YOU’VE ONLY JUST ARRIVED & ALREADY WE’RE THINKING OF YOUR NEXT TRIP

As the official airline network for the ESPEN Congress, we’d like to thank you for choosing the Star Alliance™ network and hope that all goes really well for you here today.

Whilst you concentrate on the day’s events, we hope you’ll consider us the next time you need to attend a conference.

With over 21,000 flights a day to 1,160 airports across 181 countries, our 27 member airlines will extend a wide choice of flights to any future conference you’re planning to attend. And no matter which of those airline’s frequent flyer programmes you belong to, you can earn and redeem miles across all of them.

So the next time you want to concentrate all your energies on your conference, we hope you’ll decide to leave the travel arrangements to us.

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Information correct as at 09/2016
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COMMITTEES

ESPEN 2011

LOCAL ORGANISING COMMITTEE
Ingvar Bosaeus, President
Tommy Cederholm, Scientific Committee
Ann Odlund Olin, Educational Committee
Elisabet Rothenberg, Treasurer

LOCAL SCIENTIFIC COMMITTEE
Tommy Cederholm, Chairperson
Gunnar Akner
Eva Carlsson
Juan Jesus Carrero
Olle Hernell
Gerd Faxén Irving
Olle Ljungqvist
Jan Palmblad
Peter Stenvinkel
Anders Thorell
Jan Wernerman

LOCAL EDUCATIONAL COMMITTEE
Ann Odlund Olin, Chairperson
Lars Ellegård
Folke Hammarquist
Torsten Mossberg
Ylva Orrevall
Albert Westergren

CENTRAL ESPEN

CENTRAL ESPEN EXECUTIVE COMMITTEE
Pierre Singer, Chairperson
Miguel León-Sanz, General Secretary
André Van Gossum, Treasurer
Ingvar Bosaeus, President 2011 Gothenburg

CENTRAL ESPEN SCIENTIFIC COMMITTEE
Yves Boirie, Chairperson
Stephan C. Bischoff, N.E.P. Deutz, Dileepraj Lobo,
Olav Rooyackers, Permanent Members
Tommy Cederholm, Rotating Member

CENTRAL ESPEN EDUCATIONAL COMMITTEE
Alessandro Laviano, Chairperson
Mette Holst, Nurse
Zeljko Krznaric, Physician
Ann Odlund Olin, Rotating Member
Sylwia Osowska, Pharmacist
Matthias Pirlich, Physician
Marian van Bokhorst-de van der Schueren, Dietitian
Claude Pichard, LLL Course Director
N.E.P. Deutz, Editor in-chief
Rocco Barazzoni, IT Officer
Welcome to Gothenburg, for the 33rd Congress of Clinical Nutrition and Metabolism!

Thirty-three years have passed since the first ESPEN Congress was organised in Sweden, and twelve years since the ESPEN Congress was last held in Scandinavia. We now welcome you to the 33rd Congress of Clinical Nutrition and Metabolism (3-6 September 2011) in the lovely city of Gothenburg, to share exciting scientific news and debates, a comprehensive educational programme, interactions with nutrition professionals and researchers. We also welcome you to share the friendly atmosphere and the pulse of Gothenburg, the capital of the West Coast of Sweden.

Under the Congress theme “Nutrition in translation – bridging science and practice”, session topics will cover a broad range of scientific areas translating into nutritional science, as well as the translation of current science into clinical practice. We aim to provide a comprehensive programme, updating current science and clinical practice, and for the exchange of new ideas.

Gothenburg is located in the heart of Scandinavia right between the Swedish, Danish and Norwegian capitals. It is a safe and friendly city, with an open and hospitable atmosphere, environmental thinking, and beautiful surroundings. Gothenburg is also an important centre for clinical nutrition and nutrition science at the Sahlgrenska University Hospital and the University of Gothenburg.

Make the nutrition journey and join together for ESPEN 2011 in Gothenburg!

The Local Organising Committee

Ingvar Bosaeus, President
Tommy Cederholm, Scientific Committee
Ann Ödlund Olin, Educational and Clinical Practice Committee
Elisabet Rothenberg, Treasurer
### Friday 2 September 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00 - 23:00</td>
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<tr>
<td>08:00 - 18:00</td>
<td>LLL Registration ONLY</td>
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<tr>
<td>17:00 - 19:00</td>
<td>Congress Registration</td>
</tr>
<tr>
<td>09:00 - 13:00</td>
<td>LLL Sessions</td>
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<tr>
<td>13:00 - 14:00</td>
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### Saturday 3 September 2011

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<tr>
<td>12:00 - 18:00</td>
<td>Exhibition</td>
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<tr>
<td>09:00 - 13:00</td>
<td>LLL Sessions</td>
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<tr>
<td>09:00 - 13:30</td>
<td>Special Interest Groups Sessions</td>
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<tr>
<td>12:00 - 13:30</td>
<td>Satellite Symposia</td>
</tr>
<tr>
<td>13:30 - 14:00</td>
<td>Break</td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>16:30 - 17:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>17:00 - 18:30</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>18:30 - 21:00</td>
<td>Welcome Reception</td>
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### Sunday 4 September 2011

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<tr>
<td>09:00 - 18:00</td>
<td>Exhibition</td>
</tr>
<tr>
<td>09:00 - 18:00</td>
<td>Poster Viewing</td>
</tr>
<tr>
<td>08:00 - 10:00</td>
<td>Educational LLL Sessions</td>
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<tr>
<td>08:30 - 10:00</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30 - 11:15</td>
<td>Sir David Cuthbertson Lecture</td>
</tr>
<tr>
<td>11:15 - 12:00</td>
<td>ESPEN Best Abstracts 2011</td>
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<tr>
<td></td>
<td>&amp; ESPEN Travel Awards</td>
</tr>
<tr>
<td>12:00 - 12:30</td>
<td>Lunch &amp; Poster visit</td>
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<tr>
<td>12:30 - 14:00</td>
<td>Poster visit</td>
</tr>
<tr>
<td>13:30 - 15:30</td>
<td>Educational LLL Session</td>
</tr>
<tr>
<td>14:00 - 15:30</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td>Scientific &amp; Educational Sessions</td>
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<tr>
<td>17:45 - 19:15</td>
<td>Satellite Symposia</td>
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### Monday 5 September 2011

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<td>Educational LLL Sessions</td>
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<tr>
<td>08:30 - 10:00</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>09:00 - 18:00</td>
<td>Exhibition</td>
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<tr>
<td>09:00 - 18:00</td>
<td>Poster Viewing</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30 - 11:15</td>
<td>Aavid Wretlind Lecture</td>
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<tr>
<td>11:15 - 12:00</td>
<td>Fight against Malnutrition</td>
</tr>
<tr>
<td>12:00 - 12:30</td>
<td>Lunch &amp; Poster visit</td>
</tr>
<tr>
<td>12:30 - 14:00</td>
<td>Poster visit</td>
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<tr>
<td>13:30 - 15:30</td>
<td>Educational LLL Session</td>
</tr>
<tr>
<td>14:00 - 15:30</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td>Satellite Symposia</td>
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<tr>
<td>17:30 - 19:00</td>
<td>ESPEN General Assembly</td>
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<td>(for members only)</td>
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### Tuesday 6 September 2011

<table>
<thead>
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<th>Time</th>
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<tbody>
<tr>
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<tr>
<td>09:00 - 12:00</td>
<td>Exhibition</td>
</tr>
<tr>
<td>08:30 - 10:00</td>
<td>Scientific &amp; Educational Sessions</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30 - 12:00</td>
<td>Scientific &amp; Educational Sessions</td>
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</table>
PROGRAMME OVERVIEW

Educational & Clinical Practice Sessions
Scientific Sessions

<table>
<thead>
<tr>
<th>TIME</th>
<th>FRIDAY 2 SEPTEMBER 2011</th>
<th>ROOMS</th>
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</thead>
<tbody>
<tr>
<td>09:00 - 13:00</td>
<td><strong>LLL Sessions (See LLL information section)</strong></td>
<td></td>
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<tr>
<td>13:00 - 14:00</td>
<td>Break</td>
<td></td>
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<tr>
<td>14:00 - 18:00</td>
<td><strong>LLL Sessions (See LLL information section)</strong></td>
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<table>
<thead>
<tr>
<th>TIME</th>
<th>SATURDAY 3 SEPTEMBER 2011</th>
<th>ROOMS</th>
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<tbody>
<tr>
<td>09:00 - 13:30</td>
<td>Special Interest Groups</td>
<td></td>
</tr>
<tr>
<td>09:00 - 13:00</td>
<td><strong>LLL Sessions (See LLL information section)</strong></td>
<td></td>
</tr>
<tr>
<td>12:00 - 13:30</td>
<td>Satellite Symposium - Abbott Nutrition Health Institute</td>
<td>Room G1/G2</td>
</tr>
<tr>
<td>12:00 - 13:30</td>
<td>Satellite Symposium - Nestlé Nutrition Institute</td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>13:30 - 14:00</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td>Opening Ceremony</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Chronic kidney disease (CKD) and nutrition</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Sarcopenia in translation</td>
<td>Room G1/G2</td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Free Scientific Presentations - Critical care I</td>
<td>Room G3</td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Educational Session - Dietetic session</td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>16:30 - 17:00</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>17:00 - 18:30</td>
<td>Clinical Nutrition Symposium</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>17:00 - 18:30</td>
<td>Free Scientific Presentations - Liver and gastrointestinal tract</td>
<td>Room G3</td>
</tr>
<tr>
<td>17:00 - 18:30</td>
<td>Obesity: new etiology and new consequences?</td>
<td>Room G1/G2</td>
</tr>
<tr>
<td>17:00 - 18:30</td>
<td>Educational Session - Food and mealtimes in hospital and the community</td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>18:30 - 21:00</td>
<td>Welcome Party</td>
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<tr>
<td>TIME</td>
<td>SUNDAY 4 SEPTEMBER 2011</td>
<td>ROOMS</td>
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</tr>
<tr>
<td>08:00 - 10:00</td>
<td><em>Educational LLL Session - Approach to oral and enteral nutrition</em> Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 10:30 - 12:30</td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>08:30 - 10:00</td>
<td>Translating science into nutritional routines</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>08:30 - 10:00</td>
<td><em>Educational Session - Pharmaceutical session (in collaboration with ASPEN)</em></td>
<td>Room G1/G2</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td>10:30 - 11:15</td>
<td>Sir David Cuthbertson Lecture</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>11:15 - 12:00</td>
<td>ESPEN Best Abstracts 2011 &amp; ESPEN Travel Awards</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>12:00 - 14:00</td>
<td><strong>Lunch and poster viewing</strong></td>
<td></td>
</tr>
<tr>
<td>13:30 - 15:30</td>
<td><em>Educational LLL Session - Nutritional support in the elderly patients</em></td>
<td>Room G1/G2</td>
</tr>
<tr>
<td></td>
<td>Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 16:00 - 18:00</td>
<td>Room R5/R6</td>
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<tr>
<td>14:00 - 15:30</td>
<td>Free Scientific Presentations - Inflammation &amp; Nutrition</td>
<td>Room J1</td>
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<tr>
<td>14:00 - 15:30</td>
<td>Feeding cognitive function</td>
<td>Congress Hall</td>
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<tr>
<td>14:00 - 15:30</td>
<td>Paediatric Nutrition - challenges for the future adult</td>
<td>Room G3</td>
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<tr>
<td>14:00 - 15:30</td>
<td><em>Educational Session - Nursing session</em></td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td>Nutrition for successful aging</td>
<td>Congress Hall</td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td>Epidemiology - usefulness and limits for clinical nutrition</td>
<td>Room G1/G2</td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td><em>Educational Session - Traumatic brain injury - case discussion of nutritional, caring and ethical aspects</em></td>
<td>Room H1/H2</td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td>Free Scientific Presentations - Critical care II</td>
<td>Room G3</td>
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<tr>
<td>17:45 - 19:15</td>
<td>Satellite Symposium - Fresenius Kabi</td>
<td>Congress Hall</td>
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<tr>
<td>17:45 - 19:15</td>
<td>Satellite Symposium - Nutricia - Advanced Medical Nutrition</td>
<td>Room H1/H2</td>
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<th>MONDAY 5 SEPTEMBER 2011</th>
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<td>07:30 - 08:30</td>
<td>Special Interest Groups</td>
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<tr>
<td>08:00 - 10:00</td>
<td><em>Educational LLL Session - Nutritional support in liver and pancreatic diseases</em></td>
<td>Congress Hall</td>
</tr>
<tr>
<td></td>
<td>Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 10:30 - 12:30</td>
<td>Room R5/R6</td>
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</table>
08:30 - 10:00 Free Scientific Presentations - Geriatrics Room G3
08:30 - 10:00 The Gut-Brain axis Room G1/G2
08:30 - 10:00 Educational Session - Implementation of nutritional routines Room H1/H2
10:00 - 10:30 Coffee Break
10:30 - 11:15 Arvid Wretlind Lecture Congress Hall
11:15 - 12:00 Fight against Malnutrition Congress Hall
12:00 - 14:00 Lunch and poster viewing
13:00 - 17:00 LLL Final Exam Room R2
13:30 - 15:30 Educational LLL Session - Home parenteral nutrition in adult patients Congress Hall
Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 16:00 - 18:00 Room R5/R6
14:00 - 15:30 Educational Session - Assessment of nutritional status - What are we measuring? Room H1/H2
14:00 - 15:30 Free Scientific Presentations - Nutrition and chronic diseases Room G3
14:00 - 15:30 Muscle - action, reaction and interaction Room G1/G2
15:30 - 16:00 Coffee Break
16:00 - 17:30 Satellite Symposium - Baxter Healthcare Room H1/H2
16:00 - 17:30 Satellite Symposium - B.Braun Room G1/G2
17:30 - 19:00 ESPEN General Assembly (for Members only) Congress Hall

TIME TUESDAY 6 SEPTEMBER 2011 ROOMS
08:30 - 10:00 Hot Topics Congress Hall
08:30 - 10:00 Omega-3 fatty acids: an evidence-based perspective Room G1/G2
08:30 - 10:00 De-stressing the gut Room G3
08:30 - 10:00 Educational Session - Assessment and treatment of dysphagia - What is the evidence? Room H1/H2
10:00 - 10:30 Coffee Break
10:30 - 12:00 (Epi)genetics and nutrition Room G1/G2
10:30 - 12:00 Free Scientific Presentations - Protein and amino acid metabolism Room G3
10:30 - 12:00 ICU and Nutritional outcome Congress Hall
10:30 - 12:00 Educational Session - Combined parenteral and enteral nutrition Room H1/H2
### Educational & Clinical Practice Sessions
### Scientific Sessions

#### TIME FRIDAY 2 SEPTEMBER 2011 SPEAKERS / ROOMS

<table>
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<tr>
<th>TIME</th>
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<tr>
<td>09:00 - 13:00</td>
<td>LLL Sessions (See LLL information section)</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Break</td>
</tr>
<tr>
<td>14:00 - 18:00</td>
<td>LLL Sessions (See LLL information section)</td>
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#### TIME SATURDAY 3 SEPTEMBER 2011 SPEAKERS / ROOMS

