26–29 August) in the exhibition area according to the congress programme.

Badges
Your name badge is your ticket to lecture rooms, lunch and coffee servings. Please wear your badge throughout the congress.

Money exchange
You can exchange foreign currency and traveller’s cheques either in banks or in Forex (currency exchange company, address: Eerikinkatu 13, within a stone’s throw of the Market Square). Banks are open from 10:00 to 16:30 on weekdays and closed on Saturdays and Sundays. There are numerous cash machines open around the clock and accepting all major credit cards. Major credit cards, in particular Visa, Eurocard and Mastercard are widely accepted almost everywhere (in hotels, restaurants, shops, taxis, cafeterias, bars, etc.).
Achieve faster, more accurate needle and central line placement. Mermaid Medical A/S offers an array of CIVCO needle guidance systems for many ultrasound transducers to keep you on target during ultrasound-guided puncture procedures, specifically for Vascular and Anesthesia. Mermaid Medical A/S also offers a large range of CIVCO latex-free CIV-Flex™ transducer covers.

Hit your target today

Visit Mermaid Medical’s booth at SSAI 2013 to get a demonstration how needle guides work and test it yourself.

www.mermaidmedical.com
Smoking
Please note that smoking is prohibited inside public buildings.

Taxi
At the congress venue you can ask the Congress Office to call you a taxi. The telephone number for taxi is +358 2 10041. There are several taxi stands in the city centre, one on the market square. For a taxi ride from Turku Airport to the city centre you may expect a fare between 25–35 euros. After 20:00 there is a small additional charge.

Turku airport
Turku airport is situated 8 km north of Turku city centre. Bus No. 1 departs from the marketplace to the airport approximately every 20 minutes.

Tourist information
Turku Touring Tourist Information is open Mon-Fri 08:30–18:00 and Sat-Sun 09:00–16:00, address Aurakatu 4, 20100 Turku, tel. +358 2 262 7444.

CONGRESS HOTELS

Centro Hotel
+358 2 211 8100
Yliopistonkatu 12a, 20100 Turku
Email: centro@centrohotel.com

Holiday Inn Turku
Tel. +358 2 338 211
Eerikinkatu 28, 20100 Turku
Email: turku.holidayinn@restel.fi

Scandic Hotel Plaza
Tel. +358 2 33 200
Yliopistonkatu 29, 20100 Turku
Email: plaza.turku@scandichotels.com

Scandic Hotel Julia
Tel. +358 2 336 000
Eerikinkatu 4, 20100 Turku
Email: julia@scandichotels.com

Sokos Hotel Hamburger Börs and Sokos Hotel City Börs
Tel. +358 2 337 381
Kauppiaskatu 6, 20100 Turku
Email: hamburgerbors.turku@sokoshotels.fi

Radisson Blu Marina Palace
Tel. +358 20 123 4710
Linnankatu 32, 20100 Turku
Email: info.turku@radissonblu.com
SOCIAL PROGRAMME
Note! In case you have not yet registered for social events but wish to take part, please contact the Congress Office for possible vacancies.

Get-together Party in the Exhibition Area
Monday, 26 August 2013 at 18:00-19:30, starting right after the Opening Ceremony
Free of charge
A classic cocktail party with old and new friends, together with the exhibitors at the congress venue Logomo, starting right after the Opening Ceremony.

Morning Run
Tuesday, 27 August 2013 at 06:30-08:00
Free of charge
A lovely way to start a day is by running along the banks of Aurajoki river with good friends. Routes of different lengths (4 km, 5 km, 6 km) will be set up so that everyone finds a suitable one, and each participant can choose whether to walk, jog or run. The event ends at Paavo Nurmi Stadium. Light refreshments included. Free of charge, but please pre-register.

Evening Cruise at Airisto
Tuesday, 27 August 2013 at 19:00/19:15-23:00/23:15
M/S Rudolfina leaves at 19:00 and M/S Lily at 19:15
Price: 50 euros
On the dinner cruise on M/S Rudolfina or M/S Lily you can see old riverboats, the castle and the charming villas of Ruissalo and admire the beautiful Turku Archipelago. Dinner will be served during the cruise. Cruise and dinner buffet are included in the price. Pre-registration is required.

Museum Tour at Luostarinmäki Handicrafts Museum
Tuesday, 27 August 2013 at 19:00-20:00
Price: 20 euros
Luostarinmäki is an entire museum village dating from the 1700’s and 1800’s. During the Great Fire of 1827 Turku suffered enormous damage, but Luostarinmäki, located at the edge of the city, was spared from the flames. Today, the unique village milieu has not only been saved from fire but also protected from development. Visitors can travel in time to the 1800’s and see what life was like for common people. In addition to the authentic environment, the museum presents crafts of the pre-industrial era. Price includes a guided tour and coffee. Pre-registration is required.
Casual Dinner Party at the Brewery Restaurant Koulu
Wednesday, 28 August 2013 at 19:00-24:00

Price 40 euros
Meet your new congress friends and old colleagues, taste various delicacies of the Baltic Sea – Mediterranean axis and take a sip of unique beers brewed in this old school building that has been transformed into one of the most innovative restaurants in the city (good wine available as well). Some special surprise programme is promised as well as great music, dancing and partying. Price includes light buffet dinner and beverages. Pre-registration is required.

MUSEUM DISCOUNTS
The City of Turku offers the participants of the 32nd SSAI Congress a museum visit in Turku at a discount of 25%. The discount is valid in the following museums:

Turku Castle
Wäinö Aaltonen Museum of Art
Luostarinmäki Handicrafts Museum
Pharmacy Museum and the Qwensel House
Turku Biological Museum
Kylämäki Village of Living History

Please check the opening hours at www.turunmuseokeskus.fi.

You will get the discount by presenting the code “Museo081310” at the ticket office when purchasing the ticket. The code is valid on 25–30 August 2013.

CONGRESS OFFICE
20014 University of Turku
Tel. +358 2 333 6342 or +358 40 565 6716
Email congress-office@utu.fi
http://congress.utu.fi/index_eng.php
Leading the way in visualisation

Ambu® aView™
• High solution image
• Portable touch-screen monitor
• Intuitive user interface
• Photo and video documentation possible
• Easy file transfer by USB
• Minimum 3 hours batterytime.

NEW

Ambu® aScope™ 3 / 3 Slim
• Insertion cord diameter 5.0mm / 3.8mm
• Working/suction channel 2.2mm / 1.2mm
• Tip bending angle 150/130 / 130/130

aScope 3 / 3 slim is suitable for procedures such as: Intubation, BAL, BW, placement and control of DLT, Aintree-katheter, PDT and more.
No risk of cross contamination.
aView is portable and easy to set up - on a table as well as on an IV pole.
When turned on the image appears in just a few seconds.

Ambu A/S
Baltorpbakken 13
DK - 2750 Ballerup
Denmark
Tel. +45 7225 2000
Fax +45 7225 2053
www.ambu.com

www.ambu.com/visualisation
BUS SCHEDULES BETWEEN LOGOMO AND MARKET SQUARE
(‘KAUPPATORI’)

Bus numbers 20 (direction Muhkuri) and 61 (direction Vienola) from the Market Square go to Logomo. Tickets can be bought from the driver, single ticket à 2.50 euros. You can also purchase a tourist bus ticket for a longer period of time from the Turku Public Transport Service Office, address Aurakatu 5, or from Turku Touring Tourist Information, address Aurakatu 4. The travel time by bus between Logomo and Market Square is approximately 10 minutes depending on the traffic. The times of departure below are estimates and may vary slightly.

Departure times from Market Square to Logomo
Bus line 20
Bus stop T41 on Market Square

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>02 20</td>
</tr>
<tr>
<td>8</td>
<td>15 45</td>
</tr>
<tr>
<td>9</td>
<td>20 55</td>
</tr>
<tr>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>11</td>
<td>05 40</td>
</tr>
<tr>
<td>12</td>
<td>15 50</td>
</tr>
<tr>
<td>13</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>00 35</td>
</tr>
<tr>
<td>15</td>
<td>10 45</td>
</tr>
<tr>
<td>16</td>
<td>20 55</td>
</tr>
<tr>
<td>17</td>
<td>30</td>
</tr>
<tr>
<td>18</td>
<td>05 40</td>
</tr>
<tr>
<td>19</td>
<td>45</td>
</tr>
<tr>
<td>20</td>
<td>45</td>
</tr>
</tbody>
</table>

Departure times from Market Square to Logomo
Bus line 61
Bus stop T37 on Market Square

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>10 40</td>
</tr>
<tr>
<td>8</td>
<td>10 40</td>
</tr>
<tr>
<td>9</td>
<td>10 40</td>
</tr>
<tr>
<td>10</td>
<td>10 40</td>
</tr>
<tr>
<td>11</td>
<td>10 40</td>
</tr>
<tr>
<td>12</td>
<td>10 40</td>
</tr>
<tr>
<td>13</td>
<td>10 40</td>
</tr>
<tr>
<td>14</td>
<td>10 40</td>
</tr>
<tr>
<td>15</td>
<td>10 40</td>
</tr>
<tr>
<td>16</td>
<td>10 40</td>
</tr>
<tr>
<td>17</td>
<td>10 40</td>
</tr>
<tr>
<td>18</td>
<td>10 45</td>
</tr>
<tr>
<td>19</td>
<td>15 45</td>
</tr>
<tr>
<td>20</td>
<td>15 45</td>
</tr>
</tbody>
</table>

Departure times from Logomo to Market Square (‘Kauppatori’)
Bus stop 1017, bus lines 20 and 61

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>19 34 49 54</td>
</tr>
<tr>
<td>8</td>
<td>19 44 49</td>
</tr>
<tr>
<td>9</td>
<td>19 19 49 54</td>
</tr>
<tr>
<td>10</td>
<td>17 28 47</td>
</tr>
<tr>
<td>11</td>
<td>03 17 38 47</td>
</tr>
<tr>
<td>12</td>
<td>13 17 47 48</td>
</tr>
<tr>
<td>13</td>
<td>17 23 47 58</td>
</tr>
<tr>
<td>14</td>
<td>18 34 48</td>
</tr>
<tr>
<td>15</td>
<td>09 18 44 48</td>
</tr>
<tr>
<td>16</td>
<td>18 19 48 54</td>
</tr>
<tr>
<td>17</td>
<td>18 29 48</td>
</tr>
<tr>
<td>18</td>
<td>04 16 38 46</td>
</tr>
<tr>
<td>19</td>
<td>13 21 51</td>
</tr>
<tr>
<td>20</td>
<td>13 21 51</td>
</tr>
</tbody>
</table>
GUIDELINES FOR INVITED LECTURES

Kindly bring your presentation in PowerPoint (ppt) format on a USB stick to the lecture room where your presentation takes place for downloading it on the computer, at the latest on the lunch or coffee break before your session. There will be AV assistants in all lecture rooms to help you with downloading.

In case you intend to use your own computer, please check well before your session that the computer functions with the equipment in the lecture room. Also, bring your presentation on a USB stick as a backup.

GUIDELINES FOR ACTA BEST ABSTRACTS PRIZE COMPETITION PRESENTATIONS

The Acta Best Abstracts Prize Competition will be held on Wednesday 28 August at 10:30-12:00 in lecture room MOVE 1.

Each competitor in the Prize Competition will be allocated a time slot of 12 min for an extended oral presentation followed by 3 min for discussion.

Kindly bring your presentation in PowerPoint (ppt) format on a USB stick to the lecture room, where your presentation takes place, for downloading it on the computer, at the latest on the lunch or coffee break before your session. There will be AV assistants in all lecture rooms to help you with downloading.

In case you intend to use your own computer, please check well before your session that the computer functions with the equipment in the lecture room. Also, bring your presentation on a USB stick as a backup.

GUIDELINES FOR POSTER PRESENTATIONS

All accepted abstracts are presented as posters. The size of the poster board is 88 cm (width) x 118 cm (height). Your poster should be on display on the day of your poster session. Pins will be provided at the poster area. Posters must be mounted before the beginning of the first session in the morning and dismounted at the end of the congress day.

In addition, all abstract presenters are asked to prepare two (2) PowerPoint slides:
Slide 1: What has been done/studied
Slide 2: Main results
Slides are presented in a lecture hall in the beginning of the poster session, maximum three (3) minutes/presentation. Each slide may contain a maximum of nine lines and the title.

After the slide presentations of the session, the poster presenters are asked to move to close vicinity of their poster at the poster area and answer possible questions from the viewers until the end of the session.
LIST OF SPONSORS AND EXHIBITORS

3M Finland
Abbvie Oy
Abcur AB
Oy AGA Ab
Alteco Medical Ab
Ambu A/S
Atys Medical
Bard Norden Ab
Baxter Oy
B. Braun Medical Oy
BK Medical
CAE Healthcare GmbH
City of Turku
Cook Medical Finland
CSL Behring AB
Drägerwerk AG
Edwards Lifesciences Nordic AB
European Society of Anaesthesiology (ESA)
Fresenius Medical Care Suomi Oy
Gambro Lundia Ab, filial i Finland
GE Healthcare Finland Oy
Intersurgical Ltd.
IPI Medicine Tech Oy
KARL STORZ Endoscopy Suomi Oy
Laerdal Oy
Maquet Finland Oy
M Dialysis AB
Medicall Nordic Ab Filial i Finland
Medidyne Oy
MEQnordic
Mermaid Medical A/S
Mundipharma Oy
NIHON KOHDEN EUROPE GmbH
Octapharma Nordic Ab
Orion Oy, Orion Pharma
Philips Oy Healthcare
Physio-Control Finland Sales Oy
Sanquin Oy
SSAI 2015 Congress
Swedish Orphan Biovitrum (Sobi)
Techno Systems AS
Thermo Fisher Scientific Oy
Triolab Oy
Oy Woikoski Ab
ZOLL Medical Corporation
Opening Ceremony and Get-together Party

Monday, 26 August 2013 at 17:15

OPENING CEREMONY

Welcome
Professor Sigridur Kalman, President of SSAI

SSAI Advanced Education Program Diploma Awards
Professor Sigridur Kalman, President of SSAI

Welcome to Turku
Riitta Liuksa, Director of the Welfare Division, City of Turku

Opening of the SSAI 2013 Congress
Professor Klaus Olkkola, President of SSAI 2013 Congress

Tango
Dance Theatre ERI

Monday, 26 August 2013 at 18:00

GET-TOGETHER PARTY
Tuesday, 27 August 2013
at 08:30

ACTA LECTURE
CHAIR: Klaus Olkkola, University of Turku and Turku University Hospital, Finland

Basic and clinical science in neuromuscular block
Lars I Eriksson, Karolinska University Hospital, Sweden

Tuesday, 27 August 2013
at 13:15

LAERDAL LECTURE
Laerdal Award will be presented by Professor Lars Wiklund, University of Uppsala, Sweden

Linking pathophysiology, tissue fate, and outcomes in TBI
David K Menon, University of Cambridge, UK

Thursday, 29 August 2013
at 12:00

CLOSING AND PRIZE AWARD CEREMONY
<table>
<thead>
<tr>
<th>Time</th>
<th>08:30</th>
<th>09:00</th>
<th>09:30</th>
<th>10:00</th>
<th>10:30</th>
<th>11:00</th>
<th>11:30</th>
<th>12:00</th>
<th>12:30</th>
<th>13:00</th>
<th>13:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOGOMO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOVE 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Registration and coffee</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOVE 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 33</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 32</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Disturbed haemostasis and surgery** p. 32
- **Sepsis** p. 33
- **Personalised therapy in pain** p. 36
- **Ethical problems in emergency care** p. 35
- **Ultrasound in airway management** p. 37
- **Simulation 1** Paediatric emergencies p. 38
- **Simulation 2** Neonatal resuscitation and stabilisation p. 38
- **Hands-on 1** Ultrasound in ABCD p. 39
- **Hands-on 2** Neuromonitoring: TCD p. 39