**Special Interest Groups**

<table>
<thead>
<tr>
<th>TIME</th>
<th>Sessions</th>
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<tbody>
<tr>
<td>09:00 - 11:00</td>
<td>Nutrition in Geriatrics &amp; Cachexia-Anorexia in Chronic Diseases Room G3</td>
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<tr>
<td>11:15 - 12:45</td>
<td>NutritionDay</td>
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<tr>
<td>12:00 - 13:30</td>
<td>Tracer methodology</td>
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<tr>
<td>09:00 - 13:00</td>
<td>LLL Sessions (See LLL information section)</td>
</tr>
<tr>
<td>12:00 - 13:30</td>
<td>Satellite Symposium - ABBOTT Nutrition Health Institute Room G1/G2</td>
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<tr>
<td></td>
<td>Sarcopenia: New Paradigms in Identification and Management</td>
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<tr>
<td></td>
<td>Moderator: R. Hegazi (USA)</td>
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<tr>
<td></td>
<td>Sarcopenia and Functional Status</td>
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<td></td>
<td>Practical Approaches of Sarcopenia and Loss of Lean Body Mass</td>
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<td></td>
<td>M. Vandewoude (Netherlands)</td>
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<tr>
<td>12:00 - 13:30</td>
<td>Satellite Symposium - NESTLE Nutrition Institute Room H1/H2</td>
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<tr>
<td></td>
<td>Nutrition as a part of treatment plan in surgical oncology</td>
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<tr>
<td></td>
<td>Moderator: P. Déchelotte (France)</td>
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<tr>
<td></td>
<td>Welcome and Introduction</td>
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<td>Factors associated with peg dependence in head &amp; neck cancer</td>
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<td></td>
<td>Nutritional evaluation and morbidity in colorectal cancer surgery</td>
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<tr>
<td></td>
<td>Nutrition as part of treatment plan in GI cancer surgery</td>
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<td></td>
<td>The economic burden of diarrhoea in GI cancer patients</td>
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<td></td>
<td>S. Magnuson (USA)</td>
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<td></td>
<td>Z. Stanga (Switzerland)</td>
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<td></td>
<td>C. Mariette (France)</td>
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<td></td>
<td>P. Déchelotte (France)</td>
</tr>
<tr>
<td>13:30 - 14:00</td>
<td>Break</td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td></td>
<td>Moderators: P. Singer (Israel), I. Bosaeus (Sweden)</td>
</tr>
<tr>
<td></td>
<td>Opening of the Congress by the ESPEN Chairman</td>
</tr>
<tr>
<td></td>
<td>Welcome Address of the Congress President</td>
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<td></td>
<td>Welcome Address of the First Deputy Lord Mayor, City of Gothenburg</td>
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<tr>
<td></td>
<td>Special Gothenburg Lecture</td>
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<tr>
<td></td>
<td>Plague and iron - why did not everybody die?</td>
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<tr>
<td></td>
<td>Welcome to all PEN Societies</td>
</tr>
<tr>
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<td>P. Singer (Israel)</td>
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15:00 - 16:30  **Chronic kidney disease (CKD) and nutrition**

Moderators: N. Cano (France), L. Ellegard (Sweden)

- Anorexia in CKD: causes, consequences and therapeutic opportunities
- Vascular calcification in CKD - what is the role of vitamin D and K?
- Upcoming therapeutic initiatives for the wasted CKD patient

**Congress Hall**

J.J. Carrero (Sweden)

M. Ketteler (Germany)

A. Ikizler (USA)

15:00 - 16:30  **Sarcopenia in translation**

Moderators: Y. Boirie (France), T. Cederholm (Sweden)

- Rheumatoid sarcopenia - does it matter?
- Insulin resistance and sarcopenia

**Room G1/G2**

A. Lemmey (UK)

E. Volpi (USA)

15:00 - 16:30  **Free Scientific Presentations - Critical care I**

Moderators: D. Lobo (UK), J. Wernerman (Sweden)

- **OP003** DECREASED GLUCOSE INTAKE SAFELY DECREASES HYPERGLYCEMIA IN CHILDREN AFTER CARDIAC SURGERY
  C.T. de Betue

- **OP004** MYOCARDIAL DYSFUNCTION ASSOCIATED WITH REFEEDING SYNDROME (RS) IN SEVERALLY MALNOURISHED ANOREXIA NERVOSA PATIENTS (AN)
  M.G. Hanachi-Guidoum

- **OP005** SUPPLEMENTAL PARENTERAL NUTRITION (SPN) IN INTENSIVE CARE UNIT (ICU) PATIENTS FOR OPTIMAL ENERGY COVERAGE: IMPROVED CLINICAL OUTCOME
  C.P. Heidegger

- **OP006** ENTERAL NUTRITION-ASSOCIATED INCRETIN EFFECT IN THE CRITICALLY ILL
  J. C. Preiser

- **OP007** A RANDOMISED, DOUBLE-BLIND, CROSS-OVER STUDY ON THE EFFECT OF 2 LITRE INFUSIONS OF BALANCED AND UNBALANCED CRYSTALLOID SOLUTIONS ON BLOOD VOLUME, SERUM CHLORIDE CONCENTRATION AND RENAL BLOOD FLOW
  A.H. Chowdhury

- **OP008** Cancelled

- **OP009** CAN THE RATIO OF EPA/AA BE AN INDICATER FOR PREVENTION OF DELAYED VASOSPASM SECONDARY TO SUBARACHNOID HEMORRHAGE (SAH) ? ABOUT EFFECTIVENESS OF HIGH DOSE EICOSAPENTAENOIC ACID (EPA) FOR PREVENTION OF CEREBRAL VASOSPASM SECONDARY TO SUBARACHNOID HEMORRHAGE
  H. Nakatogawa
15:00 - 16:30

**Educational Session - Dietetic session**

Moderators: M. van Bakhorst (Netherlands), E. Rothenberg (Sweden)

- Randomised controlled trial in care home residents shows improved quality of life (QOL) with oral nutritional supplements (PP021-SUN)
- Fall incidents decrease after short-term oral nutritional intervention in malnourished elderly patients: a randomised controlled trial (PP024-SUN)
- Preoperative weight loss as a predictor of long-term success following bariatric surgery (PP197-SUN)
- Long-term outcome in cystic fibrosis: role of nutrition (PP110-MON)

Moderators: M. van Bakhorst (Netherlands), E. Rothenberg (Sweden)

Room H1/H2

16:30 - 17:00

**Coffee Break**

17:00 - 18:30

**Clinical Nutrition Symposium**

Moderators: N.E.P. Deutz (USA), Y. Boirie (France)

- EuroOOPS: An international, multicentre study to implement nutritional risk screening and evaluate clinical outcome
- Effect of green tea extract on obese women: A randomized, double-blind, placebo-controlled clinical trial
- Prevalence of malnutrition in paediatric hospital patients
- Decreased food intake is a risk factor for mortality in hospitalised patients: The NutritionDay survey 2006

Moderators: N.E.P. Deutz (USA), Y. Boirie (France)

Congress Hall

17:00 - 18:30

**Free Scientific Presentations - Liver and gastrointestinal tract**

Moderators: J. Ockenga (Germany), R. Brummer (Sweden)

- IMPAIRED MATURATION OF DENDRITIC CELLS IN GUT ASSOCIATED LYMPHOID TISSUE DISTAL TO THE STOMA: A POSSIBLE MECHANISM UNDERLYING INCREASED INFECTIOUS COMPLICATIONS AFTER STOMA CLOSURE (OP010)
- N-3 PUFAS PREVENT THE DESTRUCTION OF INTESTINAL BARRIER AFTER ISCHEMIA/REFUSION INJURY BY I-FABP INDUCING THE PPAR® PATHWAY ACTIVATION (OP011)
- EFFECTS OF TEDUGLUTIDE, AN ANALOG OF HUMAN GLP-2, ON INTESTINAL FLUID ABSORPTION IN SHORT BOWEL SYNDROME (SBS) PATIENTS (OP012)
- PREVALENCE AND PREDICTORS OF METABOLIC SYNDROME ONE YEAR AFTER LIVER TRANSPLANTATION (OP013)
- SEVERE GUT ISCHEMIA REPERFUSION REDUCES HEPATIC MONONUCLEAR CELL NUMBER (OP014)
- IN VITRO STIMULATION OF INTESTINAL B-DEFENSINS 1 AND 2 BY PROBIOTIC BACTERIA (OP015)

**Programme Day by Day**

**Saturday**
### Presentation:

**OP016** SURVIVAL BENEFIT OF ADDING FISH OIL TO PARENTERAL NUTRITION IN A MURINE INTRA-PORTAL P. AERUGINOSA INJECTION MODEL

T. Moriya

**17:00 - 18:30**

**Obesity: new etiology and new consequences?**  
**Room G1/G2**

- Moderators: S. Bischoff (Germany), A. Thorell (Sweden)
- Inflammation and adipogenesis: M. Rydén (Sweden)
- Gut flora and metabolic disease: P. Cani (Belgium)
- Metabolic surgery for type 2 diabetes?: F. Pattou (France)

**17:00 - 18:30**

**Educational Session - Food and mealtimes in hospital and the community**  
**Room H1/H2**

- Moderators: M. Holst (Denmark), Y. Orrevall (Sweden)
- Better hospital food for patients - experiences from Denmark: H. Højgaard Rasmussen (Denmark)
- Observations of mealtimes in nursing homes: A. Saletti (Sweden)
- Protected mealtimes - British experiences: C. Snell (UK)

**18:30 - 21:00**

**Welcome Party at the Congress Centre, with ABBA show**

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### Programme:

**TIME** | **SUNDAY 4 SEPTEMBER 2011** | **SPEAKERS / ROOMS**
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08:00 - 10:00 | **Educational LLL Session - Approach to oral and enteral nutrition** | **Room H1/H2**
- Moderator: M. Pirlich (Germany)
- Indications /contraindications and monitoring: M. Pirlich (Germany)
- Oral and sip feeding: M. van Bokhorst (Netherlands)
- Formulae for enteral nutrition: A. Forbes (UK)
- Techniques of enteral nutrition and complications: Z. Krznaric (Croatia)
- Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 10:30 - 12:30 | **Room R5/R6**

08:30 - 10:00 | **Translating science into nutritional routines** | **Congress Hall**
- Moderators: H. Højgaard Rasmussen (Denmark), A. Ödlund Olin (Sweden)
- State of the science of knowledge translation: L. Wallin (Sweden)
- Promoting evidence-based practice - overcoming obstacles for knowledge translation: K. Gerrish (UK)
- The Breakthrough series Model as an implementation method: A. Ödlund Olin (Sweden)

08:30 - 10:00 | **The cancer cachexia journey** | **Room G3**
- Moderators: D. Lobo (UK), I. Bosaeus (Sweden)
- Genotypic markers as predictors of cachexia: K. Fearn (UK)
- Phenotypic markers as predictors of outcome: F. Strasser (Switzerland)
- Strategies to improve metabolism and function in advanced cancer?: K. Lundholm (Sweden)
08:30 - 10:00  
**Educational Session - Pharmaceutical session**  
*(in collaboration with ASPEN)*  
Moderators: J. Mirtallo (USA), S. Osowska (Poland)  
Should insulin be added to parenteral nutrition? J. Mirtallo (USA)  
Why should we study the pharmacokinetics of administered nutrients? The example of amino acids L. Cynober (France)  
Medication during parenteral nutrition - what issues should be considered? P. Austin (UK)  

10:00 - 10:30  
**Coffee Break**

10:30 - 11:15  
**Sir David Cuthbertson Lecture**  
Moderators: P. Singer (Israel), T. Cederholm (Sweden)  
Anabolic resistance: a road map to malnutrition G. Biolo (Italy)  

11:15 - 12:00  
**ESPEN Best Abstracts 2011 & ESPEN Travel Awards**  
Moderators: Y. Boirie (France), T. Cederholm (Sweden)  
OP017 TEDUGLU TIDE, A GLUCAGON-LIKE PEPTIDE 2 (GLP-2)-ANALOGUE, ENABLES SIGNIFICANT REDUCTIONS IN PARENTERAL SUPPORT IN PATIENTS WITH SHORT BOWEL SYNDROME (SBS): RESULTS FROM A RANDOMIZED, PLACEBO-CONTROLLED, MULTINATIONAL PHASE III STUDY (STEPS) M. Pertkiewicz  
OP018 CITRULLINE ENHANCES FETAL GROWTH AND PROTEIN SYNTHESIS IN A MODEL OF INTRA-UTERINE GROWTH RESTRICTION A. Bourdon  
OP019 CHRONIC INTAKE OF HIGH DIETARY AGES SELECTIVELY AFFECT PROTEIN METABOLISM IN TYPE II SKELETAL MUSCLE H. Murakami  

12:00 - 14:00  
**Lunch and poster viewing**

13:30 - 15:30  
**Educational LLL Session**  
**Nutritional support in the elderly patients**  
Moderator: S.M. Schneider (France)  
Malnutrition in the elderly-epidemiology and consequences T. Cederholm (Sweden)  
Sarcopenia - Causes of Malnutrition M. Drey (Germany)  
Nutritional screening and assessment - Oral refeeding J. Bauer (Germany)  
Artificial nutrition S.M. Schneider (France)  
Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 16:00 - 18:00 Room R5/R6
Free Scientific Presentations - Inflammation & Nutrition
Moderators: P. Déchelotte (France), O. Ljungqvist (Sweden)

OP020 OXIDATIVE STRESS AND COX-MEDIATED INFLAMMATION IN PATIENTS WITH ALZHEIMER’S DISEASE AND EFFECTS OF N-3 FATTY ACID SUPPLEMENTATION - THE OMEGAD STUDY
Y. Freund-Levi

OP021 APPETITE AND PHYSIOLOGICAL RESPONSES TO ORAL, BOLUS OR CONTINUOUS NASOGASTRIC FEEDING IN HEALTHY YOUNG WOMEN
J. Krause

OP022 HOME PARENTERAL NUTRITION SUPPORT FOR COMPLICATIONS OF BARIATRIC SURGERY
V. Nehra

OP023 CHANGES OF BODY COMPOSITION AND EATING BEHAVIOUR IN MORBID OBESITY AFTER BARIATRIC SURGERY
P. Lanzi

OP024 PATIENTS’ PERSPECTIVES OF TREATMENT WITH HOME ENTERAL TUBE FEEDING
K. Bjuresäter

OP025 THE RELATIONSHIP BETWEEN THE MAGNITUDE OF THE SYSTEMIC INFLAMMATORY RESPONSE AND MICRONUTRIENT STATUS BASED ON PLASMA MEASUREMENTS: EXPERIENCE OF A REGIONAL REFERENCE CENTRE
A. Duncan

OP026 EFFECTS OF SHORT TERM ALTERNATIVE DAY CALORIE RESTRICTION ON INFLAMMATORY RESPONSE IN SEPTIC MICE MODEL
Y. Oochi

14:00 - 15:30
Feeding cognitive function
Congress Hall
Moderators: L. de Groot (Netherlands), G. Faxén Irving (Sweden)
APOE, cholesterol and nutritional interactions in dementia
A. Solomon (Sweden)
R. Rauramaa (Finland)
Nutrition and exercise combined effects on cognitive function – DR’s EXTRA!
Mediterranean diet - good for cognition?
N. Scarmeas (USA)

14:00 - 15:30
Paediatric Nutrition - challenges for the future adult
Room G3
Moderators: N.E.P. Deutz (USA), O. Hernell (Sweden)
Early nutrition and adult health
B. Koletzko (Germany)
Adipose plasticity in catch-up growth
A. Dulloo (Switzerland)
Quantitative stable isotopic assessment of paediatric intestinal failure associated liver diseases
T. Jaksic (USA)
14:00 - 15:30  
**Educational Session - Nursing session**  
Room H1/H2  
Moderators: M. Holst (Denmark), A. Ödlund Olin (Sweden)  
Nutritional support to cancer patients - The nurses’ perspective  
M. Larsson (Sweden)  
Nursing care of advanced cancer patients with weight loss and poor appetite  
J. Hopkinson (UK)  
Increased oral intake with a nurse as the team leader in a nutrition team  
K Holmberg (Sweden)  
Nurses experiences of nutritional treatment - what can we learn from it?  
J. Sköld (Sweden)  