Lunch
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>SCCTG</td>
</tr>
<tr>
<td>14:00</td>
<td>Posters 1</td>
</tr>
<tr>
<td>14:30</td>
<td>Acute and chronic pain</td>
</tr>
<tr>
<td>15:00</td>
<td>p. 40</td>
</tr>
<tr>
<td>15:30</td>
<td>Posters 2</td>
</tr>
<tr>
<td>16:00</td>
<td>EB Practise and quality improvement and education</td>
</tr>
<tr>
<td>16:30</td>
<td>p. 41</td>
</tr>
<tr>
<td>17:00</td>
<td>Posters 3</td>
</tr>
<tr>
<td>17:30</td>
<td>Monitoring</td>
</tr>
<tr>
<td>18:00</td>
<td>p. 43</td>
</tr>
<tr>
<td>18:30</td>
<td>Posters 4</td>
</tr>
<tr>
<td>19:00</td>
<td>Pharmacology</td>
</tr>
<tr>
<td></td>
<td>p. 45</td>
</tr>
<tr>
<td>14:00</td>
<td>Simulation 3</td>
</tr>
<tr>
<td>14:30</td>
<td>Paediatric emergencies</td>
</tr>
<tr>
<td>15:00</td>
<td>p. 38</td>
</tr>
<tr>
<td>15:30</td>
<td>Coffee</td>
</tr>
<tr>
<td>16:00</td>
<td>Simulation 4</td>
</tr>
<tr>
<td>16:30</td>
<td>ICU emergencies</td>
</tr>
<tr>
<td>17:00</td>
<td>p. 38</td>
</tr>
<tr>
<td>17:30</td>
<td>Hands-on 3</td>
</tr>
<tr>
<td>18:00</td>
<td>Coagulation</td>
</tr>
<tr>
<td>18:30</td>
<td>p. 39</td>
</tr>
<tr>
<td>19:00</td>
<td>Hands-on 4</td>
</tr>
<tr>
<td></td>
<td>Airway</td>
</tr>
<tr>
<td></td>
<td>p. 39</td>
</tr>
<tr>
<td></td>
<td>Hands-on 5</td>
</tr>
<tr>
<td></td>
<td>Regional anaesthesia</td>
</tr>
<tr>
<td></td>
<td>p. 39</td>
</tr>
<tr>
<td></td>
<td>Hands-on 6</td>
</tr>
<tr>
<td></td>
<td>Neuromonitoring: Microdialysis &amp; ICP</td>
</tr>
<tr>
<td></td>
<td>p. 39</td>
</tr>
<tr>
<td></td>
<td>Simulation 5</td>
</tr>
<tr>
<td></td>
<td>Operation room simulation</td>
</tr>
<tr>
<td></td>
<td>p. 38</td>
</tr>
<tr>
<td></td>
<td>Simulation 6</td>
</tr>
<tr>
<td></td>
<td>Prehospital simulation</td>
</tr>
<tr>
<td></td>
<td>p. 38</td>
</tr>
<tr>
<td></td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td></td>
<td>in LOGOMO</td>
</tr>
<tr>
<td></td>
<td>p. 16</td>
</tr>
<tr>
<td></td>
<td>Get-together Party in</td>
</tr>
<tr>
<td></td>
<td>Exhibition Area</td>
</tr>
<tr>
<td>Time</td>
<td>08:30</td>
</tr>
<tr>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>LOGOMO</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LOGI 1</strong></td>
<td></td>
</tr>
<tr>
<td><strong>MOVE 2</strong></td>
<td></td>
</tr>
<tr>
<td><strong>MOVE 1</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LOGI 3</strong></td>
<td></td>
</tr>
<tr>
<td><strong>GOTO 33</strong></td>
<td></td>
</tr>
<tr>
<td><strong>GOTO 30</strong></td>
<td></td>
</tr>
<tr>
<td><strong>GOTO 31</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LOGI 2</strong></td>
<td></td>
</tr>
<tr>
<td><strong>GOTO 32</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Acta Lecture**  p. 53

**Ultrasound in ABCD management**  p. 53

**Good medicine in bad places**  p. 51

**Differentiation of coagulopathy**  p. 53

**Coffee**

**Exploring the mystery of general anaesthesia and consciousness**

* Molecular mechanisms and sleep
* Consciousness
* Neuroimaging
* Connectivity

**Plenary lectures in LOGOMO**  p. 48

**Lunch**
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>Neurocritical care I (Laerdal lecture) p. 50</td>
</tr>
<tr>
<td>14:00</td>
<td>Posters 5 Obstetric anaesthesia I p. 56</td>
</tr>
<tr>
<td>14:30</td>
<td>Posters 6 Clinical anaesthesia I p. 57</td>
</tr>
<tr>
<td>15:00</td>
<td>Posters 7 Resuscitation and emergency medicine p. 59</td>
</tr>
<tr>
<td>15:30</td>
<td>Posters 8 Local and regional anaesthesia p. 61</td>
</tr>
<tr>
<td>16:00</td>
<td>Simulation 7 Paediatric emergencies p. 54</td>
</tr>
<tr>
<td>16:30</td>
<td>Simulation 8 ICU emergencies p. 54</td>
</tr>
<tr>
<td>17:00</td>
<td>Hands-on 7 Ultrasound in ABCD p. 55</td>
</tr>
<tr>
<td>17:30</td>
<td>Hands-on 8 Airway p. 55</td>
</tr>
<tr>
<td>18:00</td>
<td>Coffee</td>
</tr>
<tr>
<td>18:30</td>
<td>Current topics in perioperative pharmacology p. 49</td>
</tr>
<tr>
<td>19:00</td>
<td>Paediatric pain p. 52</td>
</tr>
<tr>
<td></td>
<td>Paediatric pain p. 52</td>
</tr>
<tr>
<td></td>
<td>Baltic session p. 53</td>
</tr>
<tr>
<td></td>
<td>Evidence based guidelines p. 53</td>
</tr>
<tr>
<td></td>
<td>Evidence based guidelines p. 53</td>
</tr>
<tr>
<td></td>
<td>18:30 Simulations 8 Operation room simulation p. 54</td>
</tr>
<tr>
<td></td>
<td>Simulation 8 Operation room simulation p. 54</td>
</tr>
<tr>
<td></td>
<td>Hands-on 9 Coagulation p. 55</td>
</tr>
<tr>
<td></td>
<td>Hands-on 9 Coagulation p. 55</td>
</tr>
<tr>
<td></td>
<td>Hands-on 10 Ventilator management of BPD children p. 55</td>
</tr>
<tr>
<td></td>
<td>Hands-on 10 Ventilator management of BPD children p. 55</td>
</tr>
<tr>
<td></td>
<td>SSAI Obstetric training program</td>
</tr>
<tr>
<td></td>
<td>SSAI Obstetric training program</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td></td>
<td>SSAI General Assembly</td>
</tr>
<tr>
<td>Time</td>
<td>08:30</td>
</tr>
<tr>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>LOGI 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGOMO</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>MOVE 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>MOVE 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 33</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 30</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 31</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>GOTO 32</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Developing brain and anaesthesia  
   p. 64
2. Day case surgery in children  
   p. 64
3. AKI  
   p. 66
4. Renal replacement therapy  
   p. 66
5. Quality of CPR  
   p. 67
6. Neurotrauma  
   p. 67
7. Xenon  
   p. 66
8. Evidence based pain management: ICU, emergency care, ward  
   p. 68
9. EdC Teaching and learning in workplace  
   p. 69
10. Acta Best Abstracts Prize Competition  
    p. 74
11. Simulation 11  
    Paediatric emergencies  
    p. 70
12. Simulation 12  
    Prehospital emergencies  
    p. 70
13. Simulation 13  
    Operation room simulation  
    p. 70
14. Simulation 14  
    ICU Emergencies  
    p. 70
15. Hands-on 11  
    Regional anaesthesia  
    p. 72
16. Hands-on 13  
    Coagulation  
    p. 72
17. Hands-on 12  
    Neuromonitoring:TCD  
    p. 72
18. Hands-on 14  
    Airway  
    p. 72
19. SSAI obstetric training program

Coffee |

Lunch
**Programme Overview**

**Wednesday, 28 August 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>Patient safety in anaesthesia I</td>
</tr>
<tr>
<td>14:00</td>
<td>Posters 9: Intensive care medicine</td>
</tr>
<tr>
<td>14:30</td>
<td>Posters 10: Neuroscience</td>
</tr>
<tr>
<td>15:00</td>
<td>Posters 11: Clinical anaesthesia II</td>
</tr>
<tr>
<td>15:30</td>
<td>Posters 12: Obstetric anaesthesia II</td>
</tr>
<tr>
<td>15:30</td>
<td>Coffee</td>
</tr>
<tr>
<td>16:00</td>
<td>Simulation 15: Neonatal resuscitation and stabilisation</td>
</tr>
<tr>
<td>16:30</td>
<td>Simulation 16: ICU emergencies</td>
</tr>
<tr>
<td>17:00</td>
<td>Hands-on 15: Regional anaesthesia</td>
</tr>
<tr>
<td>17:30</td>
<td>Hands-on 16: Neuromonitoring: Microdialysis &amp; ICP</td>
</tr>
<tr>
<td>18:00</td>
<td>Neuroanaesthesia for dummies</td>
</tr>
<tr>
<td>18:30</td>
<td>Therapeutic hypothermia</td>
</tr>
<tr>
<td>19:00</td>
<td>HBO</td>
</tr>
<tr>
<td></td>
<td>Posters 10: Neuroscience</td>
</tr>
<tr>
<td></td>
<td>Posters 11: Clinical anaesthesia II</td>
</tr>
<tr>
<td></td>
<td>Posters 12: Obstetric anaesthesia II</td>
</tr>
<tr>
<td></td>
<td>Coffee</td>
</tr>
<tr>
<td></td>
<td>Simulation 15: Neonatal resuscitation and stabilisation</td>
</tr>
<tr>
<td></td>
<td>Simulation 16: ICU emergencies</td>
</tr>
<tr>
<td></td>
<td>Hands-on 15: Regional anaesthesia</td>
</tr>
<tr>
<td></td>
<td>Hands-on 16: Neuromonitoring: Microdialysis &amp; ICP</td>
</tr>
<tr>
<td></td>
<td>Neuroanaesthesia for dummies</td>
</tr>
<tr>
<td></td>
<td>Therapeutic hypothermia</td>
</tr>
<tr>
<td></td>
<td>HBO</td>
</tr>
</tbody>
</table>

**Dinner at Brewery Restaurant Koulu (School)**
<table>
<thead>
<tr>
<th>Time</th>
<th>08:30</th>
<th>09:00</th>
<th>09:30</th>
<th>10:00</th>
<th>10:30</th>
<th>11:00</th>
<th>11:30</th>
<th>12:00</th>
<th>12:30</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOGI 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Patient safety in anaesthesia II p. 82</td>
<td>Regional anaesthesia p. 82</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGI 1</td>
<td></td>
<td></td>
<td>Sleep and sedation in ICU p. 83</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Closing and Prize Award Ceremony &amp; SSAI 2015 in LOGI 3 p. 17</td>
</tr>
<tr>
<td>MOVE 2</td>
<td></td>
<td></td>
<td>Special techniques in the pain management p. 85</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>08:30</td>
<td>09:00</td>
<td>09:30</td>
<td>10:00</td>
<td>10:30</td>
<td>11:00</td>
<td>11:30</td>
<td>12:00</td>
<td>12:30</td>
<td>13</td>
</tr>
</tbody>
</table>
32nd SSAI Congress
Turku, Finland
26-29 August 2013

Programme Structure
<table>
<thead>
<tr>
<th>Programme Structure</th>
<th>Monday, 26 August 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANAESTHESIOLOGY</strong></td>
<td>p. 32</td>
</tr>
<tr>
<td>Disturbed haemostasis and surgery</td>
<td></td>
</tr>
<tr>
<td>Cardiovascular disease and non-cardiac surgery</td>
<td></td>
</tr>
<tr>
<td><strong>INTENSIVE CARE MEDICINE</strong></td>
<td>pp. 33–34</td>
</tr>
<tr>
<td>Sepsis</td>
<td></td>
</tr>
<tr>
<td>Scandinavian Critical Care Trials Group</td>
<td></td>
</tr>
<tr>
<td>ARDS</td>
<td></td>
</tr>
<tr>
<td><strong>EMERGENCY MEDICINE</strong></td>
<td>p. 35</td>
</tr>
<tr>
<td>Ethical problems in emergency care</td>
<td></td>
</tr>
<tr>
<td>Update on paediatric emergencies</td>
<td></td>
</tr>
<tr>
<td>Pre-hospital diagnosis and treatment in stroke - time is brain</td>
<td></td>
</tr>
<tr>
<td><strong>PAIN</strong></td>
<td>p. 36</td>
</tr>
<tr>
<td>Personalized therapy in pain management</td>
<td></td>
</tr>
<tr>
<td>– what do we know about genetic factors affecting pain management</td>
<td></td>
</tr>
<tr>
<td>Pain – insights from the brain</td>
<td></td>
</tr>
<tr>
<td><strong>SPECIAL LECTURES</strong></td>
<td>p. 37</td>
</tr>
<tr>
<td>Ultrasound in airway management</td>
<td></td>
</tr>
<tr>
<td><strong>SIMULATIONS</strong></td>
<td>p. 38</td>
</tr>
<tr>
<td>1. Paediatric emergencies</td>
<td></td>
</tr>
<tr>
<td>2. Neonatal resuscitation and stabilisation</td>
<td></td>
</tr>
<tr>
<td>3. Paediatric emergencies</td>
<td></td>
</tr>
<tr>
<td>4. ICU emergencies</td>
<td></td>
</tr>
<tr>
<td>5. Operation room simulation</td>
<td></td>
</tr>
<tr>
<td>6. Prehospital simulation</td>
<td></td>
</tr>
<tr>
<td><strong>HANDS-ON SESSIONS</strong></td>
<td>p. 39</td>
</tr>
<tr>
<td>1. Ultrasound in ABCD – FATE, FAST and LUNG</td>
<td></td>
</tr>
<tr>
<td>2. Neuromonitoring: TCD</td>
<td></td>
</tr>
<tr>
<td>3. Coagulation</td>
<td></td>
</tr>
<tr>
<td>4. Airway</td>
<td></td>
</tr>
<tr>
<td>5. Ultrasound in regional anaesthesia</td>
<td></td>
</tr>
<tr>
<td>6. Neuromonitoring: ICP &amp; microdialysis</td>
<td></td>
</tr>
<tr>
<td><strong>POSTER SESSIONS</strong></td>
<td>pp. 40–46</td>
</tr>
<tr>
<td>POSTERS 1: Acute and chronic pain</td>
<td></td>
</tr>
<tr>
<td>POSTERS 2: EB practise and quality improvement and education</td>
<td></td>
</tr>
<tr>
<td>POSTERS 3: Monitoring</td>
<td></td>
</tr>
<tr>
<td>POSTERS 4: Pharmacology</td>
<td></td>
</tr>
<tr>
<td><strong>SSAI OBSTETRIC TRAINING PROGRAMME</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Programme Structure

### Tuesday, 27 August 2013

#### PLENARY LECTURES
- Exploring the mystery of general anaesthesia and consciousness

#### ANAESTHESIOLOGY
- Current topics in perioperative pharmacology

#### INTENSIVE CARE MEDICINE
- Neurocritical care I
- Neurocritical care II

#### EMERGENCY MEDICINE
- Good medicine in bad places

#### PAIN
- Paediatric pain

#### SPECIAL LECTURES
- Acta lecture
- Ultrasound in ABCD
- Differentiation of coagulopathy
- Baltic session
- Clinical practice committee: Evidence based guidelines

#### SIMULATIONS
- 7. Paediatric emergencies
- 8. ICU emergencies
- 9. Operation room simulation
- 10. Neonatal resuscitation and stabilisation

#### HANDS-ON SESSIONS
- 7. Ultrasound in ABCD – FATE, FAST and LUNG
- 8. Airway
- 9. Coagulation
- 10. Ventilator management of children having bronchopulmonary dysplasia

#### POSTER SESSIONS
- POSTERS 5: Obstetric anaesthesia I
- POSTERS 6: Clinical anaesthesia I
- POSTERS 7: Resuscitation and emergency medicine
- POSTERS 8: Local and regional anaesthesia