15:30 - 16:00  
**Coffee Break**  

16:00 - 17:30  
**Nutrition for successful aging**  
Congress Hall  
Moderator: G. Akner (Sweden)  
Mechanisms of caloric restriction and caloric restriction mimetics on health and longevity  
G.S. Roth (USA)  
Body composition, vitamin D and their impact on successful aging  
M. Visser (Netherlands)  
Optimal Body Mass Index for the frail old adult?  
A.-M. Beck (Denmark)  

16:00 - 17:30  
**Epidemiology - usefulness and limits for clinical nutrition**  
Room G1/G2  
Moderators: M. van Bokhorst (Netherlands), A. Winkvist (Sweden)  
Is folic acid good for everyone?  
H. Refsum (Norway)  
Biomarkers in nutritional medicine: lessons from the EPIC study  
A.C. Vergnaud (France)  
Gender differences in cardiovascular epidemiology: lessons from SENECA  
L. de Groot (Netherlands)  

16:00 - 17:30  
**Educational Session - Traumatic brain injury - case discussion of nutritional, caring and ethical aspects**  
Room H1/H2  
Moderators: P. Singer (Israel), T. Mossberg (Sweden)  
Presentation of cases  
F. Hammarqvist (Sweden) & K. Krakau (Sweden)  
Panel discussion - M. Berger (Switzerland), L. Cynober (France)  
K. Krakau (Sweden), I. Poulsen (Denmark)  
Didactic summary  
F. Hammarqvist (Sweden)  

16:00 - 17:30  
**Free Scientific Presentations - Critical care II**  
Room G3  
Moderators: O. Rooyackers (Sweden), J.C. Preiser (Belgium)  
OP027  
SPN STUDY: SUPPLEMENTAL PARENTERAL NUTRITION (PN) TO REACH ENERGY TARGET DOES NOT COMPROMISE GLUCOSE CONTROL  
M. Berger  
OP028  
NUTRITION EDUCATIONAL PROGRAM DECREASES ICU LENGTH OF STAY  
M. Castro
OP029  CLOCK GENES UNCOUPLING CAUSED BY REVERSE FEEDING AUGMENTS INFLAMMATORY RESPONSE IN MICE SEPTIC MODEL  
Y. Oyama  
OP030  GLUTAMINE VIA NITRIC OXIDE PATHWAY IS IMPORTANT TO REGULATE BACTERIAL TRANSLOCATION IN AN INTESTINAL OBSTRUCTION MODEL IN MICE  
M.I. Correia  
OP031  PROVISION OF PROTEIN AND ENERGY IN RELATION TO MEASURED REQUIREMENTS IN INTENSIVE CARE PATIENTS – ASSOCIATIONS WITH MORTALITY  
N. Esmailzadeh  
OP032  A META-ANALYSIS OF THE IMPACT OF ENTERAL IMMUNE MODULATING NUTRITION COCKTAILS ON POSTOPERATIVE OUTCOMES AFTER MAJOR ABDOMINAL AND HEAD AND NECK SURGERY  
K. Marimuthu  
OP033  PARENTERAL NUTRITION IS RELATED TO INCREASED 28 DAY MORTALITY IN CRITICALLY ILL PATIENTS WITH CARDIOVASCULAR FAILURE  
A. Beishuizen  

17:45 - 19:15  Satellite Symposium - FRESENIUS KABI  
New Horizons in Clinical Nutrition  
Moderator: P. Déchelotte (France)  
Hyperglycaemia - select the nutrients to fight it  
A. Laviano (Italy)  
Nutritional modulation of the efficacy and toxicity of chemotherapy  
V. Baracos (Canada)  
Nutrigenomics - how to bring clinical nutrition ahead  
R. Grimble (UK)  

17:45 - 19:15  Satellite Symposium - NUTRICIA - Advanced Medical Nutrition  
Enhancing recovery and mobility: the role of medical nutrition in improving patient outcomes  
Moderator: N.E.P. Deutz (USA)  
Improved outcomes with oral nutritional supplements: Should we spend to save?  
R. Stratton (UK)  
Nutrition and metabolism: keys to enhanced recovery after surgery. Keep them moving!  
O. Ljungqvist (Sweden)  
Sarcopenia and the role of nutrition in older individuals  
J. Bauer (Germany)
07:30 - 08:30  Editorial Advisory Board / ESPEN Faculty / ESPEN Reviewers  Room J1

07:30 - 08:30  Home Artificial Nutrition & Chronic Intestinal Failure Working Group Meeting  Room R2

07:30 - 08:30  Annual Meeting of Eastern European Countries  Room R5/R6

08:00 - 10:00  Educational LLL Session - *Nutritional support in liver and pancreatic diseases*  Congress Hall

*Moderator: R. Meier (Switzerland)*

- Acute liver disease  J. Kondrup (Denmark)
- Chronic liver disease  M. Plauth (Germany)
- Acute pancreatitis  R. Meier (Switzerland)
- Chronic pancreatitis  J. Ockenga (Germany)

*Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 10:30 - 12:30*  Room R5/R6

08:30 - 10:00  Free Scientific Presentations - Geriatrics  Room G3

*OP034 ASSOCIATION BETWEEN MALNUTRITION, FOOD INTAKE AND BEDSORE IN 3500 LONG-TERM CARE RESIDENTS*  N. Unger-Manhart

*OP035 A POSSIBLE IMPROVEMENT OF NUTRITIONAL STATUS IN SWEDISH NURSING HOME RESIDENTS FROM 1996 TO 2010*  J. Törmä

*OP036 RELATIONSHIP BETWEEN NUTRITIONAL STATUS OF HIP FRACTURE OPERATED ELDERLY PATIENTS AND FUNCTIONING, COMORBIDITY AND OUTCOME*  T. Koren-Hakim

*OP037 ENCOURAGING, ASSISTING AND TIME TO EAT: IMPROVED NUTRITIONAL INTAKE FOR ELDERLY INPATIENTS RECEIVING PROTECTED MEALTIMES AND/OR ADDITIONAL NURSING FEEDING ASSISTANCE*  A. Young

*OP038 SYSTEMATIC REVIEW AND META-ANALYSIS OF THE EFFECTS OF ORAL NUTRITIONAL SUPPLEMENTS ON HOSPITAL ADMISSIONS*  R. Stratton

*OP039 ENERGY EXPENDITURE NORMALIZED FOR FFM IS HIGHER IN ELDERLY WOMEN THAN MEN*  V.L. Karsegard

*OP040 EFFICACY OF HOME ENTERAL NUTRITION (HEN) IN ELDERLY PATIENTS WITH MULTIMORBIDITY: RETROSPECTIVE ANALYSIS IN PATIENTS IN LONG TERM HEN*  C. Venturini
08:30 - 10:00 **The Gut-Brain axis**
Moderators: S. Bischoff (Germany), P. Déchelotte (France)
How does the gut and brain communicate and what do they talk to each other about?
Glucose and the vagus: sensory cells savour sweet substances
Gut-brain communication and IBS

08:30 - 10:00 **Educational Session - Implementation of nutritional routines**
Moderators: A. Ödlund Olin (Sweden), M. van Bokhorst (Netherlands)
Implementation of a nutrition screening tool and associated care guidelines
Study circles as a means of improving care in nursing homes
Screening and treatment in Dutch health care and its potential exploitability elsewhere

10:00 - 10:30 **Coffee Break**

10:30 - 11:15 **Arvid Wretlind Lecture**
Moderators: I. Bosaeus (Sweden), A. Van Gossum (Belgium)
Cancer cachexia: impact of translational research on patient-focused outcomes

11:15 - 12:00 **Fight against Malnutrition**
Moderators: P. Singer (Israel), O. Ljungqvist (Sweden)
The WHO Hospital Malnutrition Network
The EU regulatory framework for medical nutrition; its role in fighting against malnutrition
Routine nutritional status and risk screening across Europe: Methods and Implementation
Presentation of MNI grant to the winner
Presentation MNI grant winner

12:00 - 14:00 **Lunch and poster viewing**

13:00 - 17:00 **LLL Final Exam**

13:30 - 15:30 **Educational LLL Session - Home parenteral nutrition in adult patients**
Moderator: L. Pironi (Italy)
Indications and outcome
Planning, training and monitoring
Venous catheter complications
Metabolic complications and indications for intestinal transplantation

Followed by Case Discussion and Test for the participants registered for the LLL Live Course, 16:00 - 18:00
14:00 - 15:30  
**Educational Session - Assessment of nutritional status - What are we measuring?**  
Room H1/H2  

Moderators: M. Pirlich (Germany), J. Kondrup (Denmark)  
Blood tests in assessment of nutritional status - an overview  
L. Ellegård (Sweden)  
Multimodal assessment of nutritional status in patients with systematic inflammatory response  
L.D. Plank (New Zealand)  
Effect of the inflammatory response on trace elements and vitamin status  
H. Biesalski (Germany)  

14:00 - 15:30  
**Free Scientific Presentations - Nutrition and chronic diseases**  
Room G3  

Moderators: J.J. Carrero (Sweden), J. Bauer (Germany)  

**OP041 CENTRAL FAT DISTRIBUTION IS ASSOCIATED WITH INTRAMYOCYTOPLASMIC CERAMIDES AND MUSCLE TELOMERE SHORTENING**  
M.P. De La Maza  

**OP042 WEIGHT LOSS BEFORE RADIOTHERAPY IS INDEPENDENTLY ASSOCIATED WITH A WORSE OVERALL SURVIVAL IN HEAD AND NECK CANCER PATIENTS**  
J.A. Langius  

**OP043 THE EFFECT OF HUMAN SALIVA ON THE CONSISTENCY OF DRINKS THICKENED WITH A NEW THICKENER FOR DYSPHAGIA PATIENTS COMPARED TO A STANDARD FOOD THICKENER**  
E. Sliwinski  

**OP044 VEGAN DIET IMPROVES CARDIOVASCULAR RISK FACTORS COMPARED TO OMNIVORE DIET**  
A. Norouzy  

**OP045 EARLY DETERMINANTS FOR THE DEVELOPMENT OF UNDERNUTRITION IN AN OLDER GENERAL POPULATION - LONGITUDINAL AGING STUDY AMSTERDAM**  
J. Schilp  

**OP046 DISEASE-SPECIFIC ENTERAL NUTRITION IN AMYOTROPHIC LATERAL SCLEROSIS (ALS)**  
I. Kushta  

**OP047 DISEASE-RELATED MALNUTRITION IN SYSTEMIC SCLEROSIS OUTPATIENTS WITH MODERATE DISEASE DURATION**  
E. Cereda  

14:00 - 15:30  
**Muscle - action, reaction and interaction**  
Room G1/G2  

Moderators: E. Volpi (USA), J. Wernerman (Sweden)  
Significance of muscle cytokine production  
B. Klarlund Pedersen (Denmark)  
Role of Vitamin D receptors in muscle?  
H. Bischoff-Ferrari (Switzerland)  
Muscle response to androgen therapy  
G. Mantovani (Italy)  

15:00 - 17:00  
**International Working Group - Pancreatitis Guidelines**  
Room R4  

15:30 - 16:00  
**Coffee Break**
**PROGRAMME DAY BY DAY**

**MONDAY / TUESDAY**

**16:00 - 17:30** Satellite Symposium - BAXTER Healthcare  
Protein and energy needs in nutritional interventions: revelation or revolution?  
Moderator: G. Kreymann (Germany)  
Protein and energy in patient nutritional interventions: M. DeLegge (USA)  
A walk through the literature: C. Pichard (Switzerland)  
Energy as needed for optimal outcome in ICU patients: M. Berger (Switzerland)  
Energy alone is not enough - Protein requires special attention: G. Kreymann (Germany)

**Satellite Symposium - B.BRAUN**  
Modem lipid emulsions - Beyond the clinical experience  
Moderator: A. Weimann (Germany)  
Pharmacopeial issues regarding lipid emulsions: D. Driscoll (USA)  
Safety and efficacy of a new generation lipid emulsion in neonates: V. Carnielli (Italy)  
Nutrition in renal failure - Intradialytic parenteral nutrition: G. Brunori (Italy)

**17:30 - 19:00** ESPEN General Assembly (for Members only)  
Congress Hall

**TIME** | **TUESDAY 6 SEPTEMBER 2011** | **SPEAKERS / ROOMS**
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08:30 - 10:00 | Hot Topics | Congress Hall  
Moderators: Y. Boirie (France), I. Bosaeus (Sweden)  
Nanotechnologies in nutrition: H. Biesalski (Germany)  
Computational modelling of macronutrient metabolism and body weight dynamics: K. Hall (USA)  
Novel agents in intestinal failure: K. Tappenden (USA)  
Butyrate fortification using pre- and probiotics – implications on intestinal function: M. Casaer (Belgium)  
Results from the EPaNIC trial: G. Brunori (Italy)

08:30 - 10:00 | Omega-3 fatty acids: an evidence-based perspective | Room G1/G2  
Moderators: K. Fearon (UK), J. Palmblad (Sweden)  
Cardiovascular diseases: are they so good?: D. Kromhout (Netherlands)  
Child health and intellectual development: M. Makrides (Australia)  
Inflammatory diseases: a critical appraisal: A. Cherubini (Italy)

08:30 - 10:00 | De-stressing the gut | Room G3  
Moderators: A. Van Gossum (Belgium), D. Lobo (UK)  
How to make the gut work immediately after major surgery?: O. Ljungqvist (Sweden)  
Immunonutrition in elective surgery – for who and when?: M. Braga (Italy)  
Pre- and probiotics and selective digestive decontamination: science or witch’s brew?: A. Verbon (Netherlands)

08:30 - 10:00 | Educational Session - Assessment and treatment of dysphagia - What is the evidence? | Room H1/H2  
Moderators: A. Laviano (Italy), O. Ekberg (Sweden)  
Normal and abnormal oral and pharyngeal swallowing: P. Clavé (Spain)  
Clinical evaluation of dysphagia: M. Bulow (Sweden)  
Dietary treatment in dysphagia: M. Macleod (UK)
10:00 - 10:30  Coffee Break

10:30 - 12:00  (Epi)genetics and nutrition  
Room G1/G2
Moderators: R. Grimble (UK), O. Rooyackers (Sweden)
Epigenetics - the epicentre of modern research?  
P. Stenvinkel (Sweden)
Genetic contribution to obesity-susceptibility -  
from discovery to insights into new biology  
R. Loos (UK)
Nutritional control of diabetes and epigenetic effects  
J. Tuomilehto (Finland)

10:30 - 12:00  Free Scientific Presentations - Protein and amino acid metabolism  
Room G3
Moderators: G. Biolo (Italy), F. Hammarqvist (Sweden)
OP048  A META-ANALYSIS ON THE ASSOCIATION OF CITRULLINE PLASMA LEVELS AND SMALL BOWEL LENGTH  
K.C. Fragkos
OP049  DIRECT ACTION OF CITRULLINE ON MUSCLE PROTEIN SYNTHESIS: ROLE OF THE MTORC1 PATHWAY  
C. Moinard
OP050  ACHIEVING PROTEIN AND ENERGY TARGETS IN MALNOURISHED HOSPITALIZED PATIENTS ON DAY 4 OF ADMISSION IMPROVES LENGTH OF HOSPITAL STAY  
P.J. Weijs
OP051  ARGinine DEFICIENCY INDUCED BY SURGERY OR TRAUMA CAUSED T LYMPHOCYTE DYSFUNCTION AND INCREASED SUSCEPTIBILITY TO INFECTION  
J.B. Ochoa
OP052  EFFECTS OF ORAL CITRULLINE ON WHOLE BODY PROTEIN METABOLISM IN HEALTHY HUMAN VOLUNTEERS: A PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND, CROSS-OVER STUDY  
R. Thibault
OP053  TRANSCRIPTION OF THE MEVALONATE PATHWAY IS UP-REGULATED BY AMINO ACIDS IN L6 SKELETAL MUSCLE CELLS SUGGESTING LOCAL STEROIDOGENESIS FOR ANABOLIC REACTIONS  
B-M. Iresjö
OP054  REGULATION OF NEURONAL SURVIVAL FACTORS BY µ-HYDROXY-µ-METHYLBUTYRATE (HMB): FUTURE THERAPEUTIC IMPLICATIONS  
J.M. López-Pedrosa

10:30 - 12:00  ICU and Nutritional outcome  
Congress Hall
Moderators: P. Singer (Israel), A. Thorell (Sweden)
Post-ICU weakness: a critical appraisal  
J. Wernerman (Sweden)
Metabolic impact of experimental head trauma  
C. Moinard (France)
Survival of the fattest?  
M. Hiesmayr (Austria)

10:30 - 12:00  Educational Session - Combined parenteral and enteral nutrition  
Room H1/H2
Moderators: M. León-Sanz (Spain), R. Meier (Switzerland)
Case report Crohn’s disease  
Z. Krznaric (Croatia)
Case report Pancreatitis  
A. Forbes (UK)
State of the art - combined enteral and parenteral nutrition  
C. Pichard (Switzerland)
What are the LLL Courses?
The ESPEN Leonardo da Vinci Life Long Learning Project is an ESPEN - EU global effort to improve daily practice in Clinical Nutrition and Metabolism and develop quality care in nutrition by means of an innovative educational initiative.