#### SSAI GENERAL ASSEMBLY

#### FOUNDING MEETING OF THE NETWORK FOR SCANDINAVIAN NEUROANAESTHESIOLOGISTS

#### SSAI OBSTETRIC TRAINING PROGRAMME
# Programme Structure Wednesday, 28 August 2013

## ANAESTHESIOLOGY

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developing brain and anaesthesia</td>
<td>pp. 64–65</td>
</tr>
<tr>
<td>Day case surgery in children</td>
<td></td>
</tr>
<tr>
<td>Patient safety in anaesthesia I</td>
<td></td>
</tr>
<tr>
<td>Neuroanaesthesia for dummies</td>
<td></td>
</tr>
<tr>
<td>Obstetric anaesthesia</td>
<td></td>
</tr>
</tbody>
</table>

## INTENSIVE CARE MEDICINE

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AKI</td>
<td></td>
</tr>
<tr>
<td>Xenon</td>
<td></td>
</tr>
<tr>
<td>Renal replacement therapy</td>
<td></td>
</tr>
</tbody>
</table>

## EMERGENCY MEDICINE

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Putting it all together - the quality of CPR</td>
<td>p. 67</td>
</tr>
<tr>
<td>Neurotrauma</td>
<td></td>
</tr>
<tr>
<td>Therapeutic hypothermia in emergency medicine – is it worth the effort</td>
<td></td>
</tr>
</tbody>
</table>

## PAIN

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evidence-based pain management: ICU, emergency care, wards</td>
<td>p. 68</td>
</tr>
</tbody>
</table>

## SPECIAL LECTURES

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Committee: Teaching and learning in workplace</td>
<td>p. 69</td>
</tr>
<tr>
<td>Hyperbaric oxygen</td>
<td></td>
</tr>
<tr>
<td>Leadership</td>
<td></td>
</tr>
</tbody>
</table>

## SIMULATIONS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. Paediatric emergencies</td>
<td>pp. 70–71</td>
</tr>
<tr>
<td>12. Prehospital emergencies</td>
<td></td>
</tr>
<tr>
<td>13. Operation room simulation</td>
<td></td>
</tr>
<tr>
<td>14. ICU emergencies</td>
<td></td>
</tr>
<tr>
<td>15. Neonatal resuscitation and stabilisation</td>
<td></td>
</tr>
<tr>
<td>16. ICU emergencies</td>
<td></td>
</tr>
<tr>
<td>17. Operation room simulation</td>
<td></td>
</tr>
<tr>
<td>18. Prehospital emergencies</td>
<td></td>
</tr>
</tbody>
</table>

## HANDS-ON SESSIONS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. Ultrasound in regional anaesthesia</td>
<td>pp. 72–73</td>
</tr>
<tr>
<td>12. Neuromonitoring: TCD</td>
<td></td>
</tr>
<tr>
<td>13. Coagulation</td>
<td></td>
</tr>
<tr>
<td>14. Airway</td>
<td></td>
</tr>
<tr>
<td>15. Ultrasound in regional anaesthesia</td>
<td></td>
</tr>
<tr>
<td>16. Neuromonitoring: ICP &amp; microdialysis</td>
<td></td>
</tr>
<tr>
<td>17. Ultrasound in ABCD – FATE, FAST and LUNG</td>
<td></td>
</tr>
<tr>
<td>18. Ventilator management of children having bronchopulmonary dysplasia</td>
<td></td>
</tr>
</tbody>
</table>

## ACTA BEST ABSTRACTS PRIZE COMPETITION

<table>
<thead>
<tr>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>p. 74</td>
</tr>
</tbody>
</table>
POSTER SESSIONS

POSTERS 9: Intensive care medicine
POSTERS 10: Neuroscience
POSTERS 11: Clinical anaesthesia II
POSTERS 12: Obstetric anaesthesia II

SSAI OBSTETRIC TRAINING PROGRAMME
<table>
<thead>
<tr>
<th>Programme</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAESTHESIOLOGY</td>
<td>Patient safety in anaesthesia II</td>
<td>p. 82</td>
</tr>
<tr>
<td></td>
<td>Regional anaesthesia</td>
<td></td>
</tr>
<tr>
<td>INTENSIVE CARE MEDICINE</td>
<td>Sleep and sedation in ICU</td>
<td>p. 83</td>
</tr>
<tr>
<td></td>
<td>Bronchopulmonary dysplasia in infants</td>
<td></td>
</tr>
<tr>
<td>EMERGENCY MEDICINE</td>
<td>Trauma patients in emergency medicine – should we stay and play or scoop and run?</td>
<td>p. 84</td>
</tr>
<tr>
<td>PAIN</td>
<td>Special techniques in pain management</td>
<td>p. 85</td>
</tr>
</tbody>
</table>
32nd SSAI Congress
Turku, Finland
26-29 August 2013

Monday, 26 August 2013
Monday 26 August 2013
10:30–12:00

DISTURBED HAEMOSTASIS AND SURGERY
CHAIRS: Tomi Niemi, Helsinki University Central Hospital, Finland & Olav Sellevold, St Olav’s University Hospital, Norway

How to manage a patient who is on antiplatelet agents
Pirjo Mustonen, Central Finland Central Hospital, Finland

New drugs for deep venous thrombosis prophylaxis
Riitta Lassila, Hospital District of Helsinki and Uusimaa, Finland

Acute coagulopathy during surgery
Minna Ilmakunnas, Helsinki University Central Hospital, Finland

Monday 26 August 2013
15:30–17:00

CARDIOVASCULAR DISEASE AND NON-CARDIAC SURGERY
CHAIRS: Michael Haney, Umeå University, Sweden & Jouko Jalonen, Turku University Hospital, Finland

Preoperative cardiac risk assessment – what really pays?
Roar Stenseth, St Olav’s University Hospital, Norway

Pharmacological cardiac risk reduction strategies
Olav Sellevold, St Olav’s University Hospital, Norway

Cerebrovascular disease and anaesthesia
Sven E Gisvold, St Olav’s University Hospital, Norway
**Monday 26 August 2013**  
10:30–12:00  

**SEPSIS**  
CHAIRS: Anne Berit Guttormsen, Haukeland University Hospital, Norway & Ville Pettilä, University of Helsinki, Finland

**Epidemiology of sepsis**  
Sari Karlsson, Tampere University Hospital, Finland

**Hemodynamic targets in sepsis – challenging the dogma**  
Jukka Takala, Bern University Hospital, Switzerland

**Sepsis associated encephalopathy**  
Tarek Sharshar, Hôpital Raymond Poincaré, France

---

**Monday 26 August 2013**  
13:30–15:00  

**SCCTG - SCANDINAVIAN CRITICAL CARE TRIALS GROUP**  
CHAIR: Jan Wernerman, Karolinska Institutet, Sweden

**Present trials**

**Transfusion-requirements in septic shock – TRISS-trial**  
Anders Perner, Rigshospitalet, Denmark

**Target temperature management – TTM-trial**  
Niklas Nielsen, Helsingborg Hospital, Sweden

**Future trials, 20 min**

**Stress ulcer prophylaxis in ICU - SUP ICU-trial**  
Morten Hylander Møller, Rigshospitalet, Denmark

**No sedation trial**  
Palle Toft, Odense University Hospital, Denmark

**The future of SCCTG, 50 min**

**The roads we may take**  
Anders Perner, Rigshospitalet, Denmark

**Panel discussion**  
Sigridur Kalman, Karolinska Institutet, Sweden, Anne Berit Guttormsen, Haukeland University Hospital, Norway, Ville Pettilä, University of Helsinki, Finland, Palle Toft, Odense University Hospital, Denmark, Anders Perner, Rigshospitalet, Denmark
ARDs
CHAIRS: Jon Henrik Laake, Oslo University Hospital, Norway & Tero Varpula, Hospital District of Helsinki and Uusimaa, Finland

New concepts and definitions of ARDS
Tero Varpula, Hospital District of Helsinki and Uusimaa, Finland

Treating ARDS is not about ventilator only – cardiovascular interactions and tissue perfusion
Jukka Takala, Bern University Hospital, Switzerland

How to tailor ventilatory treatment in ARDS – by cookbook, lung mechanics or imaging?
Stefan Lundin, Sahlgrenska University Hospital, Sweden
Monday 26 August 2013
10:30–12:00

**ETHICAL PROBLEMS IN EMERGENCY CARE**
CHAIRS: Maaret Castrén, University of Turku, Finland and Karolinska Institutet, Sweden & Sanna Salanterä, University of Turku, Finland

Ethical problems in emergency care
Maaret Castrén, University of Turku, Finland and Karolinska Institutet, Sweden

Relatives’ experiences of ICU care
Åsa Engström, Luleå University of Technology, Sweden

Ethics of care in ICU
Helena Leino-Kilpi, University of Turku, Finland

Monday 26 August 2013
15:30–17:00

**UPDATE ON PAEDIATRIC EMERGENCIES**
CHAIRS: Tom Hansen, Odense University Hospital, Denmark & Tuula Manner, Turku University Hospital, Finland

Etiology and management of paediatric emergencies
Pertti Suominen, Helsinki University Central Hospital, Finland

Early management of sepsis in children
Anna Nikula, Karolinska University Hospital, Sweden

The anesthesiologist’s perspective of paediatric traumatic brain injury
Deepak Sharma, University of Washington, USA

Monday 26 August 2013
15:30–17:00

**PRE-HOSPITAL DIAGNOSIS AND TREATMENT IN STROKE - TIME IS BRAIN**
CHAIRS: Hans Morten Lossius, Norwegian Air Ambulance Foundation, Norway & Olli Tenovuo, Turku University Hospital, Finland

Pre-hospital diagnosis and treatment in stroke – is it feasible?
Silke Walter, Saarland University Medical Center and Saarland University, Germany

Pre-hospital diagnosis and treatment in stroke – can an anaestesiologist replace the neurologist?
Christian Lund, Oslo University Hospital, Norway

Pre-hospital diagnosis and treatment in stroke – a part of the air ambulance tool kit
Hans Morten Lossius, Norwegian Air Ambulance Foundation, Norway
Monday 26 August 2013
10:30–12:00

PERSONALIZED THERAPY IN PAIN MANAGEMENT – WHAT DO WE KNOW ABOUT GENETIC FACTORS AFFECTING PAIN MANAGEMENT
CHAIRS: Klaus Olkkola, University of Turku and Turku University Hospital, Finland & Jan Persson, Karolinska University Hospital, Sweden

Genetics for dummies
Johanna Schleutker, University of Turku, Finland

Genetic variants affecting pharmacokinetics
Jörn Lötsch, Goethe University, Germany

Genetic variants affecting pharmacodynamics
Jörn Lötsch, Goethe University, Germany

Monday 26 August 2013
15:30–17:00

PAIN – INSIGHTS FROM THE BRAIN
CHAIRS: Nora Hagelberg, Turku University Hospital, Finland & Ole Mathiesen, Rigshospitalet, Denmark

Why does pain hurt?
Hasse Karlsson, University of Turku, Finland

CNS plasticity in chronic pain
Erika Kirveskari, Hospital District of Helsinki and Uusimaa, Finland

rTMS – a new tool in the treatment of pain
Satu Jääskeläinen, Turku University Hospital and University of Turku, Finland
ULTRASOUND IN AIRWAY MANAGEMENT
CHAIR: Heikki Antila, Turku University Hospital, Finland

Prologue to hands-on session
Michael Seltz Kristensen, Rigshospitalet, Denmark
Monday 26 August 2013
10:30–12:00

SIMULATION 1
Paediatric emergencies
Olli Vänttinen, Turku University Hospital, Finland & Ville Pyylampi, Turku University Hospital, Finland

Monday 26 August 2013
10:30–12:00

SIMULATION 2
Neonatal resuscitation and stabilisation
Hanna Soukka, Turku University Hospital, Finland & Kalle Korhonen, Turku University Hospital, Finland

Monday 26 August 2013
13:30–15:00

SIMULATION 3
Paediatric emergencies
Olli Vänttinen, Turku University Hospital, Finland & Ville Pyylampi, Turku University Hospital, Finland

Monday 26 August 2013
13:30–15:00

SIMULATION 4
ICU emergencies
Sanna Hoppu, Tampere University Hospital, Finland & Ville Jalkanen, Tampere University Hospital, Finland

Monday 26 August 2013
15:30–17:00

SIMULATION 5
Operation room simulation
Miretta Tommila, Turku University Hospital, Finland & Johanna Kangassalo, Turku University Hospital, Finland

Monday 26 August 2013
15:30–17:00

SIMULATION 6
Prehospital simulation
Olli Väisänen, GE Healthcare, Finland & Juhana Hallikainen, Helsinki University Central Hospital, Finland
Monday 26 August 2013
10:30–12:00

HANDS-ON 1: ULTRASOUND IN ABCD – FATE, FAST AND LUNG
Erik Sloth, Lars Knudsen & Thomas Dahl Nielsen
Aarhus University Hospital, Denmark

Monday 26 August 2013
10:30–12:00

HANDS-ON 2: NEUROMONITORING: TCD
Deepak Sharma, University of Washington, USA & Ari Katila, Turku University Hospital, Finland

Monday 26 August 2013
13:30–15:00

HANDS-ON 3: COAGULATION
Alexey Schramko, Helsinki University Central Hospital, Finland, Noora Tirkkonen, Triolab, Finland & Jussi Kurittu, Triolab, Finland

Monday 26 August 2013
15:30–17:00

HANDS-ON 5: ULTRASOUND IN REGIONAL ANAESTHESIA
Lecture: Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland
Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland
Lower extremity
Pekka Tarkkila, Helsinki University Central Hospital, Finland
Upper extremity
Kari Annala, Koskiklinikka, Finland

Monday 26 August 2013
15:30–17:00

HANDS-ON 6: NEUROMONITORING: ICP & MICRODIALYSIS
David K Menon, University of Cambridge, UK
Monday 26 August 2013
13:30–15:00

POSTERS 1 ACUTE AND CHRONIC PAIN
CHAIRS: Vesa Kontinen, Helsinki University Central Hospital, Finland & Gunnar Olsson, Karolinska Institutet, Sweden

P1.1 ATTITUDES TO PAIN AND PAIN MANAGEMENT IN POST GENERAL ANAESTHESIA PATIENTS, FACULTY OF MEDICINE RAMATHIBODI HOSPITAL, MAHIDOL UNIVERSITY
Wanida Sodsee, Wichai Itthichaikultol, Kanokporn Kunawisarut
Ramathibodi hospital, Bangkok, Thailand

P1.2 LEGAL OPIOID USE BEFORE AND AFTER HIGH ENERGY TRAUMA.
Stine Zwisler (1), Jesper Hallas (2), Morten Schultz Larsen (1), Gitte Handberg (1), Soeren Mikkelsen (1), Thomas Enggaard (1)
Odense University hospital, Odense, Denmark (1), University of Southern Denmark, Odense, Denmark (2)

P1.3 IMAGING-GUIDED STEROID INJECTIONS: CORRELATION BETWEEN THE CHARACTERISTICS OF THE PATIENTS AND PROCEDURAL INDICATORS
Irina Evansa (1), Indulis Vanags (1), Inara Logina (2)
Department of Anesthesiology and Reanimatology, Riga, Latvia (1), Department of Neurology and Neurosurgery, Riga, Latvia (2)

P1.4 THE EFFICACY OF ADDUCTOR CANAL BLOCKADE IN ARTHROSCOPIC KNEE SURGERY - A RANDOMIZED CONTROLLED TRIAL
Malene Espelund (1), Jonna S.Fomsgaard (1), Jørgen Haraszuk (1), Ole Mathiesen (2), Jørgen B. Dahl (2)
University of Copenhagen, Glostrup Hospital, Glostrup, Denmark (1), University of Copenhagen, Rigshospitalet, Copenhagen, Denmark (2)

P1.5 CULTURE CHANGE IN PAIN MANAGEMENT AFTER HIP AND KNEE REPLACEMENT IN NORTH ESTONIA MEDICAL CENTRE
Maria Rebo (1), Veiko Herodes (1), Ants Kass (1)
North Estonia Medical Centre, Tallinn, Estonia (1)

P1.6 TOPICAL ANAESTHESIA WITH ROPIVACAINE IN POST-TONSILLECTOMY PAIN, ADULT PATIENTS
Kaisa Tolska, Annika Takala, Karin Blomgren, Katri Hamunen, Vesa Kontinen
Helsinki University Central Hospital, Helsinki, Finland

P1.7 COMPARISON OF POSTOPERATIVE PAIN IN THE FIRST AND SECOND KNEE IN STAGED KNEE ARTHROPLASTY: ENHANCED SYSTEMIC PAIN SENSITIVITY FOLLOWING SURGERY
Mi-Hyun Kim (1), Eunyoung Kim (1), Sang-Hwan Do (1)
Seoul National University Bundang Hospital, Seongnam, Gyeonggi-Do, Republic of Korea (1)
POSTERS 2 EVIDENCE-BASED PRACTISE AND QUALITY IMPROVEMENT AND EDUCATION
CHAIRS: Hans Kirkegaard, Aarhus University Hospital, Denmark & Leila Niemi-Murola, University of Helsinki, Finland

P2.1 END-OF-LIFE DECISIONS - A NEW AREA FOR SIMULATION-BASED TRAINING?
Conrad Arnfinn Bjørshol (1,2), Stephen Sollid (3), Hans Flaatten (4), Ingve Hetland (2), Wenche Torunn Mathiesen (1,3), Eldar Søreide (1)
Stavanger University Hospital, Stavanger, Norway (1), Stavanger Acute Medicine Foundation for Education and Research, Stavanger, Norway (2), Norwegian Air Ambulance Foundation, Drøbak, Norway (3), Haukeland University Hospital, Bergen, Norway (4)

P2.2 INTRODUCTION OF AN EXTENSIVE SIMULATION PROGRAM IN A TRADITIONAL MEDICAL CONFERENCE; SUCCESS OR WASTE OF TIME?
Stephen J. M. Sollid (1,6), Helge Lorentzen (5), Eldar Søreide (2,5), Hans Flaatten (3), Doris Østergaard (4)
Norwegian Air Ambulance Foundation, Drøbak, Norway (1), Stavanger University Hospital, Stavanger, Norway (2), Haukeland University Hospital, Bergen, Norway (3), Danish Institute for Medical Simulation, Herlev, Denmark (4), Stavanger Acutemedicine for Education and Research, Stavanger, Norway (5), Oslo University Hospital, Oslo, Norway (6)

P2.3 SMALL SIMULATION BASED SESSIONS VERSUS PLENARY INTERACTIVE SESSIONS DURING A MEDICAL CONGRESS TO HIGHLIGHT ETHICAL CHALLENGES IN INTENSIVE CARE.
Stephen J. M. Sollid (1,2), Conrad Bjørshol (3,5), Hans Flaatten (4), Eldar Søreide (3,5)
Norwegian Air Ambulance Foundation, Drøbak, Norway (1), Oslo University Hospital, Oslo, Norway (2), Stavanger University Hospital, Stavanger, Norway (3), Haukeland University Hospital, Bergen, Norway (4), Stavanger Acutemedicine Foundation for Education and Research, Stavanger, Norway (5)

P2.4 PORTFOLIO IN ANAESTHESIA SPECIALIST EDUCATION - REFLECTION ON CLINICAL ACTION?
Leila Niemi-Murola (1), Charlotte Slilèn (2)
University of Helsinki, Helsinki, Finland (1), Karolinska Institution, Stockholm, Sweden (2)

P2.5 HIGH-FIDELITY SIMULATION IN CLINICAL EDUCATION OF EMERGENCY MEDICINE AND ANAESTHESIOLOGY: SYSTEMATIC REVIEW
Juhana Hallikainen, Leila Niemi-Murola
Helsinki University Central Hospital, Helsinki, Finland

P2.6 POSTOPRATIVE PATIENT EMPOWERMENT; A WAY TO OPTIMIZE AND EVALUATE A TRANSDISCIPLINARY PATIENT-PATHWAY
Louise Rovsing, Sarah Johansen, Ellen Friis-Mikkelsen
Glostrup UH, Glostrup, Denmark
P2.7 PROCESS OF DEVELOPING AN INTERDISCIPLINARY OBSTETRIC ANAESTHESIA SIMULATION-BASED EDUCATION COURSE WITH INVOLVEMENT OF SIX HEALTH-CARE PROFESSIONS.

Kim Ekelund (1), Charlotte Krebs Albrechtsen (1), Doris Østergaard (2), Jette Led Sørensen (3)
Department of Anesthesia, Juliane Marie Centre, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark (1), Danish Institute for Medical Simulation, Herlev Hospital, Capital Region of Denmark and Copenhagen University, Copenhagen, Denmark (2), Juliane Marie Centre for Children, Women and Reproduction, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark (3)

P2.8 TACT SURVEY. TRAINEE ASSESSMENT OF CONSULTANT TRAINERS

Tomas Jovaisa (1,2)
Queen’s Hospital, BHR University Hospitals NHS Trust, London, UK (1), Lithuanian University of Health Sciences, Kaunas, Lithuania (2)

P2.9 MOTIVATIONAL FACTORS AND ORGANIZATIONAL COMMITMENT OF NURSE ANESTHETISTS IN RAMATHIBODI HOSPITAL

Supalak Sakdanuwatwong (1), Wichai Ittichaikulthol (1), Pornchai Sakdanuwatwong (2)
Department of Anesthesiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand (1), Graduate School, Faculty of Business Administration, Kasetsart University, Bangkok, Thailand (2)
Monday 26 August 2013
13:30–15:00

POSTERS 3 MONITORING
CHAIRS: Lars Rasmussen, Rigshospitalet, Denmark & Susanne Wammen, Rigshospitalet, Denmark

P3.1 TRANSCUTANEOUS CARBON DIOXIDE AND OXYGEN PRESSURE DURING LAPAROSCOPIC BARIATRIC SURGERY
Tomoki Nishiyama, Masaki Sekiguchi
New Tokyo Hospital, Matsudo, Chiba, Japan

P3.2 EXTERNAL CAROTID ARTERY FLOW MAINTAINS NIRS-DETERMINED FRONTAL LOBE OXYGENATION DURING EPHEDRINE ADMINISTRATION
Henrik Sørensen (1), Peter Rasmussen (3), Kohei Sato (4), Simon Persson (1), Niels D. Olesen (1), Henning B. Nielsen (1), Niels V. Olsen (2,3), Shigehiko Ogoh (5), Niels H. Secher (1,6)
Department of Anaesthesia, Rigshospitalet, University of Copenhagen, Copenhagen, Denmark (1), Department of Neuroanaesthesia, The Neuroscience Centre, Rigshospitalet, University of Copenhagen, Copenhagen, Denmark (2), Department of Neuroscience and Pharmacology, University of Copenhagen, Copenhagen, Denmark (3), Research Institute of Physical Fitness, Japan Women’s College of Physical Education, Tokyo, Japan (4), Department of Biomedical Engineering, Toyo University, Tokyo, Japan (5), The Copenhagen Muscle Research Centre, University of Copenhagen, Copenhagen, Denmark (6)

P3.3 WHERE DOES THE EEG OF ANAESTHESIA MONITORS COME FROM?
Kotoe Kamata (1,2), Narayan P Subramaniyam (4), Tuomo Ylinen (5), Arvi Yli-Hankala (2,3), Pasi Kauppinen (4), Outi Väisänen (4), Ville Jäntti (4,5)
Tokyo Women’s Medical University, Tokyo, Japan (1), Tampere University Hospital, Tampere, Finland (2), University of Tampere, Medical School, Tampere, Finland (3), Tampere University of Technology, Tampere, Finland (4), Seinäjoki Central Hospital, Seinäjoki, Finland (5)

P3.4 APPROPRIATE USE OF PLANECTA PORT, AND EFFECT OF A DAMPING DEVICE FOR PRESSURE-TRANSUDER KITS ON ITS FREQUENCY CHARACTERISTICS
Shigeki Fujiwara (1), Keiiti Tachihara (2), Yoshifumi Kawakubo (3), Satoshi Mori (4), Yutaka Kanetake (5), Izumi Toyoguchi (5), Takeshi Yokoyama (1)
Kyushu University, Fukuoka/Fukuoka-ken, Japan (1), Teikyo University Junior College, Shibuya-ku/Tokyo, Japan (2), Tokushima Prefectural Central Hospital, Tokushima/Tokushima-ken, Japan (3), Yanagawa Hospital, Yanagawa/Fukuoka-ken, Japan (4), Argon Medical Devices Japan K.K., Chuo-ku/Tokyo, Japan (5)

P3.5 MONITORING DEEP NEUROMUSCULAR BLOCKADE IN A PIG MODEL
Matias Vested Madsen (1), Anders Meller Donatsky (2), Jacob Rosenberg (2), Bente Rona Jensen (3), Karsten Pharao Hammelev (4), Mona Ring Gätke (1)
Department of Anaesthesiology, Herlev Hospital, University of Copenhagen, Herlev, Denmark (1), Department of Surgery, Herlev Hospital, University of Copenhagen, Herlev, Denmark (2), Department of Nutrition, Exercise and Sports, University of Copenhagen, Copenhagen, Denmark (3), Department of Experimental Medicine, University of Copenhagen, Copenhagen, Denmark (4)
P3.6 EFFECT OF SLOW DELTA EEG ON BIS- INDEX IN SEVOFLURANE INDUCTION WITH CHILDREN
Ville Jäntti (1,4), Eila Sonkajärvi (2), Mika Särkelä (3), Morteza Zabihi (4), Urho Sompa (6), Antti Kulkas (1), Tarmo Lipping (5)
Seinäjoki Neuromonitoring Research Group, Seinäjoki, Finland (1), Oulu University Hospital, Oulu, Finland (2), GE Healthcare, Helsinki, Finland (3), Tampere University of Technology, Tampere, Finland (4), Tampere University of technology, Pori, Pori, Finland (5), University of Tampere, Tampere, Finland (6)

P3.7 CARDIAC OUTPUT CHANGES DURING ROBOTIC LAPAROSCOPIC SURGERY
Lester Critchley, Li Huang
The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

P3.9 DOES ROTATION OF THE HEAD DURING SURGERY IN THE PRONE POSITION AFFECT THE OXYGEN SATURATION IN THE FRONTAL LOBES? A PROSPECTIVE CONTROLLED STUDY.
Johnny D. H. Andersen, Karsten Skovgaard Olsen, Gerben Baake, Julie Therese Wiis
Department of Anaesthesiology, University of Copenhagen, Glostrup Hospital, Glostrup, Denmark
Monday 26 August 2013
13:30–15:00

POSTERS 4 PHARMACOLOGY
CHAIRS: Jörn Lötsch, Goethe University, Germany & Harry Scheinin, University of Turku, Finland

P4.1 THE EFFECT OF CLONIDINE ON DESFLURANE CONSUMPTION USING BISPECTRAL INDEX MONITORING DURING GENERAL ANAESTHESIA
Martin Novacek (1,2), Graeme Sanders (2), Arystarch Makowski (2), Beata Mitztal (2), Ivan Cundrle (3,4), Jiri Jarkovsky (3)
General Hospital in Kolin, Department of Anaesthesia and Intensive Care, Kolin, Czech Republic (1), Medway Maritime Hospital Foundation Trust, Gillingham, Kent, UK (2), Masaryk University, Brno, Czech Republic (3), University Hospital Brno Buhunice, Brno, Czech Republic (4)

P4.2 EFFECT OF POSACONAZOLE AND VORICONAZOLE ON THE PHARMACOKINETICS OF SUBLINGUAL BUPRENORPHINE
Mari Fihlman (1), Tuija Nieminen (1), Nora Hagelberg (1), Kristiina Kuusniemi (1), Kari Laine (2), Pertti Neuvonen (3), Klaus Olkkola (1)
Department of Anaesthesiology, Intensive Care, Emergency Care and Pain Medicine, University of Turku and Turku University Hospital, Turku, Finland (1), Department of Pharmacology, Drug Development and Therapeutics, University of Turku, Turku, Finland (2), Department of Clinical Pharmacology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland (3)

P4.3 INTRAVENOUS RACEMIC KETOPROFEN INDUCES MORE INJECTION PAIN THAN DEXKETOPROFEN
Merja Kokki (1,2), Sari Sjövall (3), Matti Turunen (1), Aleksi Nokela (2), Lassi Halinen (1), Hannu Kokki (1,2)
Kuopio University Hospital, Kuopio, Finland (1), University of Eastern Finland, Kuopio, Finland (2), Satakunta Central Hospital, Pori, Finland (3)

P4.4 EFFECTS OF TERBINAFINE AND ITRACONAZOLE ON THE PHARMACOKINETICS OF ORALLY ADMINISTERED TRAMADOL
Tuukka Saarikoski (1), Teijo Saari (2), Nora Hagelberg (1), Pertti Neuvonen (3), Klaus Olkkola (1), Kari Laine (1)
University of Turku, Turku, Finland (1), University of Erlangen-Nuremberg, Erlangen, Germany (2), University of Helsinki, Helsinki, Finland (3)

P4.5 INFLUENCE OF CRITICAL CARE ON THE PROTEIN BINDING OF SUFENTANIL AND HYDROMORPHONE DURING POSTOPERATIVE PAIN THERAPY IN CARDIAC SURGERY PATIENTS
Teijo Saari, Jan Mell, Katharina Fröhlich, Jörg Fechner, Harald Ihmsen, Jürgen Schüttler, Christian Jeleazcov
University of Erlangen-Nuremberg, Erlangen, Germany
P4.6 DEXMEDETOMIDINE INCREASES THE ACTIVITY OF EXCITATORY AMINO ACID TRANSPORTER 3 (EAAT3) EXPRESSED IN XENOPUS OOCYTE: EVIDENCE FOR THE INVOLVEMENT OF PROTEIN KINASE C (PKC)

Eunyoung Kim, Sang-Hwan Do, Junghee Ryu, Mihyeon Kim
Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Gyeonggi-do, Republic of Korea

P4.7 THE SUCCESSFUL REVERSAL OF A FULMINANT ANAPHYLACTIC REACTION TO ROCURONIUM WITH SUGAMMADEX IN AN 11-YEAR-OLD BOY: A CASE REPORT

Ellen Kristine Stensby, Signe Soevik, Bjørn Loewhagen, Vegard Dahl
Akershus University Hospital, Nordbyhagen, Norway
Tuesday, 27 August 2013
Tuesday 27 August 2013
10:00–12:00

EXPLORING THE MYSTERY OF GENERAL ANAESTHESIA AND CONSCIOUSNESS
CHAIRS: Harry Scheinin, University of Turku, Finland & Lars I Eriksson, Karolinska University Hospital, Sweden

Neurophilosophy of consciousness
Antti Revonsuo, University of Skövde, Sweden and University of Turku, Finland

Molecular mechanisms of general anaesthesia
Nick Franks, Imperial College London, UK

Neuroimaging of anaesthesia and consciousness
Michael Alkire, University of California, USA

Brain connectivity changes associated with altered states of consciousness
Steven Laureys, University of Liège, Belgium
Tuesday 27 August 2013
15:30 – 17:00

CURRENT TOPICS IN PERIOPERATIVE PHARMACOLOGY
CHAIRS: Vesa Kontinen, Helsinki University Central Hospital, Finland & Jörn Lötsch, Goethe University, Germany

Drug interactions in the perioperative period
Klaus Olkkola, University of Turku and Turku University Hospital, Finland

Population pharmacokinetics – academic mambo jambo?
Teijo Saari, Universitätsklinikum Erlangen, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

Should we take chirality into account in our clinical practice?
Jan Persson, Karolinska University Hospital, Sweden
Tuesday 27 August 2013
13:15–15:00
LOGOMO

NEUROCRITICAL CARE I
CHAIRS: Ingmar Rosén, Skåne University Hospital, Sweden & Deepak Sharma, University of Washington, USA