What are the main objectives?
To improve knowledge, competence and skills of health professionals and students in Clinical Nutrition and Metabolism while providing CME credits and European certification for medical doctors.

Paying courses for medical doctors only.

Overview
Overview of all the modules proposed. You can attend a maximum of 7 modules as some of the modules are running in parallel.

**Friday 2 September 2011**

**Morning** 09:00-13:00 Nutritional assessment and techniques
- Nutritional support in renal disease
- Nutritional support in neurological diseases
- Approach to Parenteral Nutrition
- T-LLL (8th Teach the Teachers Course [TTT]) - upon invitation only

**Afternoon** 14:00-18:00 Nutritional support in intestinal diseases
- Nutrition in paediatric patients
- Nutritional support in diabetes and dyslipidemia
- Nutritional support in respiratory diseases
- Sports and nutrition

**Saturday 3 September 2011**

**Morning** 09:00-13:00 Nutritional support in ICU patients
- Nutrition in metabolic syndrome
- Nutrition in obesity
- Nutritional support in the perioperative period
- Nutritional support in cancer

**Sunday 4 September 2011**

**Morning** 08:00-10:00 Educational LLL sessions - Approach to oral and enteral nutrition
- 10:30-12:30 Case Discussion and Test for the participants registered for LLL Live course

**Afternoon** 13:30-15:30 Educational LLL sessions - Nutritional support in the elderly patients
- 16:00-18:00 Case Discussion and Test for the participants registered for LLL Live course

**Monday 5 September 2011**

**Morning** 08:00 - 10:00 Educational LLL sessions - Nutritional support in liver and pancreatic diseases
- 10:30-12:30 Case Discussion and Test for the participants registered for LLL Live course

**Afternoon** 13:00-17:00 LLL FINAL EXAM
- 13:30-15:30 Educational LLL sessions - Home parenteral nutrition in adult patients
- 16:00 -18:00 Case Discussion and Test for the participants registered for LLL Live course
### Detailed LLL Courses Programme

All the LLL courses take place at the Swedish Exhibition and Congress Centre/Svenska Mässan.

<table>
<thead>
<tr>
<th>Time</th>
<th>Friday 2 September 2011</th>
<th>Rooms</th>
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<tr>
<td><strong>Morning</strong></td>
<td><strong>09:00 - 13:00</strong></td>
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<tr>
<td></td>
<td><strong>Nutritional assessment and techniques</strong></td>
<td>R24/R25</td>
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<td>Moderator: R. Meier (Switzerland)</td>
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<td>Speakers: R. Meier (Switzerland), L. Sobotka (Czech Republic)</td>
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<td></td>
<td><strong>Nutritional support in renal disease</strong></td>
<td>J1</td>
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<td>Moderator: N. Cano (France)</td>
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<td>Speakers: N. Cano (France), E. Fiaccadori (Italy), D. Teta (Switzerland)</td>
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<td></td>
<td><strong>Nutritional support in neurological diseases</strong></td>
<td>R5/R6</td>
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<td>Moderator: S.M. Schneider (France)</td>
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<td>Speakers: S.M. Schneider (France), R. Burgos (Spain), I. Breton (Spain)</td>
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<td></td>
<td><strong>Approach to parenteral nutrition</strong></td>
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<td>Moderator: A. Laviano (Italy)</td>
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<td>Speakers: A. Laviano (Italy), S. Mühlebach (Switzerland), A. Van Gossum (Belgium)</td>
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<td></td>
<td><strong>T-LLL (8th Teach the Teachers Course [TTT])</strong></td>
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<td>(Only for special invited participants)</td>
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<td>Speakers: R. Komsa (Bulgaria), R. Meier (Switzerland), C. Pichard (Switzerland)</td>
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<td><strong>Afternoon</strong></td>
<td><strong>14:00 - 18:00</strong></td>
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<td><strong>Nutritional support in intestinal diseases</strong></td>
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<td>Moderator: P. Soeters (Netherlands)</td>
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<td>Speakers: P. Soeters (Netherlands), A. Forbes (UK), R. Meier (Switzerland)</td>
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<td><strong>Nutrition in paediatric patients</strong></td>
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<td>Moderator: S. Kolacek (Croatia)</td>
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<td>Speakers: S. Kolacek (Croatia), H. Szajewska (Poland)</td>
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<td><strong>Nutritional support in diabetes and dyslipidemia</strong></td>
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<td>Moderator: L. Sobotka (Czech Republic)</td>
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<td>Speakers: L. Sobotka (Czech Republic), I. Chermesh (Israel)</td>
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<td><strong>Nutritional support in respiratory diseases</strong></td>
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<td>Moderator: C. Pison (France)</td>
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<td>Speakers: C. Pison (France), A. Schols (Netherlands)</td>
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<td><strong>Sports and Nutrition</strong></td>
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<td>Moderator: K. Melzer (Switzerland)</td>
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<td>Speakers: K. Melzer (Switzerland), R. Barazzoni (Italy), L. Genton (Switzerland)</td>
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</tbody>
</table>
## Detailed LLL Courses Programme

### Saturday 3 September 2011

#### Morning
09:00 - 13:00

**Nutritional support in ICU patients**
- Moderator: P. Singer (Israel)
- Speakers: P. Singer (Israel), M. Hiesmayr (Austria)

**Nutrition in metabolic syndrome**
- Moderator: M. León-Sanz (Spain)
- Speakers: M. León-Sanz (Spain), M. Ballesteros (Spain), C. de la Cuerda (Spain)

**Nutrition in obesity**
- Moderator: I. Chermesh (Israel)
- Speakers: I. Chermesh (Israel), A. Palmo (Italy)

**Nutritional support in the perioperative period**
- Moderator: O. Ljungqvist (Sweden)
- Speakers: O. Ljungqvist (Sweden), D. Lobo (UK)

**Nutritional support in cancer**
- Moderator: K. Fearon (UK)
- Speakers: K. Fearon (UK), A. Laviano (Italy), P. Ravasco (Portugal)

### Sunday 4 September 2011

#### Morning
08:00 - 10:00

**Educational LLL Session - Approach to oral and enteral nutrition**
- Moderator: M. Pirlich (Germany)
- Indications / contraindications and monitoring: M. Pirlich (Germany)
- Oral and sip feeding: M. van Bokhorst (Netherlands)
- Formulae for enteral nutrition: A. Forbes (UK)
- Techniques of enteral nutrition and complications: Z. Krznaric (Croatia)

10:30 - 12:30

**Case Discussion and Test for the participants registered for LLL Live course**

#### Afternoon
13:30 - 15:30

**Educational LLL Session - Nutritional support in the elderly patients**
- Moderator: S.M. Schneider (France)
- Malnutrition in the elderly - epidemiology and consequences: T. Cederholm (Sweden)
- Sarcopenia - Causes of Malnutrition: M. Drey (Germany)
- Nutritional screening and assessment - Oral refeeding: J. Bauer (Germany)
- Artificial nutrition: S.M. Schneider (France)

16:00 - 18:00

**Case Discussion and Test for the participants registered for LLL Live course**
## Detailed LLL Courses Programme

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<tr>
<td><strong>Morning</strong></td>
<td>Educational LLL Session - Nutritional support in liver and pancreatic diseases</td>
<td>Congress Hall</td>
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<td>08:00 - 10:00</td>
<td>Moderator: R. Meier (Switzerland)</td>
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<tr>
<td></td>
<td>Acute liver disease</td>
<td>J. Kondrup (Denmark)</td>
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<td>Chronic liver disease</td>
<td>M. Plauth (Germany)</td>
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<tr>
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<td>Acute pancreatitis</td>
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<td>Moderator: L. Pironi (Italy)</td>
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<td>Indications and outcome</td>
<td>A. Van Gossum (Belgium)</td>
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<td>Planning, training and monitoring</td>
<td>F. Joly (France)</td>
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<td>Venous catheter complications</td>
<td>M. Staun (Denmark)</td>
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<td>Metabolic complications and indications for intestinal transplantation</td>
<td>L. Pironi (Italy)</td>
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<td><strong>Case Discussion and Test for the participants registered for LLL Live course</strong></td>
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Posters are displayed within G Area of the Swedish Exhibition & Congress Centre (Svenska Mässan).

Posters n° PP001-SUN to PP239-SUN, as well as LB001-SUN to LB026-SUN will be displayed on Sunday 4 September 2011.

Posters n° PP001-MON to PP240-MON, as well as LB001-MON to LB025-MON will be displayed on Monday 5 September 2011.

In order to allow free discussion on your poster, please ensure that the presenting author is present at your poster during the display day.

It is mandatory to ensure fruitful discussions during the poster session, that the presenting author or one co-author stays in front of the poster during the whole session (i.e. from 12.30 to 14.00).

There will be no guided visit of the poster this year, but several experts of your field will be invited to come along your poster at different times during this period.

The hanging and removal times are as follows:

PP001-SUN to PP239-SUN and LB001-SUN to LB026-SUN
Hanging: Saturday 3 September 2011, as of 16:30
Removal: Sunday 4 September 2011, before 18:00

PP001-MON to PP240-MON and LB001-MON to LB025-MON
Hanging: Monday 5 September 2011, as of 08:00
Removal: Tuesday 6 September 2011, before 10:30

IMPORTANT:

Posters not removed at the dismantling deadlines will be disposed of.
No possibility of retrieval exists.
All the necessary material will be available directly from the Posters help desk located at the entrance of the posters area or from the Posters desk at the registration area.
**Outstanding Poster 2011**

* Presenting Author

**Critical Care I**

**PP001-SUN**  
A RANDOMISED, DOUBLE-BLIND, CROSS-OVER STUDY OF THE EFFECT OF 1 LITRE INFUSIONS OF BALANCED AND UNBALANCED 6% HYDROXYETHYL STARCH SOLUTIONS ON BLOOD VOLUME, SERUM BIOCHEMISTRY AND RENAL BLOOD FLOW IN HEALTHY HUMAN SUBJECTS  
A. H. Chowdhury* - E. F. Cox - S. T. Francis - D. N. Lobo

**PP002-SUN**  
ENERGY REQUIREMENTS IN BRAIN INJURED CRITICALLY ILL PATIENTS  
P. Koukissia - A. Kokkinis* - M. Bitzani

**PP003-SUN**  
The use of predictive methods in the determination of ree in critically ill patients. Is it reliable?  
A. Kokkinis* - P. Koukissia - M. Bitzani

**PP004-SUN**  
CRITICAL CARE 24 X 7: BUT, WHY IS CRITICAL NUTRITION INTERRUPTED?  
B. Shankar* - D. Dk - L. Ranganathan - R. Nagarajan

**PP005-SUN**  
HYPOCALORIC ENTERAL NUTRITION PROTECTS AGAINST HYPOGLYCEMIA ASSOCIATED WITH INTENSIVE INSULIN THERAPY IN THE SURGICAL ICU  

**PP006-SUN**  
GENDER DIFFERENCES IN NEUTROPHILS APOPTOSIS, BLOOD CORTICOSTERON, INSULIN AND GLUCOSE LEVELS DURING ENDOTOXEMIA OF MICE  

**PP007-SUN**  
ARGININE REDUCES INFECTIONOUS COMPLICATIONS IN HEAD-INJURY RATS  
C. Moinard* - S. Barbar - C. Choisy - M.-J. Butel - M. Hasselmann - L. Cynober - C. Charneau

**PP008-SUN**  
ENTERAL NUTRITION WITH EPA, CLA AND ANTIOXIDANTS IN MULTIPLE TRAUMA (MT) PATIENTS: PRELIMINARY RESULTS OF A PROSPECTIVE, RANDOMIZED, DOUBLE BLINDED STUDY  

**PP009-SUN**  
LONGITUDINAL ASSESSMENT OF PLASMA AND WHITE CELL VITAMIN C STATUS IN PATIENTS WITH CRITICAL ILLNESS  

**PP010-SUN**  
INDIRECT CALORIMETRY IN INTENSIVE CARE: AN AUSTRALIAN PERSPECTIVE  

**PP011-SUN**  
FUNCTIONAL AND NUTRITIONAL ASSESSMENT OF CRITICALLY ILL PATIENTS UNDERGOING WEANING: A PROSPECTIVE CONSORT STUDY  

**PP012-SUN**  
MODERATE CALORIC INTAKE BY ENTERAL NUTRITION IS ASSOCIATED WITH IMPROVED OUTCOME IN PATIENTS WITH SEVERE SEPSIS AND PROLONGED ICU STAY  
G. Elke* - E. Kuhrt - M. Ragaller - D. Schäder - I. Freich - F. M. Brunkhorst - N. Weiler

**PP013-SUN**  
ROLE OF ARGinine SUPPLEMENTATION AND NITRIC OXIDE ON INTESTINAL PERMEABILITY  

**PP014-SUN**  
IMPORTANCE OF GLUTAMINE SUPPLEMENTATION IN CRITICALLY ILL PATIENTS  
I. Luca Vasilii* - L. Mirea - R. Ungureanu - A. Balanescu - D. Fagnani - P. Orlandoni

**PP015-SUN**  
EVALUATION OF A NONINVASIVE METHOD, SENSEWEAR PRO FOR CALCULATION OF ENERGY EXPENDITURE IN VENTILATED INTENSIVE CARE PATIENTS COMPARED WITH INDIRECT CALORIMETRY AND PREDICTIVE EQUATIONS  

**Geriatrics I**

**PP016-SUN**  
REDUCED OLFATORY FUNCTION IS NOT A RISK FACTOR FOR MALNUTRITION IN GERIATRIC PATIENTS  
C. Smoliner* - A. Fischdeck - C. Sieber - R. Wirth