Laerdal Award will be presented by Professor Lars Wiklund, University of Uppsala, Sweden

Linking pathophysiology, tissue fate, and outcomes in TBI (Laerdal lecture)
David K Menon, University of Cambridge, UK

Diffuse axonal injury – the invisible enemy
Olli Tenovuo, Turku University Hospital, Finland

Predicting delirium
Tarek Sharshar, Hôpital Raymond Poincaré, France

Tuesday 27 August 2013
15:30–17:00
LOGOMO

NEUROCRITICAL CARE II
CHAIRS: Ari Katila, Turku University Hospital, Finland & Tarek Sharshar, Hôpital Raymond Poincaré, France

Approaches to precision medicine and personalized management in severe TBI
David K Menon, University of Cambridge, UK

Continuous EEG monitoring in the intensive care unit
Ingmar Rosén, Skåne University Hospital, Sweden

Cortical spreading depolarization
Martin Lauritzen, Glostrup Hospital and University of Copenhagen, Denmark
Tuesday 27 August 2013
08:30–09:30

GOOD MEDICINE IN BAD PLACES
CHAIRS: Sven Erik Gisvold, St Olav’s University Hospital, Norway & Tom Silfvast, Helsinki University Central Hospital, Finland

Basics of tactical emergency medicine
Vesa Lund, Satakunta Hospital District, Finland

Military combat medicine
Knut Ole Sundnes, Norwegian Armed Forces, Norway
Tuesday 27 August 2013
15:30–17:00

PAEDIATRIC PAIN
CHAIRS: Hannu Kokki, University of Eastern Finland, Finland & Per-Arne Lönnqvist, Karolinska University Hospital, Sweden

New innovations in the treatment of paediatric pain
Steen Henneberg, Rigshospitalet, Denmark

Chronic pain
Marja Mikkelsson, Päijät-Häme Social and Health Care Group, Finland

Pain rehabilitation
Gunnar Olsson, Karolinska Institutet, Sweden
**Tuesday 27 August 2013**

**LOGOMO**

**ACTA LECTURE**  
CHAIR: Klaus Olkkola, University of Turku and Turku University Hospital, Finland  
**Basic and clinical science in neuromuscular block**  
Lars I Eriksson, Karolinska University Hospital, Sweden

**LOGI 1**

**ULTRASOUND IN ABCD**  
CHAIR: Jouko Jalonen, Turku University Hospital, Finland  
**Prologue to hands-on ultrasound in ABCD**  
Erik Sloth, Aarhus University Hospital, Denmark

**MOVE 1**

**DIFFERENTIATION OF COAGULOPATHY**  
CHAIR: Roar Stenseth, St Olav's University Hospital, Norway  
**Point-of-care measurements of coagulopathy – what is available**  
Alexey Schramko, Helsinki University Central Hospital, Finland  
**Bedside differentiation and treatment of disturbed haemostasis**  
Tomi Niemi, Helsinki University Central Hospital, Finland

**LOGI 3**

**BALTIC SESSION**  
CHAIRS: Jannicke Mellin-Olsen, Baerum Hospital, Norway & Minna Niskanen, Kuopio University Hospital, Finland  
**Correlation of flow related parameters and plasma dilution during perioperative goal directed fluid therapy**  
Audrius Andrijauskas, Vilnius University Faculty of Medicine, Lithuania  
**Ultrasound imaging facilitates neuraxial pain procedures in patients with degenerative diseases of the spine**  
Irina Evansa, Riga Stradins University, Latvia  
**Assessment of gastrointestinal function in critical illness – does it make difference**  
Joel Starkopf, University of Tartu and Tartu University Hospital, Estonia

**LOGI 1**

**CLINICAL PRACTICE COMMITTEE: EVIDENCE BASED GUIDELINES**  
CHAIRS: Anne Berit Guttormsen, Haukeland University Hospital, Norway & Jouko Jalonen, Turku University Hospital, Finland  
**Evidence based guidelines for acute circulatory failure**  
Michael Haney, Umeå University, Sweden  
**Evidence based guidelines for acute kidney injury**  
Ville Pettilä, University of Helsinki, Finland  
**Evidence based guidelines for mechanical ventilation in ARDS**  
Jon Henrik Laake, Oslo University Hospital, Norway
Tuesday 27 August 2013
13:30–15:00
SIMULATION 7
Paediatric emergencies
Olli Vänttinen, Turku University Hospital, Finland & Ville Pyylampi, Turku University Hospital, Finland

Tuesday 27 August 2013
13:30–15:00
SIMULATION 8
ICU emergencies
Sanna Hoppu, Tampere University Hospital, Finland & Ville Jalkanen, Tampere University Hospital, Finland

Tuesday 27 August 2013
15:30–17:00
SIMULATION 9
Operation room simulation
Miretta Tommila, Turku University Hospital, Finland & Johanna Kangassalo, Turku University Hospital, Finland

Tuesday 27 August 2013
15:30–17:00
SIMULATION 10
Neonatal resuscitation and stabilisation
Hanna Soukka, Turku University Hospital, Finland & Kalle Korhonen, Turku University Hospital, Finland
Tuesday 27 August 2013
13:30–15:00
HANDS-ON 7: ULTRASOUND IN ABCD – FATE, FAST AND LUNG
Erik Sloth, Lars Knudsen & Thomas Dahl Nielsen
Aarhus University Hospital, Denmark

Tuesday 27 August 2013
13:30–15:00
HANDS-ON 8: AIRWAY

Tuesday 27 August 2013
15:30–17:00
HANDS-ON 9: COAGULATION
Alexey Schramko, Helsinki University Central Hospital, Finland, Noora Tirkkonen, Triolab, Finland & Jerry Engström, Triolab, Sweden

Tuesday 27 August 2013
15:30–17:00
HANDS-ON 10: VENTILATOR MANAGEMENT OF CHILDREN HAVING BRONCHOPULMONARY DYSPLASIA
Leif Nelin, Nationwide Children’s Hospital / The Ohio State University, USA, Ed Shepherd, Nationwide Children’s Hospital / The Ohio State University, USA & Brandon Kuehne, Nationwide Children’s Hospital, USA
Tuesday 27 August 2013
13:30–15:00

POSTERS 5 OBSTETRIC ANAESTHESIA I
CHAIRS: Ulla Bang, Aarhus University Hospital, Denmark & Vegard Dahl, Akershus University Hospital, Norway

P5.1 OUTCOME AND INDICATIONS FOR ADMISSION OF PRE-ECLAMPSIA PATIENTS TREATED IN THE INTENSIVE CARE UNIT
Terhi Puhto, Tero Ala-Kokko
Oulu University Hospital, Oulu, Finland

P5.3 PERSISTENT PAIN AFTER CAESAREAN SECTION AND VAGINAL BIRTH: A PROSPECTIVE COHORT STUDY
Petter Kainu, Johanna Sarvela, Erja Halmesmäki, Kari Korttila
Helsinki University Central Hospital, Helsinki, Finland

P5.4 THROMBOELASTOGRAPHY AND AGGREGOMETRY GUIDED TREATMENT IN A PATIENT WITH IDIOPATHIC THROMBOCYTOPENIC PURPURA AND POSTPARTUM HEMORRHAGE
Kim Ekelund (1), Anja Pinborg (2), Ole Wies Bjerrum (3), Jakob Stensballe (4)
Rigshospitalet, Department of anesthesiology, Juliane Marie Centre, Copenhagen, Denmark (1), Rigshospitalet, Department of Obstetrics, Juliane Marie Centre, Copenhagen, Denmark (2), Rigshospitalet, Department of Haematology, Finsen Centre, Copenhagen, Denmark (3), Rigshospitalet, Department of Clinical Immunology Blood Bank, Centre of Diagnostic Investigation, Copenhagen, Denmark (4)

P5.5 LOWER EXTREMITY NEUROPATHY FOLLOWING DELIVERY. A REGISTERBASED STUDY
Karina Bækby Houborg, Ulla Bang
Aarhus University Hospital Skejby, Aarhus, Denmark

P5.6 ANESTHESIA OUTCOME OF 842 CONSECUITVE EMERGENCY CAESAREAN SECTIONS
Antti Väänänen (1), Heidi Eriksson (1), Petter Kainu (1), Marko Lång (2), Johanna Sarvela (1)
HUCH, Women’s hospital, Dept of Anaesthesia, Helsinki, Finland (1), University of Helsinki, Faculty of Medicine, Helsinki, Finland (2)

P5.7 AUDIT OF PERIOPERATIVE TEMPERATURE IN ELECTIVE CESAREAN PATIENTS
Jolande Elshove-Bolk
Medisch Spectrum Twente, Enschede, The Netherlands

P5.8 PERIOPERATIVE MANAGEMENT PLAN TO REDUCE RISKS IN OBSTRUCTIVE SLEEP APNOEA AVERTS NEED FOR PRESURGICAL POLYSOMNOGRAPHY
Chin Ted Chong
TTSH, Singapore, Singapore
Tuesday 27 August 2013
13:30–15:00

POSTERS 6 CLINICAL ANAESTHESIA I
CHAIRS: Søren Pischke, Oslo University Hospital, Norway & Helene Seeman-Lodding, Sahlgrenska University Hospital, Sweden

P6.1 INTRAOPERATIVE GLUCOSE ADMINISTRATION INFLUENCES KETOGENESIS AND RESPIRATORY QUOTIENT DURING ADULT ANESTHESIA
Shoko Kitamura, Takeshi Yokoyama, Saori Sako, Jun Hirokawa
Kyushu University Hospital, Fukuoka, Japan

P6.2 INTRAOPERATIVE GLUCOSE INFUSION IMPROVES THE KETONE METABOLISM AFTER 3 HOURS INTERRUPTION OF GLUCOSE ON THE NEXT DAY
Shoko Kitamura, Takeshi Yokoyama, Saori Sako, Jun Hirokawa
Kyushu University Hospital, Fukuoka, Japan

P6.3 CRICOID PRESSURE PROLONGS THE INTUBATION TIME WHEN USING THE GLIDESCOPE® VIDEOLARYNGOSCOPE. A CONTROLLED RANDOMIZED DOUBLE BLIND TRIAL.
Bjørn Arenkiel, Margit Smitt, Andreas Eversbusch, Karsten Skovgaard Olsen
Glostrup Hospital, Region Hovedstaden, Denmark

P6.4 COMPARATIVE STUDY OF INTUBATION CONDITION BETWEEN SEVOFLURANE AND TOTAL INTRAVENOUS ANAESTHESIA BY PROPOFOL AND REMIFENTANIL INDUCTION WITH ROCURONIUM: PROSPECTIVE, DOUBLE BLINDED AND RANDOMIZED MULTICENTER CLINICAL STUDY
Sangseok Lee (1), Young-Jin Ro (2), Tomoki Nishiyama (3), Tatsuya Fujii (4), Hong-seuk Yang (2)
Department of Anesthesiology and Pain Medicine, Sanggye Paik Hospital, In-je University, College of Medicine, Seoul, Republic of Korea (1), Department of Anesthesiology and Pain Medicine, Seoul Asan Medical Center, Ul-san University, College of Medicine, Seoul, Republic of Korea (2), Department of Anesthesiology and Critical Care, New Tokyo Hospital, Matsudo, Chiba, Japan (3), Department of Anesthesiology, Higashi Omiya General Hospital, Saitama, Saitama, Japan (4)

P6.5 POST-OPERATIVE NAUSEA AND VOMITING AFTER BREAST RECONSTRUCTIVE SURGERY USING TOTAL INTRAVENOUS ANAESTHESIA (TIVA)
Hari Kuttambakam, Sohini Sengupta, Paolo Baraggia, Russel Emandee, Sandip Pal
Mid Essex Hospitals NHS Trust, Chelmsford, UK

P6.6 MINIMAL IMPAIRMENT IN PULMONARY GAS EXCHANGE FOLLOWING LAPAROSCOPIC SURGERY
Anne K. Staehr-Rye (1), Lars S. Rasmussen (2), Jacob Rosenberg (3), Christian S. Hansen (4), Therese F. Nielsen (5), Charlotte V. Rosenstock (4), Helle V. Clausen (5), Martin Kryspin (2), Jakob von H. Regeur (6), Mona R. Gätke (1)
Department of Anaesthesiology, University of Copenhagen, Herlev Hospital, Herlev, Denmark (1), Department of Anaesthesia, Centre of Head and Orthopaedics, University of Copenhagen, Rigshospitalet, Copenhagen, Denmark (2), Department of Surgery, University of Copenhagen, Herlev Hospital, Herlev, Denmark (3), Department of Anaesthesiology, University of Copenhagen, Hillerød Hospital, Hillerød, Denmark (4), Department of Gynaecological and Obstetrics, University of Copenhagen, Herlev Hospital, Herlev, Denmark (5), Department of Surgery, University of Copenhagen, Hillerød Hospital, Hillerød, Denmark (6)
P6.7 INCREASED INCIDENCE OF POSTOPERATIVE DELIRIUM IN PATIENTS WITH RISK OF MALNUTRITION UNDERGOING CORONARY ARTERY BYPASS GRAFTING
Donata Ringaitiene, Ieva Norkiene, Jurate Sipylaite
Clinic of Anesthesiology and Intensive Care of Vilnius University, Vilnius, Lithuania

P6.8 IMPROVING PATIENT SAFETY DURING IMMEDIATE POST ANAESTHESIA CARE
William Tosh, Nahla Farid
Russells Hall Hospital, Dudley, UK

P6.9 DOES THE LARYNGEAL TUBE SUCTION II PERFORM BETTER THAN THE I-GEL?
Seema Kalra (1), Yuhamam Nelson (2), Nitin Hayaran (1)
Igesi Hospital, Delhi, India (1), LHMC and SMT Sucheta Kriplani Hospital, Delhi, India (2)
Tuesday 27 August 2013  
13:30–15:00

**POSTERS 7 RESUSCITATION AND EMERGENCY MEDICINE**

**CHAIRS:** Jo Kramer-Johansen, Oslo University Hospital, Norway & Lars Wik, Oslo University Hospital, Norway

**P7.1 DOES PREHOSPITAL NACA SCORE PREDICT MORTALITY AND NEED FOR ADVANCED TREATMENT IN HOSPITAL?**

*Lasse Raatiniemi (1,4), Kim Mikkelsen (1), Knut Fredriksen (2,3), Torben Wisborg (1,3)*

Department of Anaesthesiology and Intensive Care, Hammerfest Hospital, Hammerfest, Norway (1), Division of Emergency Medical Services, University Hospital of North Norway Tromsø, Tromsø, Norway (2), Anaesthesia and Critical Care Research Group, Department of Clinical Medicine, Faculty of Health Sciences, University of Tromsø, Tromsø, Norway (3), Department of Anaesthesiology, Lapland Central Hospital, Rovaniemi, Finland (4)

**P7.2 RELATIONSHIP BETWEEN SERUM D-DIMMER LEVELS AND SEVERITY OF INJURY IN TRAUMA PATIENTS WITH FRACTURES**

*Hiroshi Dohgomori, Kotaro Mori, Hiroshi Kaniho, Masataka Ozawa, Yoshitomo Eguchi, Takashi Kobayashi, Hiroshi Takayama, Kennichi Nittuta, Tomomi Iwashita, Hiroshi Imamura, Kazufumi Okamoto*

Shinshu University Hospital, Matsumoto, Japan

**P7.3 A CONSENSUS BASED TEMPLATE FOR REPORTING PRE-HOSPITAL MAJOR INCIDENT MEDICAL MANAGEMENT**

*Sabina Fattah (1,2), Marius Rehn (1,3), David Lockey (4,5), Julian Thompson (4), Hans Morten Lossius (1,3), Torben Wisborg (2,6)*

Department of Research and Development, Norwegian Air Ambulance Foundation, Drøbak, Norway (1), Anaesthesia and Critical Care Research Group, Faculty of Health Sciences, University of Tromsø, Tromsø, Norway (2), Field of Pre-hospital Critical Care, Network of Medical Sciences, University of Stavanger, Stavanger, Norway (3), London’s Air Ambulance, The Helipad, Royal London Hospital, Whitechapel, London, UK (4), School of Clinical Sciences, University of Bristol, Bristol, UK (5), Department of Anaesthesiology and Intensive Care, Hammerfest Hospital, Finnmark Health Trust, Hammerfest, Norway (6)

**P7.4 EMBOLIZATION OF PHEOCHROMOCYTOMA TO STABILIZE AND WEAN A PATIENT IN CARDIOGENIC SHOCK FROM EMERGENCY EXTRACORPOREAL LIFE SUPPORT.**

*Helle Vagner, Thomas Hey, Marianne Kjaer Jensen, Bo Elle, Anette Kvistborg, Stevo Dvunjak*

Odense University Hospital, Odense, Denmark

**P7.5 PHYSICIAN ACCOMPANIED ADMISSIONS IN A PREHOSPITAL SETTING**

*Nikolaj Hatting (1), Søren Mikkelsen (2)*

Vejle sygehus, Department of Anaesthesiology and intensive care medicine, Vejle, Region of Southern Denmark, Denmark (1), Odense University Hospital, Department of Anaesthesiology and intensive care medicine, Odense, Region of Southern Denmark, Denmark (2)

**P7.6 BRAIN MAGNETIC RESONANCE IMAGING FINDINGS OF SURVIVORS WITH FAVORABLE OUTCOME WHO RECEIVED THERAPEUTIC HYPOTHERMIA AFTER OUT-OF-HOSPITAL CARDIAC ARREST**

*Jin Joo Kim, Jae Ho Jang, Jae Yeon Choi, Sung Tak Kim*

Gachon University Gil Medical Center, Incheon, Republic of Korea
P7.7 LITHIUM INTOXICATION AS A CONTRIBUTING CAUSE OF SEVERE HEMODYNAMIC INSTABILITY TREATED WITH HIGH-DOSE CONTINUOUS RENAL REPLACEMENT THERAPY (CRRT).
Johnny D. H. Andersen, Anne Øberg Lauritsen
Department of Anaesthesiology, University of Copenhagen, Glostrup Hospital, Glostrup, Denmark

P7.8 SEVERAL CARDIAC ARRESTS CAUSED BY A MASSIVE PULMONARY EMBOLUS. SUCCESSFUL TREATMENT WITH REPETITIVE THROMBOLYTIC THERAPY.
Johnny D. H. Andersen (1), Camilla Asfærg (2), Niels Anker Pedersen (1), Karsten Skovgaard Olsen (1)
Department of Anaesthesiology, University of Copenhagen, Glostrup Hospital, Glostrup, Denmark (1),
Department of Medicine, Cardiology, University of Copenhagen, Glostrup Hospital, Glostrup, Denmark (2)

P7.9 DEMOGRAPHIC PROFILE AND EXTENT OF HEALTHCARE RESOURCE UTILISATIONS OF PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY: STILL A MAJOR PUBLIC HEALTH PROBLEM
Chin Ted Chong (1), JZ Wee (2), R Lee (2), J Yang (1)
Tan Tock Seng Hospital, National Healthcare Group, Singapore, Singapore (1), YLL School of Medicine,
National University of Singapore, Singapore, Singapore (2)
Tuesday 27 August 2013
13:30–15:00

POSTERS 8 LOCAL AND REGIONAL ANAESTHESIA
CHAIRS: Johannes Förster, Orthopaedic Hospital Orton, Finland & Kristiina Kuusniemi, University of Turku and Turku University Hospital, Finland

P8.1 BILATERAL TRANSVERSUS ABDOMINIS PLANE BLOCK WITH 24 HOURS ROPIVACAINE INFUSION VIA TAP CATHETERS. A RANDOMIZED TRIAL IN HEALTHY VOLUNTEERS.
Pernille Petersen (1), Karen Lisa Hilsted (1), Jørgen Dahl (1), Ole Mathiesen (1)
Rigshospitalet, Copenhagen, Denmark (1), Glostrup Hospital, Copenhagen, Denmark (2)

P8.2 DIFFERENCES OF THE ANATOMICAL LOCALIZATION OF THE LUMBAR PLEXUS DE pending on the ETHNIC BACKGROUND
Yusuke Asakura
Nagoya Kyoritsu Hospital, Nagoya, Japan

P8.3 CARDIAC ARREST DUE TO BEZOLD-JARISCH REFLEX WITH FULMINANT SIRS IN POSTRESUSCITATION PERIOD
Martin Novacek, Lucie Novackova
Department of Anaesthesia and Intensive Care, General Hospital in Kolin, Kolin, Czech Republic

P8.4 CONTINUOUS USE OF ANTIPLATELETS OR ANTICOAGULANTS DID NOT INCREASE REMARKABLE BLEEDING IN OPHTHALMIC SURGERY
Helena Kallio, Annika Takala, Tomi Niemi
Department of Anaesthesiology, Helsinki University Central Hospital, Helsinki, Finland

P8.6 FASTER RECOVERY WITH ARTICAINE 20 MG • ML\(^{-1}\) THAN LIDOCAINE 20 MG • ML\(^{-1}\) IN PARAOCULAR BLOCK FOR TRANSSCLERAL DIODE LASER CYCLOPHOTOCOAGULATION
Helena Kallio (1), Päivi Puska (2), Pekka Susimeri (1), Per Rosenberg (3)
Department of Anaesthesiology, Helsinki University Central Hospital, Helsinki, Finland (1), Department of Ophthalmology, Helsinki University Central Hospital, Helsinki, Finland (2), University of Helsinki, Helsinki, Finland (3)
FOUNDING MEETING OF THE NETWORK FOR
SCANDINAVIAN NEUROANAESTHESIOLOGISTS

Date: 27th August 2013
Time: 17:15-19:00
Location: Congress venue LOGOMO, room: Move 1

Lecture: Dexmedetomidine during awake craniotomy (20 min)
Maarit Lång, Kuopio University Hospital, Finland

Meeting agenda

1) Purpose of the meeting: to form a network for Scandinavian Neuroanaesthesiologists

2) Introduction of the participants

3) Election of chair and secretary for the meeting

4) Network – what would it mean? Short and long term goals
   - Annual meetings?
   - Separate programs during SSAI congresses?
   - Research collaboration
   - SSAI endorsed training courses?
   - Would need active and enthusiastic members

5) Economy
   - Membership fee?
   - Finance of the meetings

6) Next meeting
   - Scientific program for the next meeting? Who volunteers to organize?
   - In 2014? Where and when?
   - SSAI 2015 congress, Iceland?

7) Dinner 19:30-19:45 at Restaurant Yoki, www.yoki.fi, address Linnankatu 3a
32nd SSAI Congress
Turku, Finland
26-29 August 2013

Wednesday, 28 August 2013
Wednesday 28 August 2013
08:30–10:00

DEVELOPING BRAIN AND ANAESTHESIA
CHAIRS: Steen Henneberg, Rigshospitalet, Denmark & Kaike Kaisti, Northern Ostrobothnia Hospital District, Finland

Neurotoxic effects of anesthetics in the developing brain
Tom Hansen, Odense University Hospital, Denmark

State of art anaesthetizing neonates and infants
Tuula Manner, Turku University Hospital, Finland

Safety aspects of paediatric sedation
Gunnar Bentsen, Oslo University Hospital, Norway

Wednesday 28 August 2013
10:30–12:00

DAY CASE SURGERY IN CHILDREN
CHAIRS: Riku Aantaa, Turku University Hospital, Finland & Tom Hansen, Odense University Hospital, Denmark

Paediatric day case surgery – how far can we go
Leal G Segura, Mayo Clinic, USA

PONV, pain and parents – three challenges in day case surgery
Kaike Kaisti, Northern Ostrobothnia Hospital District, Finland

Regional anaesthesia in paediatric day case surgery
Per-Arne Lönnqvist, Karolinska University Hospital, Sweden

Wednesday 28 August 2013
13:30–15:00

PATIENT SAFETY IN ANAESTHESIA I
CHAIRS: Jouko Jalonen, Turku University Hospital, Finland & Tanja Manser, Université de Fribourg, Switzerland

Handover communication
Tanja Manser, Université de Fribourg, Switzerland

Implementation of guidelines
Eldar Søreide, Stavanger University Hospital, Norway

Quality, safety, and error reporting
Karolina Peltomaa, Vaasa Hospital District, Finland
Wednesday 28 August 2013
15:30–17:00

LOGI 1

NEUROANAESTHESIA FOR DUMMIES
CHAIRS: Gunnar Bentsen, Oslo University Hospital, Norway & Riikka Takala, Turku University Hospital, Finland

Principles of neuroanaesthesia
Tomi Niemi, Helsinki University Central Hospital, Finland

Traumatic brain injury: Importance of intraoperative period
Deepak Sharma, University of Washington, USA

Update in angiography suite procedures
Riitta Rautio, Turku University Hospital, Finland

Wednesday 28 August 2013
15:30–17:00

MOVE 2

OBSTETRIC ANAESTHESIA
CHAIRS: Marja-Leena Jaakola, Turku University Hospital, Finland & Wendy Teoh, KK Women’s & Children’s Hospital, Singapore

Blood pressure and cardiac output changes during Cesarean delivery
Leiv Arne Rosseland, Oslo University Hospital, Norway

Anaesthesia in maternal obesity
Marja-Leena Jaakola, Turku University Hospital, Finland

HELPP syndrome
Hans Søren Helbo-Hansen, Odense University Hospital, Denmark
AKI
CHAIRS: Michael Joannidis, Medical University Innsbruck, Austria & Ville Pettilä, University of Helsinki, Finland

Incidence and outcome of AKI – Results of the FINNAKI study
Sara Nisula, Helsinki University Central Hospital, Finland

Urinary biomarkers in acute kidney injury
Max Bell, Karolinska Institutet, Sweden

Aging and AKI – Future perspectives
Michael Joannidis, Medical University Innsbruck, Austria

Xenon
CHAIRS: Michael Alkire, University of California, USA & Harry Scheinin, University of Turku, Finland

Translating neuroprotection to the clinical setting
David K Menon, University of Cambridge, UK

Molecular and cellular mechanisms of Xenon neuroprotection
Nick Franks, Imperial College London, UK

Xenon in combination with therapeutic hypothermia after cardiac arrest – A progress report
Timo Laitio, Turku University Hospital, Finland

RENAL REPLACEMENT THERAPY
CHAIRS: Max Bell, Karolinska Institutet, Sweden & Ville Pettilä, University of Helsinki, Finland

Timing of RRT
Michael Joannidis, Medical University Innsbruck, Austria

Modality and dose of RRT
Anna-Maija Korhonen, Helsinki University Central Hospital, Finland

Long-term outcome after RRT
Suvi Vaara, Helsinki University Central Hospital, Finland
Wednesday 28 August 2013
08:30–10:00

PUTTING IT ALL TOGETHER - THE QUALITY OF CPR
CHAIRS: Sanna Hoppu, Tampere University Hospital, Finland & Eldar Søreide, Stavanger University Hospital, Norway

Improving chain of survival – what are the critical points?
Jo Kramer-Johansen, Oslo University Hospital, Norway

Will technical gadgets improve the outcome of cardiac arrest patients?
Lars Wik, Oslo University Hospital, Norway

Cardiac arrest and emergency medical dispatch – can we do better?
Tom Silfvast, Helsinki University Central Hospital, Finland

Wednesday 28 August 2013
10:30–12:00

NEUROTRAUMA
CHAIRS: Ari Katila, Turku University Hospital, Finland & Riikka Takala, Turku University Hospital, Finland

To intubate or not to intubate? Dilemma in treating neurological hazard
Hans Morten Lossius, Norwegian Air Ambulance Foundation, Norway

Systemic sequelae caused by traumatic brain injury
Maarit Lång, Kuopio University Hospital, Finland

Comparing GCS to FOUR Score
Steven Laureys, University of Liège, Belgium

Wednesday 28 August 2013
15:30–17:00

THERAPEUTIC HYPOTHERMIA IN EMERGENCY MEDICINE – IS IT WORTH THE EFFORT
CHAIRS: Tom Silfvast, Helsinki University Central Hospital, Finland & Eldar Søreide, Stavanger University Hospital, Norway

Therapeutic hypothermia during resuscitation
Maaret Castrén, University of Turku, Finland and Karolinska Institutet, Sweden

Treatment after cardiac arrest
Sten Rubertsson, Uppsala University, Sweden

Neurologic evaluation after resuscitation
Tarek Sharshar, Hôpital Raymond Poincaré, France
Wednesday 28 August 2013
10:30–12:00

EVIDENCE-BASED PAIN MANAGEMENT: ICU, EMERGENCY CARE, WARDS
CHAIRS: Ole Mathiesen, Rigshospitalet, Denmark & Helena Leino-Kilpi, University of Turku, Finland

Patient-Nurse relationship in ICU pain management
Åsa Engström, Luleå University of Technology, Sweden

Evidence of pain care based on documents
Sanna Salanterä, University of Turku, Finland

Analgesia and sedation of mechanically ventilated patients – the effects of introducing a systematic approach
Hilde Wøien, Oslo University Hospital, Norway
EDUCATIONAL COMMITTEE: TEACHING AND LEARNING IN WORKPLACE
CHAIRS: Jannicke Mellin-Olsen, Baerum Hospital, Norway & Leila Niemi-Murola, University of Helsinki, Finland

The new European guidelines – the European perspective
Jannicke Mellin-Olsen, Baerum Hospital, Norway

Assessment drives learning
Leila Niemi-Murola, University of Helsinki, Finland

HYBERBARIC OXYGEN
CHAIRS: Helene Seeman-Lodding, Sahlgrenska University Hospital, Sweden & Mika Valtonen, Turku University Hospital, Finland

HBOT in the critically ill necrotizing fasciitis patient – mechanisms and clinical evidence
Folke Lind, Karolinska University Hospital, Sweden

Bubble trouble-decompression sickness and HBOT
Jari Suvilehto, Medioxygen, Finland

Carbon monoxide poisoning and HBOT – still controversial?
Olli Arola, Turku University Hospital, Finland

LEADERSHIP
CHAIRS: Janne Aaltonen, HYKSin Ltd, Finland & Hans Kirkegaard, Aarhus University Hospital, Denmark

How to operate a healthcare system – what makes a healthcare system efficient and good quality?
Mats Brommels, Karolinska Institutet, Sweden

Anesthesiologist as a Chief Medical Officer – what does CMO do and how anesthesiologist deals with it?
Ermo Haavisto, Carea – Kymenlaakso Social and Health Services, Finland

How to run OR efficiently – what differentiates more and less efficient surgical departments?
Paulus Torkki, Aalto University, Finland
Wednesday 28 August 2013
08:30–10:00
SIMULATION 11

Paediatric emergencies
Olli Vänttinen, Turku University Hospital, Finland & Ville Pyylämpi, Turku University Hospital, Finland

Wednesday 28 August 2013
08:30–10:00
SIMULATION 12

Prehospital emergencies
Olli Väisänen, GE Healthcare, Finland & Juhana Hallikainen, Helsinki University Central Hospital, Finland

Wednesday 28 August 2013
10:30–12:00
SIMULATION 13

Operation room simulation
Miretta Tommila, Turku University Hospital, Finland & Johanna Kangassalo, Turku University Hospital, Finland

Wednesday 28 August 2013
10:30–12:00
SIMULATION 14

ICU emergencies
Sanna Hoppu, Tampere University Hospital, Finland & Ville Jalkanen, Tampere University Hospital, Finland

Wednesday 28 August 2013
13:30–15:00
SIMULATION 15

Neonatal resuscitation and stabilisation
Hanna Soukka, Turku University Hospital, Finland & Kalle Korhonen, Turku University Hospital, Finland

Wednesday 28 August 2013
13:30–15:00
SIMULATION 16

ICU emergencies
Sanna Hoppu, Tampere University Hospital, Finland & Ville Jalkanen, Tampere University Hospital, Finland
SIMULATION 17

Operation room simulation
Miretta Tommila, Turku University Hospital, Finland & Johanna Kangassalo, Turku University Hospital, Finland