**PP017-SUN**  
NEW EXPERIMENTAL APPROACH TO HOME ENTERAL NUTRITION (HEN) IN FRAIL ELDERLY PATIENTS: INTENSIVE MONITORING BY HEALTH CARE PROFESSIONALS AND THE USE OF TECHNOLOGICAL DEVICES  
C. Verrando - N. Giorgini - C. Cola - D. Sparvoli - C. Siroli - N. J. Peladic - N. Castorani - D. Fagnani - P. Orlando

**PP018-SUN**  
NUTRITION IN DYSPHAGIA: COMPARISON BETWEEN FIBEROPTIC ENDOSCOPIC EVALUATION OF SWALLOWING (FEES) AND CLINICAL EXAMINATION  

**PP019-SUN**  
NUTRITIONAL SCREENING AND MORTALITY IN NEWLY INSTITUTIONALISED ELDERLY: A COMPARISON BETWEEN THE GERIATRIC NUTRITIONAL RISK INDEX AND THE MINI NUTRITIONAL ASSESSMENT  

**PP020-SUN**  
BODY MASS INDEX AND MORTALITY IN INSTITUTIONALISED ELDERLY  

**PP021-SUN**  
RANDOMIZED CONTROLLED TRIAL IN CARE HOME RESIDENTS SHOWS IMPROVED QUALITY OF LIFE (QOL) WITH ORAL NUTRITIONAL SUPPLEMENTS  

**PP022-SUN**  
RANDOMIZED CONTROLLED TRIAL SHOWS GREATER TOTAL NUTRITIONAL INTAKES WITH LIQUID SUPPLEMENTS THAN DIETARY ADVICE IN CARE HOME RESIDENTS  

**PP023-SUN**  
DYSPHAGIA AND COGNITIVE IMPAIRMENT INCREASE THE RISK OF MALNUTRITION IN NURSING HOME RESIDENTS – NEW DATA FROM THE NUTRITIONDAY IN EUROPEAN NURSING HOMES  
E. Kiesewetter* - C. Rendschler - M. Riedmann - M. Mouhieddine - R. Seidell - J. Seidell - M. van Bokhorst - de van der Schueren

**PP024-SUN**  
FALL INCIDENTS DECREASE AFTER SHORT-TERM ORAL NUTRITIONAL INTERVENTION IN MALNOURISHED ELDERLY PATIENTS: A RANDOMIZED CONTROLLED TRIAL  
F. Neelamatt* - P. Lips - J. Bosmans - A. Thijs - J. Seidell - M. van Bokhorst - de van der Schueren

**PP025-SUN**  
EFFECTS ON ENERGY INTAKE BY AN ENERGY RICH FORMULA DISTRIBUTED AT MEDICATION ROUNDS TO ELDERLY CARE RESIDENTS - A RANDOMISED CONTROLLED TRIAL  
G. Faxon Irving* - S. Tyner - T. Cederholm

**PP026-SUN**  
INITIAL BIOELECTRICAL IMPEDANCE ANALYSIS PREDICTS 6-MONTH MORTALITY IN EARLY GERIATRIC REHABILITATION  
G. M. Scharrschmidt*
PP027-SUN  
**ATTEMPT TO IMPROVE THE INTESTINAL MICROFLORA IN ELDERLY PATIENTS WITH AN ENTERAL NUTRITION FORMULA CONTAINING FRUCTOOLigosaccharides**

H. Akatsu* - Y. Toyama - T. Yamamoto - M. Maruyama

PP028-SUN  
**IS OVERWEIGHT AND/OR OBESITY ASSOCIATED WITH NEGATIVE HEALTH CONSEQUENCES FOR 85 YEAR OLDS? A SWEDISH POPULATION-BASED STUDY**

H-J. Dong* - M. Unesson - E. Wressle - J. Marcussen

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**Liver and gastrointestinal tract I**

**Sunday 4 September 2011 - 12:30 - 14:00**

PP029-SUN  
**VITAMIN D DEFICIENCY AND OSTEOPENIA ARE COMMON IN PATIENTS WITH MIDGUT CARCINOID**

A. Lind* - L. Ellegråd - B. Wingberg

PP030-SUN  
**REVIEW OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY (PEG) TUBE INSERTIONS IN A LARGE TEACHING HOSPITAL**

A. C. Mc Hugh* - C. Browne - D. Mc Cormack - S. Brady - Y. Lydon

PP031-SUN  
**A UNIQUE ACTIVE INGREDIENT TO FACILITATE FAT DIGESTION - A NEW PRODUCTION METHOD FOR BOVINE GALL BLADDER EXTRACT**


PP032-SUN  
**BENEFITS OF STRUCTURED SN-2 MONOACLYLCYLCEROLS TO DELIVER EICOSAPENTAENOIC ACID (EPA) IN A MODEL OF LIPID MALABSORPTION**

C. Cruz Hernandez* - M. Oliveira - J. Moulin - I. Masserey-Elneley - F. Dioniisin - F. Destaillats

PP033-SUN  
**DECREASED POSTPRANDIAL FGF-19 SERUM LEVELS IN NON-OBESE NAFLD PATIENTS**

D. Friedrich* - F. Lammert

PP034-SUN  
**OPHTHALMIC ACID: A PROMISING BIOMARKER FOR LIVER FUNCTION**

E. Neis* - S. Dello - M. de Jong - H. van Eijk - C. Dejong

PP035-SUN  
**DYSLIPIDEMIA AND CARDIOVASCULAR RISK AFTER LIVER TRANSPLANTATION**


PP036-SUN  
**ALTERATIONS OF CAROTENE AND CAROTINE PALMITOYLTRANSFERASE I ACTIVITY DURING LIVER REGENERATION AFTER PARTIAL HEPATECTOMY IN RATS**

H-S. Lai* - S-C. Wu - S-L. Lai - W-J. Chen

PP037-SUN  
**THE SAFETY OF EARLY DIET AFTER EMERGENCY GASTROINTESTINAL SURGERY**


PP038-SUN  
**OUTCOME OF PATIENTS REFERRED FOR INTESTINAL OR MULTIVISCERAL TRANSPLANTATION - A SINGLE CENTRE EXPERIENCE**

J. Varkey* - M. Simrén - L. Oesmoen - M. Gébel - G. Herlenius

PP039-SUN  
**AST TO PLATELET INDEX IS PREDICTIVE OF CIRRHOSIS BUT NOT OF FIBROSIS IN PEDIATRIC PATIENTS WITH INTESTINAL FAILURE**

K. M. Gura* - J. J. Diaz Martin - J. Roda - C. Lo

PP040-SUN  
**TRANSLATING PLASMA CITRULLINE CONCENTRATION IN CLINICAL PRACTICE**

L. Pironi* - M. Guidetti - F. Agostini - C. Pazzeschi - R. Petitto

PP041-SUN  
**INTESTINAL ABSORPTION AND TRANSIT TIME OF DIFFERENT LIQUID DIETS IN TYPE 1 SHORT BOWEL SYNDROME**

L. Pironi* - M. Guidetti - F. Agostini - C. Pazzeschi - R. Petitto

PP042-SUN  
**EXCESSIVE WEIGHT LOSS/WEIGHT GAIN BEFORE AND AFTER LIVER TRANSPLANTATION**


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**Nutrition and cancer I**

**Sunday 4 September 2011 - 12:30 - 14:00**

PP043-SUN  
**THE NUTRITIONAL STATUS AND QUALITY IN PATIENTS OF PALLIATIVE CARE CLINIC**

A. Tich* - R. Hyspler - M. Simkova - S. Filip - L. Slovacek - Z. Zadak

PP044-SUN  
**THE ESPEN ANOREXIA SCORE IS A RELIABLE TOOT TO QUANTITATIVELY AND QUALITATIVELY ASSESS APPETITE IN UNSELECTED CANCER PATIENTS**

A. Laviano* - K. Sanchez-Lara - L. Gioulbasanis - G. Ronzani - F. Rossi Fanelli

PP045-SUN  
**AN OMEGA-3 RICH LIPID INFUSION CAN HELP PREVENT TUMOUR-RELATED WEIGHT LOSS IN PATIENTS WITH ADVANCED PANCREATIC CANCER**


PP046-SUN  
**SERUM TRIGLYCERIDE LEVELS, SAFETY AND TOLERABILITY OF HIGH-DOSE-RATE INFUSION OF OMEGA-3 RICH LIPID EMULSION IN PATIENTS WITH ADVANCED PANCREATIC CANCER**


PP047-SUN  
**AN OMEGA-3 RICH LIPID INFUSION IN COMBINATION WITH GEMCITABINE CAN IMPROVE QUALITY OF LIFE IN PATIENTS WITH ADVANCED PANCREATIC CANCER**


PP048-SUN  
**CAN BASELINE MUSCLE MASS BE PREDICTED IN WEIGHT STABLE PATIENTS WITH CANCER?**


PP049-SUN  
**LOSS OF FAT FREE MASS OCCURS DURING NEO-ADJUVANT CHEMOTHERAPY FOR UPPER GI CANCER**


PP050-SUN  
**UPPER AND LOWER LIMB MUSCLE MASS IN PATIENTS UNDERGOING SURGERY FOR UPPER GI CANCER**

A. J. Macdonald* - M. Esposito - C. Gray - N. A. Stephens - C. Greig - K. C. Fearon

PP051-SUN  
**SENSORY ANALYSIS OF RED MEAT PREPARATIONS BY CANCER PATIENTS SUBMITTED TO CHEMOTHERAPY TREATMENT**

N. L. Ladivez - A. C. A. Colucci*

PP052-SUN  
**THE EFFECT OF ENTERAL FEEDING ON NUTRITIONAL STATUS IN PAEDIATIC CANCER PATIENTS**


PP053-SUN  
**THE PREVALENCE AND PROGNOSTIC VALUE OF PRE-CACHEXIA AND CACHEXIA AT DIAGNOSIS OF STAGE III NSCLC**

B. S. van der Meij* - C. P. Schoonbeek - J. A. Langius - E. F. Smit - M. Muscaritoli - P. A. van Leeuwen

PP054-SUN  
**CHANGES OF NUTRITIONAL STATUS AND NUTRIENT INTAKE BEFORE AND AFTER THE RADIOTherapy AMONG MALE PATIENTS WITH GASTRIC CANCER SURGERY**


PP055-SUN  
**NUTRITIONAl RISK ASSESSMENT IN CANCER PATIENTS: COMPARATIVE OF SUBJECTIVE ASSESSMENT BY HEALTH CARE PROVIDERS VERSUS NUTRITIONAL RISK SCREENING 2002 (NRS)**


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**THE NUTRITIONAL SUPPORT IN CANCER PATIENTS NEEDS IMPROVEMENT**


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<td>L. Bizari* - J. S. Marchini - V. M. M. Suen</td>
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<td>PP121-MON</td>
<td>EVALUATION OF FAT MASS IN PATIENTS WITH SHORT BOWEL SYNDROME BY TWO METHODS: BIOIMPEWDANCE AND ADIPOMETEM</td>
<td>L. Bizari* - J. S. Marchini - V. M. M. Suen</td>
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PP135-MON COMPLICATIONS IN HOME PARENTERAL NUTRITION PATIENTS: A RETROSPECTIVE COMPARISON OF IMPLANTED PORT DEVICE AND EXTERNAL TUNNELLED CVC (GROSHONG)

PP134-MON BODY COMPOSITION CHANGES WITH AGING: LIFESTYLE RISK FACTORS AMONG EGYPTIAN WOMEN
M. E. Zaki* - S. Kamal - M. Al-Tohamy - W. Kandeel

PP133-MON NUTRITIONAL CARE IN SWEDISH STROKE UNITS FROM NURSE MANAGERS' PERSPECTIVE – A NATIONAL SURVEY
M. Wentzel Persenius* - E. Carlsson

PP132-MON INDIRECT CALORIMETRY IN MECHANICALLY VENTILATED PATIENTS: A SYSTEMATIC COMPARISON OF THREE INSTRUMENTS

PP131-MON TRANSLATION AND VALIDATION OF THE SPANISH VERSION OF THE EATING ASSESSMENT TOOL-10 (EAT-10) FOR THE SCREENING OF DYSPHAGIA
R. Burgos* - B. Sarto - H. Segurola - A. Romagosa - C. Puiggros - C. Vazquez - K. Araujo - C. Pérez-Portabella

Nutritional assessment IV
Monday 5 September 2011 - 12:30 - 14:00

PP142-MON A THREE-STAGE EVALUATION OF THE SPINAL NUTRITION SCREENING TOOL (SNST) IN PATIENTS WITH SPINAL CORD INJURIES (SCI) - RESULTS FROM A UK MULTICENTRE VALIDATION STUDY
S. Wong* - F. Demy - G. Grimble - A. Forbes

PP143-MON VALIDATION OF THE SCREENING TOOL FOR THE ASSESSMENT OF MALNUTRITION IN PAEDIATRICS (STAMP) IN PATIENTS WITH SPINAL CORD INJURIES (SCI)

PP144-MON APPENDICULAR SKELETAL MUSCLE MASS BY DEXA AND TANITA IN OBESE ELDERLY

PP145-MON TOTAL LYMPHOCYTE COUNT IS BETTER THAN BODY MASS INDEX PREDICTS HOSPITAL MORTALITY IN CARDIAC SURGERY
S. Efremov* - V. Lomivorotov - V. Boboshko - A. Svyadchenko

PP146-MON LEG MUSCLE mass IS ASSOCIATED WITH LEG MUSCLE STRENGTH IN MEN BEFORE LUNG OR LIVER TRANSPLANTATION
S. Graf* - L. Gerton - M. Grosclaude - C. Pichard

PP147-MON COMPARING BODY MASS INDEX AS PREDICTOR OF 5-YEAR MORTALITY WHEN CALCULATED FROM CURRENT AND MIDDLE AGE HEIGHT IN 82 YEAR OLD SWEDISH MEN

PP148-MON MALNUTRITION, QUALITY OF LIFE AND CANCER: ASSOCIATION BETWEEN DIFFERENT NUTRITIONAL PARAMETERS
S. P. Orlandi* - M. C. F. Assunção - C. A. Pastore - M. C. Gonzalez

PP149-MON APPROPRIATENESS OF NURSES’ CLINICAL JUDGEMENT IN SCREENING OF NUTRITIONAL STATUS IN AUSTRIAN HOSPITALS AND NURSING HOMES
S. Schönherr* - C. Lohmann

PP150-MON HOSPITAL NUTRITIONAL PATIENTS ASSESSMENT AND OUTCOME FROM MINAS GERAIS - BRAZIL

PP151-MON PARENTERAL NUTRITIONAL: ADHERENCE TO THE NATIONAL GUIDANCE ON NUTRITIONAL SCREENING AND OUTCOME

PP152-MON NUTRITION DAY 2011 AT SIRIRAJ HOSPITAL’S ICUS, BANGKOK, THAILAND

PP153-MON EXPERIENCE OF THE MALNUTRITION UNIVERSAL SCREENING TOOL IN A LARGE TEACHING HOSPITAL
S. Burden* - R. Brierley

PP154-MON PITFALLS IN SCREENING FOR MALNUTRITION: THE NURSING STAFF NEEDS TO BE CONVINCED
M. J. Catox - D. Diasso - L. Vinter-Jensen - B. A. Jacobsen - H. H. Rasmussen