SIMULATION 18

Prehospital emergencies
Olli Väisänen, GE Healthcare, Finland & Juhana Hallikainen, Helsinki University Central Hospital, Finland
Hands-on Sessions

Wednesday 28 August 2013
08:30–10:00

HANDS-ON 11: ULTRASOUND IN REGIONAL ANAESTHESIA

Lecture: Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland

Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland

Lower extremity
Pekka Tarkkila, Helsinki University Central Hospital, Finland

Upper extremity
Kari Annala, Koskiklinikka, Finland

Wednesday 28 August 2013
08:30–10:00

HANDS-ON 12: NEUROMONITORING: TCD
Deepak Sharma, University of Washington, USA & Ari Katila, Turku University Hospital, Finland

Wednesday 28 August 2013
10:30–12:00

HANDS-ON 13: COAGULATION
Alexey Schramko, Helsinki University Central Hospital, Finland, Noora Tirkkonen, Triolab, Finland & Jerry Engström, Triolab, Sweden

Wednesday 28 August 2013
10:30–12:30

HANDS-ON 14: AIRWAY (10:30-12:30)

Wednesday 28 August 2013
13:30–15:00

HANDS-ON 15: ULTRASOUND IN REGIONAL ANAESTHESIA

Lecture: Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland

Trunk blocks
Hannu Kokki, University of Eastern Finland, Finland

Lower extremity
Pekka Tarkkila, Helsinki University Central Hospital, Finland

Upper extremity
Kari Annala, Koskiklinikka, Finland
Wednesday 28 August 2013
13:30–15:00

HANDS-ON 16: NEUROMONITORING: ICP & MICRODIALYSIS
David K Menon, University of Cambridge, UK

Wednesday 28 August 2013
15:30–17:00

HANDS-ON 17: ULTRASOUND IN ABCD – FATE, FAST AND LUNG
Erik Sloth, Lars Knudsen & Thomas Dahl Nielsen
Aarhus University Hospital, Denmark

Wednesday 28 August 2013
15:30–17:00

HANDS-ON 18: VENTILATOR MANAGEMENT OF CHILDREN HAVING BRONCHOPULMONARY DYSPLASIA
Leif Nelin, Nationwide Children’s Hospital / The Ohio State University, USA, Ed Shepherd, Nationwide Children’s Hospital / The Ohio State University, USA & Brandon Kuehne, Nationwide Children’s Hospital, USA
Wednesday 28 August 2013
10:30–12:00

ACTA BEST ABSTRACTS PRIZE COMPETITION
CHAIRS: Lars Rasmussen, Rigshospitalet, Denmark & Palle Toft, Odense University Hospital, Denmark

**O1 CONTINUOUS WOUND INFILTRATION WITH ROPIVACAINE FOR POST-OPERATIVE ANALGESIA AFTER CAESAREAN SECTION: A PROSPECTIVE, RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL**
Matti Reinikainen (1), Sakari Syväoja (1), Kaisu Hara (2)
North Karelia Central Hospital, Department of Anaesthesiology and Intensive Care, Joensuu, Finland (1), North Karelia Central Hospital, Department of Obstetrics and Gynaecology, Joensuu, Finland (2)

**O2 ARTERIAL HYPEROXIA IS NOT ASSOCIATED WITH AN INCREASED MORTALITY IN PATIENTS WITH TRAUMATIC BRAIN INJURY: A NATIONAL PROSPECTIVE MULTICENTER OBSERVATIONAL STUDY**
Rahul Raj (1), Jari Siironen (1), Riku Kivisaari (1), Stepani Bendel (2), Matti Reinikainen (3), Markus Skrifvars (4,1)
Helsinki University Central Hospital, Department of Neurosurgery, Helsinki, Finland (1), Kuopio University Hospital and Kuopio University, Department of Intensive Care, Kuopio, Finland (2), North Karelia Central Hospital, Department of Intensive Care, Joensuu, Finland (3), Helsinki University Central Hospital, Department of Anesthesiology and Intensive Care Medicine, Helsinki, Finland (4)

**O3 INTRAHOSPITAL DELAY IN COILING OF INTRACRANIAL ANEURYSMS: THE DOOR-TO-CATH STUDY**
Peter Martin Hansen (1), Rikke Neess Pedersen (2)
Odense University Hospital, Odense, Denmark (1), Hans Christian Andersen Children's Hospital, Odense, Denmark (2)

**O4 PENTRAxin3 IN PATIENTS RESUSCITATED FROM OUT-OF-HOSPITAL CARDIAC ARREST**
Giuseppe Ristagno (1), Barbara Botazzi (4), Jukka Vaahersalo (3), Marco Greco (4), Jouni Kurola (2), Tero Varpula (3), Alberto Mantovani (4), Roberto Latini (1), Ville Pettitälä (3), Markus Skrifvars (3)
Mario Negri Institute, Milan, Italy (1), Kuopio University Hospital, Kuopio, Finland (2), Helsinki University Hospital, Helsinki, Finland (3), Humanitas Clinical and Reserach Center, Milan, Italy (4)

**O5 STRESS ULCER PROPHYLAXIS VERSUS PLACEBO IN CRITICALLY ILL PATIENTS. A SYSTEMATIC REVIEW OF RANDOMISED CLINICAL TRIALS WITH META-ANALYSIS AND TRIAL SEQUENTIAL ANALYSIS**
Mette Krag (1), Anders Perner (1), Jørn Wetterslev (2), Matt Wise (3), Morten Hylander Møller (1)
Copenhagen University Hospital Rigshospitalet, Dept. of Intensive Care, Copenhagen, Denmark (1), Copenhagen University Hospital Rigshospitalet, Copenhagen Trial Unit, Centre for Clinical Intervention Research, Copenhagen, Denmark (2), University Hospital of Wales, Dept. of Adult Critical Care, Cardiff, UK (3)
Wednesday 28 August 2013
13:30–15:00

POSTERS 9 INTENSIVE CARE MEDICINE
CHAIRS: Alma Möller, Landspitali University Hospital, Iceland & Tero Varpula, Hospital District of Helsinki and Uusimaa, Finland

P9.1 THE EFFECTS OF DEXTRAN-70 ON MORTALITY AND KIDNEY FUNCTION IN PATIENTS WITH SEPTIC SHOCK
Anders Mølgaard Rasmussen (2), Rasmus Jakobsen (2), Thomas Strøm (1), Marcela Carlsson (1), Bjarne Dahler-Eriksen (1), Palle Toft (1)
Department of Anesthesia and Intensive Care Medicine, Odense University Hospital, Odense, Denmark (1), University of Southern Denmark, Odense, Denmark (2)

P9.2 GENDER DIFFERENCES IN RANDOMIZED CONTROLLED TRIALS IN INTENSIVE CARE UNITS. A STATISTICALLY RELEVANT PROBLEM?
Mette Lind Kristensen (1,2), Therese Vestergaard Risom (1), Hans Henrik Bulow (1)
Department of Anaesthesia, Holbæk Sygehus, DK-4300 Holbæk, Denmark (1), Department of Anaesthesia, Herlev Hospital, DK-2730 Herlev, Denmark (2)

P9.3 PREVALENCE OF NEUROGENIC PULMONARY EDEMA IN HEAD INJURY PATIENTS
Erasmus E. Okello (1), Janat Tumukunde (1), Alex Muhindo (2), Sam Kalungi (2), Arthur Kwizera (1)
Makerere University College Of Health Sciences, Kampala, Central Uganda, Uganda (1), Mulago National Referral And Teaching Hospital, Kampala, Central Uganda, Uganda (2)

P9.4 TIME FROM ONSET OF SYMPTOMS TO MEDICAL PRESENCE AT THE FIRST AND AT THE SECOND MYOCARDIAL INFARCTION: A COMPARATIVE STUDY
Ulrica Strömbäck, Irene Vikman, Dan Lundblad, Åsa Engström
Department of Health Science, Luleå, Sweden

P9.5 HIGH-DOSE STEROID-INDUCED MYOPATHY IN PATIENTS DURING MECHANICAL VENTILATION IN THE ICU
Henrik Hoffmeyer, Heidi Eddelien, Anne Øberg Lauritsen
Department of anesthesiology, University of Copenhagen, Glostrup Hospital, Glostrup, Denmark

P9.6 ICU PATIENTS IN SHOCK DID NOT FULFIL THE PREREQUISITES FOR THE ARTERIAL WAVEFORM-DERIVED DIAGNOSTIC TEST OF HYPOVOLEMA. Louise Inkeri Hennings, Nicolai Haase, Ulf G. Pedersen, Anders Perner
Department of Intensive Care, Copenhagen University Hospital, Rigshospitalet, 2100 Copenhagen, Denmark

P9.7 UNRAVELLING OXYGEN TRANSPORT RELATIONSHIPS IN CRITICALLY ILL CHILDREN
Gustavo La Rotta (1,2), Cormac Breatnach (1,3), Alvise Tосoni (1,2), Vijay Anand (1,2), Celeste Foreman (1,2), Leanne Davidson (1,2), Andrew Redington (1,2), Brian Kavanagh (1,2)
The Hospital for Sick Children, Toronto, Ontario, Canada (1), The University of Toronto, Toronto, Ontario, Canada (2), Our Lady's Children's Hospital, Crumlin, Dublin, Ireland (3)
Wednesday 28 August 2013
13:30–15:00

POSTERS 10 NEUROSCIENCE
CHAIRS: Nick Franks, Imperial College London, UK & Tomi Niemi, Helsinki University Central Hospital, Finland

P10.1 COMPARISON OF EXPRESSION OF INFLAMMATORY CYTOKINES IN THE SPINAL CORD BETWEEN THE ADULT AND AGED BEAGLE DOGS
Jun Hwi Cho (1,2), Chan Woo Park (2), Hui Young Lee (1,2), Moo Ho Won (1), Yoon Sung Kim (1), Joon Ho Bae (1)
Kangwon National University, Chuncheonsi, Gangwondo, Republic of Korea (1), Kangwon National University Hospital, Chuncheonsi, Gangwondo, Republic of Korea (2)

P10.2 NEURONAL DAMAGE USING FLUORO-JADE B HISTOFUORESCENCE AND GLIOSIS IN THE SOMATOSENSORY CORTEX INDUCED BY VARIOUS DURATIONS OF TRANSIENT CEREBRAL ISCHEMIA IN GERBILS
Hui Young Lee (1,2), Chan Woo Park (2), Jun Hwi Cho (1,2), Moo Ho Won (1), Yoon Sung Kim (1), Joon Ho Bae (1)
Kangwon National University, Chuncheonsi, Gangwondo, Republic of Korea (1), Kangwon National University Hospital, Chuncheonsi, Gangwondo, Republic of Korea (2)

P10.3 DIFFERENCES OF CALCIUM BINDING PROTEINS IMMUNOREACTIVITIES IN THE YOUNG HIPPOCAMPAL CA1 REGION FROM THE ADULT FOLLOWING TRANSIENT ISCHEMIC DAMAGE
Chan Woo Park (2), Hui Young Lee (1,2), Jun Hwi Cho (1,2), Moo Ho Won (1), Yoon Sung Kim (1), Joon Ho Bae (1)
Kangwon National University, Chuncheonsi, Gangwondo, Republic of Korea (1), Kangwon National University Hospital, Chuncheonsi, Gangwondo, Republic of Korea (2)

P10.4 NEUROPROTECTIVE EFFECT OF A NEW SYNTHETIC ASPIRIN-DECURSINOL ADDUCT IN A RAT MODEL OF ISCHEMIC STROKE
Hui Young Lee (1,2), Chan Woo Park (2), Jun Hwi Cho (1,2), Moo Ho Won (1), Yoon Sung Kim (1), Joon Ho Bae (1)
Kangwon National University, Chuncheonsi, Gangwondo, Republic of Korea (1), Kangwon National University Hospital, Chuncheonsi, Gangwondo, Republic of Korea (2)

P10.5 AGGRESSIVE COMBINED ENDOVASCULAR AND NEUROSURGICAL TREATMENT OF CEREBRAL VENOUS-THROMBOSIS EXPERIENCE FROM NINE PATIENTS
Margit Stilling, Frantz Rom Poulsen, Lisbeth Høgedahl, Peter Birkeland, Mette Schulz, Jørgen Nepper Rasmussen
Odense University Hospital, Odense, Denmark

P10.6 ACUTE HORMONAL CHANGES AFTER ANEURYSMAL SUBARACHNOID HAEMORRHAGE
Riikka Takala, Dan Laukka, Tuukka Pölönen, Anna Kotkansalo, Melissa Rahi, Matti Sankinen, Ari Katila, Jaakko Rinne
University of Turku, Turku, Finland
P10.7 SELENIUM THERAPY CONTROLS THE OXIDATIVE STRESS LEVEL IN PATIENTS WITH TRAUMATIC BRAIN INJURY
Irina Savvina (1), Hasaybat Nucalova (2), Maria Astaeva (2)
Russian Polenov’s Neurosurgical Institute, St.Petersburg, Russia (1), Mahachkala Regional Hospital, Mahachkala, Dagestan Republic, Russia (2)

P10.8 FUNCTIONAL STATUS PREDICTS SHORT-TERM OUTCOME IN ELECTIVE NEUROSURGERY: A PROSPECTIVE STUDY OF 418 CONSECUTIVE CRANIOTOMY PATIENTS
Elina Reponen (1), Hanna Tuominen (1), Miikka Korja (2)
University of Helsinki, Department of Anaesthesiology and Intensive Care Medicine, Helsinki, Finland (1), University of Helsinki, Department of Neurosurgery, Helsinki, Finland (2)
Wednesday 28 August 2013
13:30–15:00

POSTERS 11 CLINICAL ANAESTHESIA II
CHAIRS: Michael Alkire, University of California, USA & Kaike Kaisti, Northern Ostrobothnia Hospital District, Finland

P11.1 COMPARISON OF CARDIOVASCULAR RESPONSES MEASURED WITH VIGILEO-FLOTRAC DEVICE TO PROPOFOL OR ETOMIDATE WITH REMIFENTANIL FOR THE INDUCTION OF GENERAL ANESTHESIA
Jung Un Lee, Chae Seong Lim, Jae Kook Kim, Wang Yong Lee
Chungnam National University, Daejeon, Republic of Korea

P11.2 GOAL-DIRECTED HAEMODYNAMIC TREATMENT IN ELDERLY WITH HIP-FRACTURE - PREDICTORS OF HAEMODYNAMIC RESPONSES AND POSTOPERATIVE COMPLICATIONS
Erzsebet Bartha, Annika Imnell, Sigridur Kalman
Karolinska Institute, CLINTEC, Div. of Anaesthesiology, Stockholm, Huddinge, Sweden

P11.3 A CASE OF POEMS SYNDROME WITH RESPIRATORY FAILURE DUE TO PULMONARY OEDEMA AND EFFUSION AFTER GENERAL ANESTHESIA
Jin Huh, Jeewon Chang
Seoul Municipal Boramae Hospital, Seoul, Republic of Korea

P11.4 ANAESTHETISTS VS. NON-ANAESTHETISTS; INTER-RATER VARIABILITY IN ASA PS RISK ASSESSMENT
Michael Helbo Bøndergaard
Horsens Regional Hospital, Horsens, Denmark

P11.5 FOCUS ASSESSED TRANSTHORACIC ECHOCARDIOGRAPHY FOR PREOPERATIVE ASSESSMENT IN PATIENTS SCHEDULED FOR ACUTE SURGERY
Morten Thingemann Bøtker (1,2), Christian Alcaraz Frederiksen (2), Marianne Krogh Lauridsen Vang (1), Thorbjørn Grofte (1), Erik Sloth (2)
Regional Hospital of Randers, Department of Anaesthesiology, Randers, Denmark (1), Aarhus University Hospital, Department of Anaesthesiology and Intensive Care, Skejby, Denmark (2)

P11.6 EFFECTS OF NECK COMPRESSION DISTAL TO CANNULATION SITE ON DIAMETER OF THE INTERNAL JUGULAR VEIN
Taewan Lim, Young Ri Kim, Kyung-mi Kim
Hallym University Dongtan Sacred Heart Hospital, Hwaseong, Republic of Korea