PP155-MON PERCUITANEOUS ENDOSCOPIC JEUNOSTOMY (PEJ) WITH SOFT BALLOON METHOD

PP156-MON YOUNG ELITE MALE HOCKEY PLAYERS NEED INDIVIDUAL HYDRATION MONITORING
T. Devreker* - M. Vercammen - B. Hauser - Y. Vandenplas
PP157-MON YOUNG ELITE MALE hormones START EXERCISE HYPOHYDRATED
T. Deveker* - L. Wouters - M. Verswijnen - B. Hauser - Y. Vandenberg

PP158-MON SPINAL SHRINKAGE AND DEHYDRATION IN ELITE MALE JUNIOR FIELD HOCKEY PLAYERS
T. Deveker* - B. Hauser - Y. Vandenberg

PP159-MON SHORT BOWEL SYNDROME: NUTRITIONAL ASSESSMENT IN PATIENTS RECEIVING HOME PARENTERAL NUTRITION COMPARED TO PATIENTS ON ORAL NUTRITIONAL THERAPY
B. De Meester* - M. Kohler - L. Venter - B. M. Jacobsen - H. H. Rasmussen

PP160-MON DOES THE ACCESS TO SMALL DELICIOUS DISHES, 24 HOURS A DAY, HAVE A POSITIVE EFFECT ON NUTRITIONAL INTAKE IN PATIENTS AT NUTRITIONAL RISK?
T. Munck* - M. Nielsen - C. Biltz - A. Nielsen - W. Seidelin

PP161-MON ALBUMIN LEVEL AND ITS RELATIONSHIP WITH MORTALITY AND PARENTERAL NUTRITION IN A TERTIARY HOSPITAL
L. F. Pegeur - P. J. N. Noguera

PP162-MON DRG ASSESSMENT OF THE IMPACT OF A NUTRITION SUPPORT TEAM ON REDUCTION OF MALNOURISHED IN-PATIENT MORTALITY
V. Faus Felipe* - C. Lopez-Martin - M. Garrido Siles - B. Tortajada Goltia - A. Jimena

PP163-MON PREVALENCE OF PATIENTS AT NUTRITIONAL RISK IN SURGICAL INTENSIVE CARE UNIT
Y. Shpat* - I. Kito - I. Ohri

PP164-MON A NATIONAL OBSERVATIONAL SURVEY ON HEALTH CARE WORKERS' NUTRITIONAL PRACTICES IN CANCER PATIENTS
X. Hébuterne* - J. Durand - S. Antoun - G. Calais - I. Krakowsky - C. Hannequin - P. Senesse

PP165-MON THE INFLUENCE OF MENSTRUAL CYCLE ON SERUM DIAMINE OXIDASE ACTIVITY IN HEALTHY WOMEN

PP166-MON DIETITIAN CHART RECORDING NEEDS IMPROVEMENT ACCORDING TO THE NCP BY ADA
S. M. Ali* - J. Edakkanambeth Varayil - D. G. Kelly

PP167-MON NURSES FROM PRACTICE AWARENESS ABOUT CLINICAL NUTRITION
Z. Kala Grofova*

Nutritional epidemiology II Monday 5 September 2011 - 12:30 - 14:00

D. Panagiotakos - K. Tampalis - G. Psara - L. Sidossis*

PP169-MON IMPLEMENTATION OF UNDERNUTRITION SCREENING WITH NRS-2002 IN THE GASTROENTEROLOGY DEPARTMENT OF A TERTIARY ACADEMIC HOSPITAL
M. Arvanitakis* - B. Asuncion - S. Vereecken - A. Van Gossum

PP170-MON IMPROVING COMMUNICATION IN NUTRITIONAL PRACTICE: AN INTERVENTION STUDY

PP171-MON INADEQUATE KNOWLEDGE AND POOR ATTITUDE OF GREEK SURGEONS TOWARDS NUTRITIONAL SUPPORT

PP172-MON INFANT FEEDING PRACTICES AND PREVALENCE OF OBESITY AND OVERWEIGHT IN EIGHT EUROPEAN COUNTRIES

PP173-MON CENTRAL VENOUS CATHETER INFECTION IN CANADIAN HOME PARENTERAL NUTRITION PATIENTS: A 5-YEAR MULTICENTRE RETROSPECTIVE STUDY
O. Saqui* - G. Fernandes - J. Guerrero - J. Allard

PP174-MON NUTRITION RECORDING AUDIT HOW WELL ESPEN GUIDELINES FOR ENERGY INTAKE ARE FOLLOWED

PP175-MON MALNUTRITION, AGE AND IN-HOSPITAL MORTALITY
R. Cacciapulina* - E. Cereda - C. Klery - B. Cameletti - C. Bonardi - E. Montagna - P. Dionigi

PP176-MON NUTRITION DAY IN EUROPEAN HOSPITALS IN SPAIN 2006-2011, COMPARED WITH THE REST OF EUROPE
R. Burgos*

PP177-MON PREVALENCE OF MALNUTRITION IN PAEDIATRIC PATIENTS WITH SPINAL CORD INJURY
S. Wong* - A. Graham - G. Nimble - A. Forbes

PP178-MON IS CATHETER-RELATED-SEPSIS MORE COMMON IN PATIENTS WITH SHORT BOWEL SYNDROME ON HOME PARENTERAL NUTRITION SUPPORT?
S. M. Ali* - J. Edakkanambeth Varayil - D. G. Kelly

PP179-MON FROM SINGLE EPISODE OF INFECTION TO MULTIPLE, WHAT PREDICTS THE TRAJECTORY?
S. M. Ali* - J. Edakkanambeth Varayil - D. G. Kelly

PP180-MON HOME ARTIFICIAL NUTRITION IN SWITZERLAND: A FIVE-YEAR (2005-2009) EPIDEMIOLOGICAL SURVEY
S. A. Shaw* - M. Kühlin - N. Wagener - Z. Stanga - R. Meier - P. E. Ballmer

PP181-MON NUTRITION SCREENING AT HOSPITAL ADMISSION IN TERTIARY MEDICAL UNIT IN CROATIA
T. Pavic* - N. Lubicic

PP182-MON NUTRITIONDAY 2011: THE RESULT OF A CHINESE HOSPITAL
T. Wang* - L. Zhang - N. Li - J. Li

PP183-MON CENTRAL VENOUS CATHETER INFECTION IN CANADIAN HOME PARENTERAL NUTRITION PATIENTS: A 5-YEAR MULTICENTRE RETROSPECTIVE STUDY
O. Saqui* - G. Fernandes - J. Guerrero - J. Allard

PP184-MON POSTOPERATIVE EARLY ENTERAL NUTRITION USING ENETRAL FORMULA WITH LOW NPC/N RATIO
M. J. Maruyama*

PP185-MON PREDICTORS OF RESTING ENERGY EXPENDITURE DURING PREGNANCY AND IN NON-PREGNANT STATE
M. Holst* - V. J. N. Noguera

PP186-MON IMPROVED TECHNIQUE CAN REDUCE VARIABLE CONTAMINATION RATES OF WARD PREPARED PARENTERAL DOSES
P. Austin* - S. McKenzie - M. Elia

PP187-MON GROWTH OF S. EPIDERMIDIS DIFFERS IN LIPID ALONE COMPARED TO PN AND IS INFLUENCED BY PH
P. Austin* - K. Hand - J. Palmer - K. Longmaid - D. Lamph - C. Willis - M. Elia

PP188-MON GLUCOSE AND LIPID IN PARENTERAL NUTRITION INDEPENDENTLY INFLUENCE GROWTH OF STAPHYLOCOCCI EPIDERMIDIS
P. Austin* - K. Hand - J. Palmer - K. Longmaid - D. Lamph - C. Willis - M. Elia


PP205-MON  INFLUENCE OF LEPTIN LEVEL ON BONE MINERAL DENSITY IN OBSESE CHILDREN M. Vahnenskaya* - A. Solntseva

PP206-MON  SARCOPEIN OBSESE ORPHREN AJURES AFFECT ADVERSE OUTCOME AFTER CARDIAC SURGERY M. Visser* - L. M. van Venrooij - L. Vupperhorst - R. de Vos - W. Wisselink - P. A. van Leeuwen - B. A. de Mol


PP210-MON  SAFETY EVALUATION OF THE DAILY INTAKE OF A DAIRY PRODUCT WITH CLA (C9-T11/T10-C12, 50%) IN OVERWEIGHT TYPE II PATIENTS L. Zurita-Rosa - C. Gomez-Candela - V. Loria-Kothen - S. Palma-Milla* - C. Fernandez - M. Villarino-Sanz - L. M. Bermejo

PP211-MON  DIETARY PATTERNS AND THE PREVALENCE OF METABOLIC SYNDROME IN NON-MENOPAUSE IRANIAN WOMEN S. Haddad Tabrizi* - M. Hajifaraji - F. Hossein Panah


Obesity and the metabolic syndrome II

Monday 5 September 2011 - 12:30 - 14:00
**Vitamins, antioxidants and minerals**

**Monday 5 September 2011 - 12:30 - 14:00**

**PP227-MON**
SERUM ZINC AND COPPER STATUS IN PATIENTS WITH MALABSORPTION SYNDROME  
A. Kanikowska* - M. Grymisi Javski - G. Mičelar

**PP228-MON**
VITAMIN D AND MUSCLE WASTING IN CANCER CACHEXIA  
F. Penna - D. Costamagna - F. Baccino - M. Mucaroti - P. Costelli - A. Camperi*

**PP229-MON**
LOW VITAMIN K1, RISK FACTOR FOR HIP FRACTURE IN ELDERLY  
A. Torbergsen* - L. O. Watne - T. B. Wyller - M. Mouw

**PP230-MON**
THE RELATION BETWEEN ACUTE CHANGES IN THE SYSTEMIC INFLAMMATORY RESPONSE AND PLASMA ASCORBIC ACID AFTER ELECTIVE HIP REPLACEMENT  
D. Talwar* - E. Bell - D. S. O'Reilly - D. C. Mcmillan

**PP231-MON**
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**PP232-MON**
THE CHANGES OF SERUM ZINC AND COPPER BALANCE AFTER CARDIAC SURGERY  
Y. Tsuchako* - Y. DOChi - M. Oyama - T. Noguchi

**PP233-MON**
EFFECTS OF GREEN TEA COMPONENTS ON PREVENTING UPPER RESPIRATORY TRACT INFECTION IN ADULTS: A RANDOMIZED CONTROLLED TRIAL  

**PP234-MON**
INTAKE OF AND PLASMA LEVELS OF VITAMIN K1 AND K2 IN LUNG AND HEART PATIENTS  

**PP235-MON**
SUPPLEMENTATION WITH FLAVAN-3-OL-RICH LYCHEE FRUIT EXTRACT INFLUENCES THE INFLAMMATORY STATUS OF LONG-DISTANCE RUNNERS  

**PP236-MON**
VITAMIN D STATUS OF PATIENTS RECEIVING HOME PARENTERAL NUTRITION  
N. Rotovnik Kozjek* - L. Petrica

**PP237-MON**
EFFECT OF FOLIC ACID ON TUMORAL AND NORMAL CELLS PROLIFERATION  
S. Hirsch* - D. Miranda - M. P. De la Maza - M. Montoya - A. M. Ronco - D. Bunout

**PP238-MON**
VITAMIN D STATUS AND DIETARY INTAKE OF VITAMIN D IN NORMAL-WEIGHT AND OBESE SWEDISH WOMEN  

**PP239-MON**
USEFULLNESS OF ORAL REHYDRATION SOLUTION FOR HYDRATION STATE DURING EXERCISE IN A HOT ENVIRONMENT  

**PP240-MON**
EFFECTS OF COMMON ANTI-EPILEPTIC DRUGS ON SERUM LEVELS OF HOMOCYSTEINE AND FOLIC ACID  
Z. Paknahad* - A. Ahmad Chitsaz - A. Hasan Zadeh - E. Sheklabadi

**Late Breaking Abstracts**

**Monday 5 September 2011 – 12:30 – 14:00**

**LB001-MON**
FISH OIL CAN INHIBIT FEVER THAT IS INDUCED BY LIPOPOLYSACCHARIDES IN RATS  
T. Shimizu* - D. Harada - M. Nakayama

**LB002-MON**
THE INTERPLAY BETWEEN MICRONUTRIENTS AND ANABOLIC HORMONES IN THE ELDERLY  

**LB003-MON**
ASSESSMENT WITH LIVER FUNCTION TESTS AND HYDROPEROXIDES IN SHORT-TERM VERY-LOW-BIRTH-WEIGHT NEONATAL PARENTERAL NUTRITION  
M. E. Ferreyra* - M. C. Ocaña - E. N. Bullón

**LB004-MON**
INTRADIALYTIC PARENTERAL GLUCOSE-ADDED AMINO ACIDS SUPPLEMENTATION EFFECTIVELY ACCELERATES BRANCHED-CHAIN AMINO ACIDS UPTAKE BY SKELETAL MUSCLE IN CHRONIC RENAL FAILURE PATIENTS ON HEMODIALYSIS  

**LB005-MON**
DOES APPETITE DECREASE IN ACCORDANCE WITH RENAL FUNCTION DECLINE IN JAPANESE PATIENTS WITH CHRONIC KIDNEY DISEASE?  
Y. Kanazawa* - T. Wada - A. Gondo - T. Nakao

**LB006-MON**
EFFECTS OF FISH OIL IN TOTAL PARENTERAL NUTRITION ON LIPID METABOLISM AND RELATED MRNA EXPRESSION IN SURGICALLY STRESSED RATS  
M. Tonomi* - T. Shimizu - D. Harada - M. Nishimura - M. Nakayama

**LB007-MON**
PAEDIATRIC LARGE SCALE HOSPITAL MALNUTRITION SCREENING IN FRANCE  

**LB008-MON**
ORAL REFEEETING AFTER DYSPHAGIA ASSESSMENT AND REHABILITATION BY NUTRITION SUPPORT TEAM  
T. Shimizu* - D. Harada - M. Nakayama

**LB009-MON**
GENDERSPECIFIC IMPACT ON MUSCLE DYSFUNCTION IN DISEASE-RELATED MALNUTRITION  
K. Norman* - N. Stobäus - J. Schulze - L. Valentini - M. Pirlich
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<td>LB010-MON</td>
<td>LEAN BODY MASS IS MAINTAINED BY µ-HYDROXY-µ-METHYLBUTYRATE (HMB) DURING 10 DAYS OF BED REST IN ELDERLY WOMEN</td>
<td>N. E. Deutz* - N. P. Hays - S. L. Pereira - J. S. Oliver - N. K. Edens - C. M. Evans - R. R. Wolfe</td>
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<td>LB012-MON</td>
<td>ARTIFICIAL NUTRITION IN THE CRITICALLY ILL: BENEFIT OR METHODOLOGIC BIAS?</td>
<td>R. L. Koretz*</td>
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<td>LB013-MON</td>
<td>DIET VARIABILITY IN UNIVERSITY YOUNG WOMEN: ITS INFLUENCE OVER DIETARY EVALUATION CRITERIA</td>
<td>M. Pedro* - Y. Cortés</td>
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<td>LB017-MON</td>
<td>EVALUATION OF THE NUTRITIONAL STATUS AND LABORATORY DATA OF RISK NUTRIENTS IN A GERIATRIC HOSPITAL</td>
<td>M. Noreik* - R. J. Schulz</td>
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<td>LB020-MON</td>
<td>MINERAL INTERACTIONS IN CRITICAL CARE PATIENT</td>
<td>F. Daniela - L. Sáez - E. Milán - J. Molina - B. López González - A. Pérez de la Cruz - M. Rodríguez Elvira - E. Planells*</td>
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<td>LB023-MON</td>
<td>THE IMPACT OF THE IMPLEMENTATION OF A NUTRITION SUPPORT ALGORITHM ON NUTRITION CARE OUTCOMES IN AN INTENSIVE CARE UNIT</td>
<td>C. M. Kiss-Weberhofer* - L. Byham-Gray - R. Brody - R. Denmark - R. Lötscher</td>
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<td>LB025-MON</td>
<td>UPPER-BODY OBESE WOMEN ARE RESISTANT TO POSTPRANDIAL STIMULATION OF PROTEIN SYNTHESIS</td>
<td>F. Liebau* - M. D. Jensen - K.-S. Nair - O. Rooyackers</td>
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A name badge is provided on-site with your registration documents. Name badges must be visible and worn at all times anywhere within the Congress Centre. They have been colour-coded as follows:
Blue: ESPEN Members
Transparent: All participants
Green: Exhibitors
Red: Accompanying persons

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A certificate of attendance is included in the Congress bag together with some instructions. It is to be filled directly by the participant.

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The EACCME has granted this Congress 17 European CME Credits. Physicians can therefore claim up to 17 hours of European external CME credits. EACCME credits are recognised by the American Medical Association towards the Physicians’ Recognition Award (PRA). Delegates wishing to claim CME points must fill in the CME evaluation form (to be found in the delegate’s bag) and place the latter in the “Evaluation Box” located at the registration area. No CME will be given unless the evaluation form has been filled in correctly and returned during the event ONLY. No exception will be made.

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The Congress documents should be collected on-site at the Registration Desk during opening hours, at the Congress Centre.

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Exhibition Information
The ESPEN 2011 exhibition, featuring commercial displays of International Organisations, Pharmaceutical Companies, Media Publishers and Scientific Societies, is located in hall H next to room H1/H2. Coffee breaks and lunch boxes will be distributed around the exhibition.

Exhibition Schedule
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Food & Beverage
Coffee/tea and light snacks during official breaks are included in the registration fees and will be served around the exhibition area. There is a cash bar located in the hotel directly linked to the Congress Centre. It is open during the Congress opening hours. A lunch box is offered to each registered delegate (not to the accompanying persons) on Sunday 4 September and Monday 5 September 2011 around the exhibition area.

Languages
English is the official Congress language. No translation will be provided.

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A lost-and-found service is available at the registration desk.
CONGRESS INFORMATION

**Messages**
Participants can use the message board located in the registration area.

**Mobile Phones**
Delegates are kindly requested to keep their mobile phones in the off position in the rooms where scientific and educational sessions are being held, as well as during poster sessions’ rounds.

**On-site**
The desk for registration, information and distribution of documents is open as follows:
- Friday 2 September 2011 08:00-18:00 LLL Registration ONLY
- Friday 2 September 2011 17:00-19:00 Congress Registration
- Saturday 3 September 2011 08:00-21:00
- Sunday 4 September 2011 08:00-19:00
- Monday 5 September 2011 08:00-19:00
- Tuesday 6 September 2011 08:00-12:00

**Poster Sessions**
Posters sessions are located in Hall G close to the Rooms G1/G2 and G3. Please contact the Posters desk (in the registration area) for any information. To get the necessary material a table will be set-up within the poster area. The author must be present in front of his/her poster during Poster viewing for free discussion.

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The ESPEN 2011 Congress is a non-smoking event. It is forbidden to smoke in the Congress venue, including the exhibition & posters area. Smoking is not permitted in most indoor public areas nor on board domestic aircraft or other means of public transportation, in stores, shops or other public buildings. In restaurants and bars, smoking is forbidden.

**Speaker’s Preview Room**
The Speakers’ Preview Room is located within the Congress Hall Foyer, left to the registration area. Speakers are kindly requested to provide their PC formatted USB keys (PowerPoint presentations) to the Speaker’s Preview Room centre at least two hours before their session. All conference rooms contain state-of-the-art technical equipment.

The Speakers’ Preview Room is open as follows:
- Saturday 3 September 2011 08:00-19:00
- Sunday 4 September 2011 08:00-19:00
- Monday 5 September 2011 08:00-19:00
- Tuesday 6 September 2011 08:00-12:00
About Gothenburg
Gothenburg, situated in south-western Sweden on the shores of the Kattegat Strait, on both banks of the Götaälv River, is Sweden’s second largest city and its leading port and commercial centre. Cultural life in Gothenburg is found through the art museum, annual film festival, amusement park Liseberg and free theatres. Its economy is largely dependent on a number of major industries including motor vehicles (Volvo), the manufacture of ball bearings and the chemical industry.
Gothenburg is a relatively young town, having received its municipal charter from Gustavus Adolphus only in 1621. There had been four earlier settlements in the area, but all had been destroyed either by war or by fire. The early development of the town was much influenced by the Dutch settlers who had been brought in. The town quickly grew into Sweden’s largest port, engaged particularly in the shipment of timber and iron. During Napoleon’s continental blockade (1806) it was the focal point for British trade with northern Europe.
Gothenburg’s heyday as an international port began in the early 20th century with the development of transatlantic traffic, and it is now the base of about a quarter of the Swedish merchant fleet. With over 20km/12.5miles of quays, the port - which is rarely ice-bound - is the largest in northern Europe, and can accommodate tankers of up to 225,000 tons. The people of Gothenburg are open-minded and liberally disposed, and have always looked towards the West: in their eyes Stockholm is in Siberia. Gothenburg has built a bright new global reputation as one of Northern Europe’s most exciting and above all enjoyable gastronomic hubs. Gothenburg is a friendly and pleasant city of convenient size, where most of the many sights and attractions of international magnitude are located within easy walking distance, as are most shops, restaurants and cafés.
Some of the main sites of interest in Gothenburg are the Kungsportsavenyn (main boulevard), Gothenburg Museum of Art, Gothenburg Botanical Garden, Natural History Museum and the most popular destination - Southern Gothenburg Archipelago, only accessible by boat.

Climate and Clothing
Gothenburg has an oceanic climate. At the beginning of September, temperatures are quite cool, ranging between 9°C and 16°C (48°F and 61°F), and high precipitations can be expected.

Communication
For international calls to Sweden, dial the international code +46 and the correspondent’s number (without the 0).


**Credit cards / Cash machines**

Credit cards are widely accepted in Gothenburg by numerous hotels, restaurants, shops and petrol stations. The accepted credit cards are indicated by their logos displayed on the exterior facade of the respective business (usually on the entrance door). Cash machines are easily available in most areas. Be prepared to present a picture ID when using a credit card.

**CSR - Policy and Organisation**

The Swedish Exhibition & Congress Centre’s activities regarding sustainability (CSR work) are based on several commitments in the form of policies, memberships and programmes. The most important of these are:

- The Swedish Exhibition & Congress Centre and Gothia Towers fulfil Svenska Equality’s Accessibility Programme and are certified accordingly.
- The Swedish Exhibition & Congress Centre uses the City of Gothenburg Environmental Management System, and our complex is environmentally certified. The City of Gothenburg Environmental Diploma was awarded in recognition of our environmental policy, goals and detailed action plans. The Swedish Exhibition & Congress Centre’s buildings have been subject to an energy audit.
- The Swedish Exhibition & Congress Centre’s HR (personnel-related) policies include policies on equal opportunities, pay, leadership, safety, rehabilitation, alcohol, drugs, and discrimination.
- Our membership of the international organisation MCI (Mind, Communities, Ideas,)
  
  www.mci-group.com/about.aspx, adds insight to the Swedish Exhibition & Congress Centre’s CSR work.

For more information, please visit: www.svenskamassan.se/en/about-us/corporate-social-responsibility-at-the-swedish-exhibition-congress-centre

**Currency**

The local currency is the Krona (pl. kronor). 1 Krona = 100 Öre. Approximate exchange rate: 1 EUR = 9.35 SEK. Most banks, the manned ones, can exchange foreign currency. Credit cards are widely accepted in Sweden and the exchange rate is usually better than for cash or travellers cheques. It is advisable to find out what the commission is before proceeding with the transaction.

**Customs**

There are no limitations on the amount of foreign currency that can be brought into the country. The following items may be imported into Sweden without incurring customs duty: 200 cigarettes or 100 cigarillos or 50 cigars or 250g of tobacco; 1l spirits over 22 per cent or 2l fortified or sparkling wine, 2l wine and 32l beer; a reasonable quantity of perfume; gifts up to a value of SKr 1 700. Travellers must be over 18 years of age to import any cigarettes or tobacco products; and over 20 years of age to import any alcoholic beverages. These regulations are strictly enforced.

**Electricity**

Sweden has 230-volt AC, 50Hz current. Visitors will need an adaptor for electric appliances, whereas North Americans need a transformer in order to use their 110/125V appliances.

**Emergency numbers**

For all emergencies, please dial 112.

**Language**

Swedish is the official language in Sweden. English is common in hotels and tourist places and also spoken by most of the inhabitants.
Public transportation
Gothenburg has a very modern and efficient public transportation network which includes an elaborate tramway system, buses, and ferries. The city has over 200 trams, covering 11 different routes, all of which connect to other forms of transport. Gothenburg also bills itself as having "the world's most modern public transportation system", with electronic signs at all tram, bus, and ferry stops telling passengers exactly when the next one is coming and notifying passengers of any traffic delays the system. The information posted on the trams and stops is in Swedish only, so you should have a good idea of how the trip should go before starting. www.vasttrafik.se/en

Safety
Gothenburg is a quite safe city. However, beware of pickpockets. As always, do not leave valuable items in your car or in a cloakroom, and watch your bag in crowded places. Most shops and all major taxi companies accept credit and debit cards, so there is no need to carry a lot of cash.

Shopping
Department stores and most shops are open from:
Monday- Friday 09:30-18:00
Saturday 09:30-13:00/16:00
Sunday (department stores) 12:00-16:00
In Sweden, many convenience stores ("närbutiker") are open 07:00-23:00 in major cities, such as Stockholm, Gothenburg and Malmö.

Taxis
The concierge of your hotel can call a taxi for you, or you may want to call the following taxi companies:
"Taxi Göteborg": +46 (0)31 650 000 or "Taxikedjan" +46 (0)911-922 66.
Gothenburg’s taxis are one way of getting around in the city, although the meter ticks away alarmingly when you are stuck in the rush hour traffic. You can share the front seat with the driver if you wish. There is an initial charge when starting the journey. There is a slightly higher rate per kilometre if leaving the city limits. If you pay by credit card, it is necessary to inform the driver in advance.
Note! There are a lot of so called "Svart taxis" in Gothenburg. That means a person driving an ordinary car without a taxi license. Usually they come up to you asking if you would like a “Svart taxi”. We do not recommend you to take these taxis.

Time
Sweden follows Central European Time (CET) which is one hour ahead of Greenwich Mean Time (GMT) and six hours ahead of Eastern Standard Time (EST). At the time of the Conference, summer daylight saving will be in operation which is two hours ahead of GMT.

Tipping
Service charges are always included and extra gratuities are not necessary unless you wish to show your appreciation for a good meal or special service. Be guided by the type of establishment and the service you receive. A good rule in taxis is to even out the total kroner amount of the fare. Porters and coatroom attendants often charge fixed fees. Doormen at hotels and restaurants are tipped modestly in Sweden.

Travel Insurance
A travel insurance policy to cover theft, loss and medical problems is recommended. The Organising Secretariat as well as ESPEN will not be held liable for illness, accidents or thefts suffered by Participants or Accompanying Persons during the Congress or their stay in Sweden before, during or after the Congress. Participants are strongly recommended to seek insurance coverage for health and accident, lost luggage and trip cancellation.
Social Events

• Opening Ceremony on Saturday 3 September 2011, 14:00 - 15:00
  in the Congress Hall, with the participation of the AMANDA vocal ensemble.

Music - Meetings - Magic

The vocal ensemble AMANDA which was formed in 1981 in the Swedish city of Gothenburg is a melting pot of different musical interests. Baroque singers meet up with song writers, rock musicians with folkies - and they all have one goal in mind - to inspire and move an audience to the point of a unified release of emotional expression. And so with supreme ease and talent they play musical material from all ages and styles, incorporate themes from around the world into varying and exciting arrangements, create new forms and develop a style of music in which the realm of sound and play with color cross the limits of the known.

Amanda has toured extensively throughout Sweden and has travelled to Germany, France, Spain, Tenerife, Rio de Janeiro and more. With its unique stage presence and vocal expression, Amanda is continuously broadening its audience and the ensemble is always received with great enthusiasm.

Amanda is a proper mishmash of rock singers, folk musicians, pop artists, classically trained musicians and actors. That is why Amanda can offer something completely different by way of entertainment. This is not a conventional choir, not an orchestra, not a dance company, not a theatre troupe - this is Amanda!

• Welcome Reception on Saturday 3 September 2011, 18:45-21:00 at the Svenska Mässan, with the kind support of the Region Västra Götaland and the City of Gothenburg.

The Welcome Reception will begin at 18:45 with the group "Waterloo" performing ABBA in the Congress Hall.

After the show, come and enjoy a drink with your colleagues and friends in the Congress Foyer.

Waterloo - The ultimate tribute to ABBA

"Waterloo" was formed in Stockholm, Sweden in 1996 and quickly became known for its fantastic ABBA-sound and the stunning look-alike show they put on. The audience and press all agreed - "this is the closest to ABBA you'll ever get".

In total Waterloo has performed in more than 25 countries all over the world.

In 2004 Waterloo signed an exclusive management deal with Swedish production- & managing company FTS Showbusiness AB. Together with FTS, Waterloo is always making plans on how to develop the show and make it better and better.

The past few years have been extremely successful for Waterloo.

Waterloo brings one of the greatest phenomenon in the history of music back to life and will always give audiences all over the world what they're coming to see: "The Best ABBA since ABBA"
Excursions

The ESPEN 2011 Excursions are organised by our local partner Ovation Scandinavia.

Excursions will be confirmed if a minimum of 15 or 25 participants (depending on the tour, see details below) is met. Full refunds will be made if an activity is cancelled due to a lack of participants.

Meeting point for all tours: in front of the Excursions Desk located within the Registration area, at the Swedish Exhibition and Congress Centre/Svenska Mässan.

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Kronhusbodarna History Tour (by foot 2 hours)

Discover the oldest building from year 1625, located right in the city centre. The picturesque area of Kronhusbodarna is well known for its small craft workshops, including glass, gold, and pottery shops. The guide will share many interesting stories and anecdotes along the tour. You will for instance hear stories about the national hall built underground, which was used for important Government and Royal meetings.

- Date: Monday 5 September 2011
- Minimum number of participants: 15 persons
- Maximum number of participants: 25 persons
- Duration: Approx. 2 hours
- Departure time: 13:00
- Rate per person: EUR 19.- (VAT and guide included)

Included in the accompanying person’s registration fee

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Gothenburg Scandinavian design by bus and foot (3hrs)

Gothenburg is a vibrant and cosmopolitan city renowned as one of Northern Europe’s leading cities for contemporary culture and events, with a central canal, extensive parks and streets lined with cafes and restaurants; all hallmarks of the Dutch architect who designed the city under orders of the King in 1612. Scandinavian life is marked by a distinctive sense of style. You will notice striking Scandinavian design in buildings, shops, hotels, restaurants and even in the clothes people are wearing.

The participants will be able to see design buildings, visit preferred design stores and get an overall sense of the city at the same time.