P11.7 POSTOPERATIVE SORE THROAT AND HOARSENESS IN DIFFERENT TEXTURES OF DOUBLE-LUMEN ENDOBRONCHIAL TUBE
Wonjung Hwang, Junpyo Jeon
Seoul St. Mary’s hospital, Seoul, Republic of Korea

P11.8 STRESS RESPONSE DIFFERENCES ON TWO TYPES OF ANESTHESIA IN CEREBRAL ANEURISMSURGERY
Branislava Baljozovic (1), Dragana Vicovac (1), Vladimir Puzovic (2), Mila Stosic (1), Branko Milakovic (1), Valentina Alekovic (1), Mladen Dostanic (1), Andreja Baljozovic (3)
Clinical Center of Belgrade, Clinic of Neurosurgery, Department of Anaesthesia, Belgrade, Serbia (1), Faculty of Medical Science, Department of Physiology, University of Kragujevac, Kragujevac, Serbia (2), Faculty of Medicine, University of Belgrade, Belgrade, Serbia (3)
Wednesday 28 August 2013
13:30–15:00

POSTERS 12 OBSTETRIC ANAESTHESIA II
CHAIRS: Hans-Søren Helbo-Hansen, Odense University Hospital, Denmark & Leiv Arne Rosseland, Oslo University Hospital, Norway

P12.1 ULTRASONOGRAPHICAL ESTIMATED DEPTH TO THE EPIDURAL SPACE IN OBSTETRIC PATIENTS: MEASUREMENTS IN THE SITTING VS THE LATERAL RECUMBENT POSITION
Christopher Orhagen (1), Søren Helboe Hansen (2), Elin Bjørnestad (1), Gabriele Leonie Schwarz (1) Haukeland Universitetssykehus, Bergen, Norway (1), Odense Universitetssykehus, Odense, Denmark (2)

P12.2 LABOUR ANALGESIA FOR PARTURIENTS WITH MOYAMOYA DISEASE
Kenkichi Kiyosawa (1), Yuki Hosokawa (2), Rie Kato (2), Toshiyuki Okutomi (2) Shinsyu University, Matsumoto, Japan (1), Kitasato University, Sagamihara, Japan (2)

P12.3 GENERAL ANAESTHESIA IN A PARTURIENT WITH SEVERE RESPIRATORY RESTRICTIVITY DUE TO SPINAL MUSCULAR ATROPHY TYPE 2 AND DIFFICULT AIRWAY
Janis Gotsis (1,2), Jan Persson (1,2) Karolinska University Hospital, Stockholm, Sweden (1), Department of Anaesthesia & Intensive Care, Stockholm, Sweden (2)

P12.4 THE INCIDENCE OF PREGNANT AND POSTPARTUM WOMEN FULFILLING THE CRITERIA FOR MATERNAL CRITICAL CARE LEVEL 2 AND 3 IN A TERTIARY HOSPITAL
Bjørn Mygil, Hans Søren Helbo-Hansen Odense University Hospital, 5000 Odense C, Denmark

P12.5 EARLY POSTPARTUM MITRAL VALVE THROMBOSIS REQUIRING EXTRA CORPOREAL MEMBRANE OXYGENATING TREATMENT (ECMO) BEFORE SUCCESSFUL VALVE REPLACEMENT
Halla Halldorsdottir, Johan Nordström, Maria Majczuk Sennström, Eva Matsson Karolinska University Hospital, Stockholm, Sweden

P12.6 FAILED INTUBATION IN OBSTETRICS REGISTERED IN THE DANISH ANESTHESIA DATABASE
Mette Gøtge Madsen, Lars Hyldborg Lundstrøm, Anders Kehlet Nørskov, Charlotte Vallentin Rosenstock Hillerød Hospital, Hillerød, Denmark

P12.7 ACUTE RAPIDLY PROGRESSING RESPIRATORY FAILURE IN PREGNANCY OF UNCERTAIN CAUSE FOLLOWED BY RAPID RECOVERY AFTER 2 DAYS TREATMENT WITH EXTRACORPOREAL MEMBRANE OXYGENATION
Haydar Al Shaalan Aalborg University Hospital, Anæstesi ord, Aalborg, Denmark

P12.8 ANAESTHESIOLOGISTS EDUCATION IN NEONATAL RESUSCITATION IN NORWAY: HOW IT WORKS AND HOW TO IMPROVE IT
Francesco Vivaldi Bærum Hospital, VVHF, Rud, Norway
32nd SSAI Congress
Turku, Finland
26-29 August 2013

Thursday, 29 August 2013
Thursday 29 August 2013
08:30–10:00

PATIENT SAFETY IN ANAESTHESIA II
CHAIRS: Sanna Salanterä, University of Turku, Finland & Riikka Takala, Turku University Hospital, Finland

Crucial information needs of ICU shift leaders – a base for resource planning with information technology
Heljä Lundgren-Laine, University of Turku and Turku University Hospital, Finland

Managing patient deterioration: early warning systems and acute care training initiatives
Jenny McGaughey, Queen’s University of Belfast, UK

Knowledge management and patient safety
Kristiina Junttila, Hospital District of Helsinki and Uusimaa, Finland

Thursday 29 August 2013
10:30–12:00

REGIONAL ANAESTHESIA
CHAIRS: Ole Mathiesen, Rigshospitalet, Denmark & Pekka Tarkkila, Helsinki University Central Hospital, Finland

Postoperative analgesia after total knee arthroplasty – epidural - peripheral blocks – LIA
Ole Mathiesen, Rigshospitalet, Denmark

Efficacy of wound catheters for postoperative pain management
Vesa Kontinen, Helsinki University Central Hospital, Finland

Obesity and regional anaesthesia
Johannes Förster, Orthopaedic Hospital Orton, Finland
Thursday 29 August 2013
08:30–10:00
LOGI 1

SLEEP AND SEDATION IN ICU
CHAIRS: Riku Aantaa, Turku University Hospital, Finland & Palle Toft, Odense University Hospital, Denmark

Sleep in ICU
Marita Ritmala-Castrén, Helsinki University Central Hospital, Finland

No sedation in ICU
Thomas Strøm, Odense University Hospital, Denmark

Dexmedetomidine
Riku Aantaa, Turku University Hospital, Finland

Thursday 29 August 2013
10:30–12:00
LOGI 1

BRONCHOPULMONARY DYSPLASIA IN INFANTS
CHAIRS: Leal G Segura, Mayo Clinic, USA & Hanna Soukka, Turku University Hospital, Finland

Ventilation strategies in preterm infants with severe bronchopulmonary dysplasia
Leif Nelin, Nationwide Children's Hospital / The Ohio State University, USA

How can we develop care of preterm infants with chronic bronchopulmonary dysplasia to improve outcomes?
Ed Shepherd, Nationwide Children's Hospital / The Ohio State University, USA

New research and experience on NAVA ventilation in preterm infants
Liisa Lehtonen, University of Turku and Turku University Hospital, Finland
Thursday 29 August 2013
10:30–12:00

TRAUMA PATIENTS IN EMERGENCY MEDICINE – SHOULD WE STAY AND PLAY OR SCOOP AND RUN?
CHAIRS: Pertti Suominen, Helsinki University Central Hospital, Finland & Knut Ole Sundnes, Norwegian Armed Forces, Norway

Stabilisation of trauma patients in the field
Hans Morten Lossius, Norwegian Air Ambulance Foundation, Norway

Strategy for initial assessment and treatment of trauma patients
Lauri Handolin, Helsinki University Central Hospital, Finland

Stabilisation of trauma patients: By teams or experts, or teams of experts?
Torben Wisborg, University of Tromsø, Norway
Thursday 29 August 2013
08:30–10:00

SPECIAL TECHNIQUES IN PAIN MANAGEMENT
CHAIRS: Tuula Manner, Turku University Hospital, Finland & Jan Persson, Karolinska University Hospital, Sweden

Spinal cord stimulation in the management of refractory angina pectoris
Mike JL. De Jongste, University Medical Center Groningen, The Netherlands

Spinal cord stimulation in the management of peripheral vascular disease
Mike JL. De Jongste, University Medical Center Groningen, The Netherlands

Spinal cord stimulation in the management of neuropathic pain
Jukka Pekka Kouri, Orton Hospital, Finland
Index of Presenters

A
Aantaa Riku 83
Alkire Michael 48
Al Shaal Alan Haydar 79
Andersen Johnny D. H. 44, 60
Andrijauskas Audrius 53
Annala Kari 39, 72
Arola Olli 69
Asakura Yusuke 61

B
Baljozovic Branislava 78
Bell Max 66
Bentsen Gunnar 64
Bjørshol Conrad Arnfinn 41
Brommels Mats 69
Bøndergaard Michael Helbo 78
Bøtker Morten Thingemann 78

C
Castrén Maaret 35, 67
Chang Jeeeun 78
Chong Chin Ted 56, 60
Critchley Lester 44

D
Dahl Vegard 46
De Jongste Mike JL. 85
Dohgomori Hiroshi 59

E
Ekelund Kim 42, 56
Elshove-Bolk Jolande 56
Engström Jerry 55, 72
Engström Åsa 35, 68
Eriksson Lars I 48
Espelund Malene 40
Evansa Irina 40, 53

F
Fihlman Mari 45
Franks Nick 48, 66
Fujiwara Shigeki 43
Förster Johannes 82

G
Gisvold Sven E 32
Gotsis Janis 79
Gutormsen Anne Berit 33

H
Haavisto Ermo 69
Halldorssottir Halla 79
Hallikainen Juhana 38, 41, 70, 71
Handolin Lauri 84
Haney Michael 53
Hansen Peter Martin 74
Hansen Tom 64
Hatting Nikolaj 59
Helbo-Hansen Hans Søren 65
Henneberg Steen 52
Hennings Louise Inkeri 75
Herodes Veiko 40
Hirokawa Jun 57
Hoffmeyer Henrik 75
Hopppu Sanna 38, 54, 70
Houborg Karina Bækby 56
Hwang Wonjung 78
Hylander Møller Morten 33, 74

I
Ilmakunnas Minna 32

J
Jaakola Marja-Leena 65
Jalkanen Ville 38, 54, 70
Joannidis Michael 66
Jovaïsa Tomas 42
Junttila Kristiina 82
Jäntti Ville 44
Jääskeläinen Satu 36

K
Kainu Petter 56
Kaisti Kaike 64
Kallio Helena 61
Kalman Sigridur 33, 78
Kalra Seema 58
Kamata Kotoe 43
Kangassalo Johanna 38, 54, 70, 71
Karlsson Hasse  36
Karlsson Sari  33
Katila Ari  39, 72
Kim Eunyoung  40, 46
Kim Jin Joo  59
Kim Yoon Sung  76
Kirveskari Erika  36
Kiyosawa Kenkichi  79
Knudsen Lars  39, 55, 73
Kokki Hannu  39, 72
Kokki Merja  45
Kontinen Vesa  82
Korhonen Anna-Maija  66
Korhonen Kalle  38, 54, 70
Kouri Jukka Peeka  85
Kramer-Johansen Jo  67
Kristensen Mette Lind  75
Kristensen Michael Seltz  37
Kuehne Brandon  55, 73
Kurittu Jussi  39
Kuttambakam Hari  57

M
Madsen Mette Gøttge  79
Manner Tuula  64
Manser Tanja  64
Mathiesen Ole  82
McGaughhey Jenny  82
Mellin-Olsen Jannicke  69
Menon David K  39, 50, 66, 73
Mikkelsson Marja  52
Mustonen Pirjo  32
Mygil Bjørn  79

N
Nelin Leif  55, 73, 83
Nielsen Niklas  33
Nielsen Thomas Dahl  39, 55, 73
Niemi Tomi  53, 65
Niemi-Murola Leila  41, 69
Nikula Anna  35
Nishiyama Tomoki  43
Nisula Sara  66
Norkiene Ieva  58
Novacek Martin  45, 61

O
Okello Erasmus E.  75
Olkkola Klaus  49
Olsson Gunnar  52
Orhagen Christopher  79

P
Peltomaa Karolina  64
Perner Anders  33
Persson Jan  49
Petersen Pernille  61
Pettiaux Ville  33, 53
Puhto Terhi  56
Pyylampi Ville  38, 54, 70

R
Raatniemi Lasse  59
Raj Rahul  74
Rasmussen Anders Mølgaard  75
Index of Presenters

Rautio Riitta 65
Reinikainen Matti 74
Reponen Elina 77
Revonsuo Antti 48
Ritma-Castrén Marita 83
Rosén Ingmar 50
Rosseland Leiv Arne 65
Rovsing Louise 41
Rubertsson Sten 67

S
Saari Teijo 45, 49
Saarikoski Tuukka 45
Sakdanuwatwong Supalak 42
Salanterä Sanna 68
Savvina Irina 77
Schleutker Johanna 36
Schramko Alexey 39, 53, 55, 72
Segura Leal G 64
Sellevold Olav 32
Sharma Deepak 35, 39, 65, 72
Sharshar Tarek 33, 50, 67
Shepherd Ed 55, 73, 83
Silfvast Tom 67
Skrifvars Markus 74
Sloth Erik 39, 53, 55, 73
Smitt Margit 57
Sodsee Wanida 40
Sollid Stephen J. M. 41
Soukka Hanna 38, 54, 70
Staehr-Rye Anne K. 57
Starkopf Joel 53
Stenseth Roar 32
Stilling Margit 76
Strøm Thomas 83
Strømbäck Ulrica 75
Sundnes Knut Ole 51
Suominen Pertti 35
Suvellehto Jari 69
Søreide Eldar 64
Sørensen Henrik 43

T
Takala Annika 40
Takala Jukka 33, 34
Takala Riikka 76
Tarkkila Pekka 39, 72
Tenovuo Olli 50
Tirkkonen Noora 39, 55, 72
Toft Palle 33
Tommila Miretta 38, 54, 70, 71
Torkki Paulus 69
Tosh William 58

V
Vaara Suvi 66
Vagner Helle 59
Varpula Tero 34
Vested Madsen Matias 43
Vivaldi Francesco 79
Väisänen Olli 38, 70, 71
Vänttinen Olli 38, 54, 70
Väänänen Antti 56

W
Walter Silke 35
Wik Lars 67
Wisborg Torben 59, 84
Woien Hilde 68

Y
Yang Hong-seuk 57

Z
Zwisler Stine 40
**SSAI 2013**

**Turku, 26 - 29 August 2013**

**Venues**
1. Logomo, Congress venue  
   Address: Köydenpunojankatu 14
2. Morning Run, starting place  
   Address: Vähätori
3. M/S Lily, Evening Cruise  
   Address: Läntinen Rantakatu 35
4. M/S Rudolfina, Evening Cruise  
   Address: Läntinen Rantakatu
5. Luostarinmäki Handicrafts Museum, Museum Tour  
   Address: Vartiovuorenkatu 2
6. Brewery Restaurant Koulu, Dinner Party  
   Address: Eerikinkatu 18
7. Bus stop, bus No. 61 to Logomo
8. Bus stop, bus No. 20 to Logomo

**Congress hotels**
1. H1 Radisson Blu Marina Palace  
   Address: Linnankatu 32
2. H2 Centro Hotel  
   Address: Yliopistonkatu 12a
3. H3 Sokos Hotel Hamburger Börs  
   Address: Kauppiaskatu 6
4. H4 Sokos Hotel City Börs  
   Address: Eerikinkatu 11
5. H5 Scandic Hotel Julia  
   Address: Eerikinkatu 4
6. H6 Holiday Inn  
   Address: Eerikinkatu 28
7. H7 Scandic Hotel Plaza  
   Address: Yliopistonkatu 29

**Stations**
1. S1 Main railway station
2. S2 Bus station
3. S3 Kupittaa railway station
4. S4 Ferry harbour

---

Pedestrian route from Market Square to Logomo
Dräger Evita V300.
More options, easier decisions.

Please visit us at SSAI 2013, Booth No. 30

www.draeger.com/EvitaV300