- Date: Sunday 4 September 2011
- Minimum number of participants: 15 persons
- Maximum number of participants: 25 persons
- Duration: Approx. 3 hours
- Departure time: 12:00
- Per person rate: EUR 48.- (VAT included)

Included in the rate:
- English speaking authorised Gothenburg guide for 3 hours, specialised in design and architecture
- Visit to the Swedish department store NK and Designtorget
- Coach at disposal for 3 hours
ACKNOWLEDGEMENTS

The ESPEN 2011 Organising Committee wishes to express its gratitude to its sponsors and exhibitors

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Abbott Nutrition

Dept. 06MH / Bldg. AP34-3
200 Abbott Park road
60064-3537 Abbott Park. IL
USA
www.abbottnutrition.com

For over 85 years, Abbott Nutrition has been developing science-based nutritional products to support the growth, health and wellness of people of all ages. The company is a leader in nutritional products clinically shown to address the distinct dietary needs of people with serious health conditions or special nutrient requirements. Abbott Nutrition is showcasing targeted nutritional products and devices including: its critical care range (Oxepa, Perative and Alitraq), Prosure®, Jevity® and Oxepa®, Abound®, Ensure®, Glucerna®, Nepro® and Suplena®.

Visit http://www.abbottnutrition.com for more information or contact Sarah Jones on tel.: +44(0)1628 77 3355

B. Braun Melsungen

www.nutrition-partner.com

Your Nutrition Partner to improve Life.

B. Braun is a globally operating family owned company with more than 41,000 employees. We share your goal of enhanced patient outcomes and your commitment to quality. That is why our innovative products and client-oriented services are characterized by clinical safety and consultancy.

Committed to the future of nutrition, B. Braun is presently making a futuristic investment into a state-of-the-art parenteral nutrition facility to support your expanding patient demands.

B. Braun success is based on expertise and dialogue and that is why we invite you to share in that expertise during our B. Braun Symposia at the ESPEN on Monday 05th September 2011

Biospace Co., LTD

518-10 Dogok 2-dong Gangnam-gu
Seoul 135-854
Korea

www.e-inbody.com

Obesity is at the root of many preventable and chronic illnesses. Biospace’s body composition analyser, the InBody, offers a more effective way to measure and hence monitor the treatment of obesity.

Until recently, most people believed that obesity could be precluded by simply losing a certain number of pounds. With the development of the InBody, Biospace has made the terms “body composition” and “body fat,” popular & helped educate people regarding the prevention of obesity.

The InBody, is the world’s first body composition analysis device that uses the 8-point tactile electrode system and direct segmental measurement. Health authorities in the United States, Japan, and elsewhere have validated the InBody for use in medical settings.

With the unparalleled performance of the InBody, Biospace has solidified its foundation. The plan for the future entails the company’s ongoing development and expansion into a comprehensive professional health care organization.
Complex changes occur in BODY COMPOSITION and fluid status during illness, and monitoring these biological changes can provide a clear insight for early diagnosis and treatment. As the need for non-invasive, non-intrusive diagnostic systems has increased and regular monitoring becomes more important, clinicians are seeking quick, solutions to monitor these changes.

BODYSTAT®, established for 21 years, will exhibit its latest multi-frequency Bioelectrical Impedance Analysis (BIA) device for the measurement of Nutritional Assessment.

Additionally, Bodystat’s ILLNESS MARKERTM & Phase Angle ASSESSMENT OF BODY CELL AND FLUID STATUS could lead to: earlier diagnosis of illnesses, more accurate prognosis, patient outcome prediction with greater certainty and reduction in hospitalization time and cost savings. The unique BODYSTAT® Illness Marker™ can be applied to any age & population group making it ideal for the assessment of patients that are hospitalised.

Covidien is a leading global healthcare products company that creates innovative medical solutions for better patient outcomes and delivers value through clinical leadership and excellence. We have a long association with providing enteral feeding solutions. Kangaroo ePump™ and Kangaroo Joey™ enteral feeding pumps can be programmed to deliver the optimal amount of nutrition and water to ensure patients stay well nourished, perfectly hydrated and safe. To support our enteral feeding pumps, we provide an extensive range of access devices to enable clinicians to make the best choice to optimise patient care.

The European Society for Clinical Nutrition and Metabolism (ESPEN) is an organisation in the field of parenteral and enteral nutrition and promotes basic and clinical research, basic and advanced education, organisation of consensus statements about clinical care and care quality control. European Parenteral and Enteral National Societies (PEN Societies) support the European Society for Clinical Nutrition and Metabolism (ESPEN) in form of block members e.g. British Society (BAPEN), German Society (DGEM), French Society (SFNEP), Spanish Society (SENPE), Austrian Society (AKE).
Fresenius Kabi AG  Sponsor  Else-Kröner-Strasse 1  61352 Bad Homburg  Germany  www.fresenius-kabi.com

Fresenius Kabi is dedicated to the therapy and care of critically and chronically ill patients inside and outside the hospital by providing intravenously administered drugs, infusion therapies, clinical nutrition and related medical devices. The company applies its long-standing expertise in pharmaceuticals and medical devices to support clinical staff and care professionals in the best therapy of patients. For more information about Fresenius Kabi, visit the company’s website at www.fresenius-kabi.com.

Geistlich Pharma  Booth n°19  Bahnhofstrasse 40  6110 Wolhusen  Switzerland  www.geistlich-pharma.com

The Swiss company Geistlich Pharma is specialized in regenerative medicine. The continuously growing company belongs to the Geistlich Group, which has been family owned since 1851. Geistlich Pharma develops and produces pharmaceutical and medicinal products with a worldwide distribution and provides valuable assistance in solving medical problems. Products such as the catheter lock solution TauroSept® originate from the company’s own research facilities in central Switzerland. TauroSept® is an antimicrobial catheter lock solution for the prevention and treatment of CRBSIs (catheter-related bloodstream infection) and is suitable for all vascular access and port systems.

Karger  Booth n°1  Allschwilerstrasse 10  4009 Basel  Switzerland  www.karger.com

S. Karger Medical Publishers is a publishing house whose publications in the field of nutrition include the journal ANNALS OF NUTRITION AND METABOLISM as well as several book series such as WORLD REVIEW OF NUTRITION AND DIETETICS. New releases presented during the congress include the titles ‘Healthy Agriculture, Healthy Nutrition, Healthy People’ and ‘Personalized Nutrition’. Publications are accessible online at www.karger.com/nutrition, with full-text search of articles, pay-per-view options and many other services. This Swiss-based privately-owned publishing house combines highly sophisticated production technology with customized services for its authors, editors and readers.

La Vie par un Fil  Booth n°2  Cité Mon Plaisir 1  85390 Cheffois  France  www.lavieparunfil.com

“La Vie par un Fil” is a French Association for the children who are affected by grave diseases or digestive deformations requiring an artificial nutrition. The artificial nutrition appears under 2 forms: the parenteral nutrition (by venous way) and the enteral nutrition (by gastric feeding tube/button).

“La Vie par un Fil” has for purpose of:
1. Break the isolation of families by organising big national or regional events
2. Inform about the disease, the organised infrastructures and the administrative questions
3. Impulse the mutual aid and facilitate the link with the medical structure & people
4. Revitalise and support the families
5. Facilitate the school and social insertion
Medgraphics Booth n°3
Oak Grove Parkway 350
St. Paul, MN 55127
USA
www.medgraphics.com

MEDGRAPHICS® delivers cardiorespiratory diagnostic solutions for early detection, efficient management and wellness worldwide. With +33 years of leadership and innovation our portfolio includes pulmonary function (from simple spirometry to body plethysmography); exercise testing with ECG / gas exchange; metabolic/nutrition assessment; IT Solutions featuring networking, EMR connectivity, and physician interpretation software to optimize testing; and a full line of ancillary accessories and supplies. Our corporate offices are in USA & Italy with representation in +75 countries.

Medithèque Bookshop Booth n°7
Rue des Moines 88
75017 Paris
France
www.meditheque.fr

Medical books and multimedia products in several languages from all leading publishers. Sales on site or online. www.meditheque.fr - Special promotional prices.

Micrel Medical Devices Booth n°4
Geraka Avenue 113
15344 Gerakas, Athens.
Greece
www.micrelmed.com

Experts in ambulatory infusion solutions since 1980, Micrel has developed a system dedicated to Home Parenteral Nutrition. Micrel continuously work with physicians, nurses and patients to fit the particular needs of the therapy. Specially designed, pumps address safety, mobility and comfort criteria. They are the lightest and the smallest pumps, having a long battery life, including usability and eliminate unnecessary alarms. The “All in one” Micrel giving sets do not need any adding of filter or valve, which strongly reduces septic risk, errors and set up time.

Designed to provide a real improvement of patients’ quality of life, tailor made accessories are integral part of a PN dedicated system, whether paediatric or adults.

Nestlé Health Science S.A. Sponsor
Rue des Remparts 2
1095 Lutry
Switzerland
www.nestlehealthscience.com

Nestlé HealthCare Nutrition, part of Nestlé Health Science, makes a positive difference in the nutritional health, well-being and quality of life of patients through the development and delivery of innovative, medically recognised branded nutritional solutions. Our range of solutions helps to optimise the nutritional intake of individuals whether their goal is to combat disease and/or recover better and faster or to stay healthy. Our range addresses normal and disease-specific nutritional needs and related services including patient and healthcare professional education and training. Nestlé Health Science has worldwide headquarters in Lutry (Switzerland).

Nutricia Sponsor
Schiphol Boulevard 105
1118 BG, Schiphol
Netherlands
www.nutricia.com

Nutricia is a specialised unit of Danone, with a mission to lead the use of Advanced Medical Nutrition in disease management. With its focus on science-based nutrition delivering proven consumer benefits and better clinical outcomes for patients, Nutricia supports Danone’s broader mission to bring health through food to as many people as possible. Medical Nutrition improves clinical outcomes and helps to manage or restore quality of life for patients who cannot gain the right nourishment from everyday food. Nutricia serves the most vulnerable, at every life stage, assuring optimal growth in the very young, supporting adults in recovery from injury or sickness, and helping the elderly to regain strength or maintain their activity and independence.
POA Pharma Scandinavia AB  Booth n°5
Box 24026
400 22, Gothenburg
Sweden, Denmark, Norway, Finland, Holland
www.poapharma.com
POA Pharma Scandinavia AB, is our name, however, on an everyday basis it’s just POA - A new type of pharmaceutical company: small, fast moving, and responsive with a focus on competence. Pharmaceuticals, medical nutrition and medical devices, that is a short description of POA. POA is active in 9 competence areas: Dermatology, Female Care, Gastro, Head&Neck, Medical Nutrition, Oral Medicine, Oncology, Psychiatry/Neurology/Abuse, Urology
In the exhibition we exhibit two unique Products based on the protein AF (Antisecretory Factor).
www.as-faktor.se, also a product group for treatment of PKU. Looking for a distributor in the Nordic area or interested in our products - a contact might be worthwhile.

PreKUlab Ltd.  Booth n°14
Revvej 41
4220, Korsoer
Denmark
www.prekulab.com
Medical Food for Metabolic Disorders. The world’s first company with LNAA for the dietary management of PKU. PreKUnil (LNAA) has been stable, safe, comfortable and successful management for all patients with PKU for over 25 years allowing liberalization of the diet and lowering Phe level in the brain through BBB. According to the clinical developments PreKUnil has been improved throughout the years. NeoPhe (LNAA) is the further generation of LNAA for PKU management and the first in the world that is able to reduce blood Phe level through GI tract and to lower Phe level in the brain. Clinically proven.

Smartfish AS  Booth n°21
Hoffveien 65
PO Box 77 Smestad
0309 Oslo
Norway
www.smartfish.no
Smartfish is a Norwegian biotech company developing synergistic, omega 3 based emulsions of active nutrients for brain health, heart health, immune system and recovery. Smartfish emulsions have a potent content of fresh (low-oxidised) marine omega 3. Specific applications have been developed for clinical nutrition, nutraceuticals/nutritional drinks, nutritional supplements and sports performance nutrition. The main purpose and emphasis of Smartfish is to develop nutritional solutions which modulate underlying mechanisms involved in specific diseases – Pharmaconutrition. This approach -and products – contribute to prevention, early treatment, and support during medical treatment of chronic diseases. The company has successfully patented its applications. Conducting clinical studies is another cornerstone of Smartfish. It makes us proud that independent researchers throughout the world now use Smartfish applications in their studies. Omega 3 rich compositions with amino acids, peptides, antioxidants and micronutrients applications tailored for indications such as cancer, cancer cachexia, immune function disorders, mental illnesses/disorders, stroke, general malnutrition.

Tanita Europe B.V.  Booth n°24
Hoogoorddreef 56-E
1101 BE Amsterdam
Netherlands
info@tanita.eu
www.tanita.eu and
Tanita proudly presents the MC980 Multi-frequency Body Composition Monitor. The latest BIA technology incorporating increased data display and flexibility via in-built Microsoft® Windows® software allowing a full analysis to be performed in 30 seconds. The data is analysed and displayed on the touch screen and printed onto a consultation sheet. Goals for weight and body fat can be set to increase motivation and demonstrate progress of any weight or fitness program. All user data can be stored and used for detailed trend analysis using data management software. The MC980 has been awarded NAWI & MDD.
Tauropharm GmbH is a life science company specialized in antimicrobial medical devices. One of the company’s core interests is to offer a safe and effective technology for locking central venous access devices (catheters and ports). TauroLock™, a non-antibiotic lock solution, which is capable of dramatically reducing catheter related blood stream infections (CRBSI) is free of side-effects. TauroLock™ is highly effective in eradicating bacteria and fungi and has been successfully tested on more than five hundred organisms, including multiresistant forms such as MRSA and VRE. It is to be used in dialysis, oncology, intensive care and parenteral nutrition.

To improve catheter patency TauroLock™ products contain 4% citrate and/or heparin (TauroLock™, TauroLock™-Hep100, TauroLock™-Hep500) and/or urokinase (TauroLock™-U25,000).

TG Eakin Limited is a medical device manufacturer located in Northern Ireland. For the past 30 years we have been dedicated to the production of high-quality skin protection products for use in stoma, wound and nutritional site care which are available through our Europe-wide distribution network.

Our new SURROUND skin protector is designed specifically for protection of feeding and drainage tube sites. Based on the same principles as Eakin Cohesive®, its skin friendly formulation will provide unrivalled skin protection against harmful tube site output, prolonged moisture damage and bumper pressure sores.

SURROUND fits discreetly between the tube bumper and the skin to provide an optimal moist healing environment.

Please visit us at Booth 18 for further information and to obtain some free samples!

Wisepress.com, Europe’s leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you – Wisepress will deliver worldwide. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers.
Enjoy it in Gothenburg, relieve the experience at home!

Dear Congress Participant,

Once again this year we will put on our website the presentations of the Educational Programme soon after the Congress is over. This will be a great opportunity for you to go back to the lectures you have attended and even those you have missed.

To open the presentations, you only need to make sure you have Adobe Acrobat® or Adobe Reader® on your computer (the latter can be downloaded for free on www.adobe.com).

Then, it’s simple as 1-2-3:

1. Go to www.espen.org/lectures
2. Select the lecture you’re interested in and click on the file name (underlined blue link) at the end of the line
3. You’re done!

The files contain the slides that were showed during the lecture.

These files will be available at this address until January 2012. They will then be moved to the Members-Only area, along with the Istanbul, Prague, Florence, Vienna and Nice lectures.

Along with the LLL programme, the ESPEN Virtual Library is a real educational value for ESPEN members! We wish you a great Gothenburg meeting, here and at home.

All the best,

Alessandro Laviano
Chairman of the Educational and Clinical Practice Committee

Rocco Barazzoni
Information Technology Officer

DISCLOSURE OF CONFLICT OF INTEREST

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At the time of printing, August 2011, we have the above conflict of interest information.

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