



**Course on**  
**Metabolic and Nutritional Issues in the ICU**  
Brussels, Erasme Hospital, May 29-30, 2018

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**May 29<sup>th</sup>, 2018**

08.30	<b>Registration – coffee</b>
09.00	<b>Introduction</b> Jacques Creteur (Brussels, Belgium)
09.05	<b>Metabolic response to stress</b> Jean-Charles Preiser (Brussels, Belgium)
09.25	<b>Microbiome in illness</b> Paul Wischmeyer (Durham, USA)
09.45	<b>Mitochondrial dysfunction</b> Arthur van Zanten (Ede, Netherlands)
10.05	<b>Discussion</b>
10.20	<b>Break</b>
10.45	<b>Bedside assessment</b>
11.05	- <b>Integrating tools to plan nutritional therapy</b> Elisabeth De Waele (Brussels, Belgium)
11.25	- <b>Capnometry</b> Art van Zanten (Ede, Netherlands)
11.45	<b>Body composition</b> Danielle Bear (London, UK)
12.05	<b>Nutrition to optimize post-ICU outcomes</b> Paul Wischmeyer (Durham, USA)
12.25	<b>Discussion</b>
12.40	<b>Lunch</b>

13.30	<b>Digestion and absorption of nutrients</b> André Van Gossum (Brussels, Belgium)
13.50	<b>Enteral nutrition, feeds, delivery methods</b> Danielle Bear (London, UK)
14.10	<b>Enteral nutrition: long term access</b> André Van Gossum (Brussels, Belgium)
14.30	<b>Discussion</b>
14.45	<b>Break</b>
15.00	<b>Intermittent feeding</b> Michael Casaer (Leuven, Belgium)
15.20	<b>Composition of standard nutritional formulas</b> Jean-Charles Preiser (Brussels, Belgium)
15.40	<b>Refeeding syndrome</b> Arthur van Zanten (Ede, Netherlands)
16.00	<b>Discussion</b>
16.15	<b>Early parenteral nutrition?</b> Elisabeth De Waele (Brussels, Belgium)
16.35	<b>Supplemental PN: when and for whom?</b> Jan Wernerman (Stockholm, Sweden)
16.55	<b>Clinical case discussion #1</b> Michael Casaer (Leuven, Belgium)
17.15	<b>Discussion</b>
17.30	<b>End</b>



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08.30	<b>Assessment of protein turnover</b> Jan Wernerman (Stockholm, Sweden)
08.50	<b>Protein needs</b> Paul Wischmeyer (Durham, USA)
09.10	<b>Protein delivery: can it be too much?</b> Michael Casaer (Leuven, Belgium)
09.30	<b>Bedside assessment of muscle function</b> Danielle Bear (London, UK)
09.50	<b>Combining nutrition and physical activity</b> Jean-Charles Preiser (Brussels, Belgium)
10.10	<b>Discussion</b>
10.25	<b>Break</b>
10.50	<b>Computer-assisted prescription: principles</b> Vincent Fraipont (Liège, Belgium)
11.10	<b>Computer-assisted prescription: clinical application</b> Arthur van Zanten (Ede, Netherlands)
11.30	<b>Case discussion #2</b> Jan Wernerman (Stockholm, Sweden)
12.30	<b>Lunch</b>

13.20	<b>Pharmaconutrition in the ICU: an overview</b> Vincent Fraipont (Liège, Belgium)
13.40	<b>Vitamin D</b> Jean-Charles Preiser (Brussels, Belgium)
14.00	<b>Selected aminoacids</b> Jan Wernerman (Stockholm, Sweden)
14.20	<b>Discussion</b>
14.30	<b>Evidence on lipids in parenteral nutrition in the ICU</b> Arthur van Zanten (Ede, Netherlands)
14.50	<b>Nutrition and blood glucose control in the ICU</b> Jean-Charles Preiser (Brussels, Belgium)
15.10	<b>Outcomes to assess the efficacy of nutrition care</b> Paul Wischmeyer (Durham, USA)
15.30	<b>Discussion</b>
15.40	<b>Monitoring nutrition in the ICU: ESPEN guidelines</b> Jean-Charles Preiser (Brussels, Belgium) & Michael Casaer (Leuven, Belgium)
16.00	<b>Round table: important messages</b> D Bear, M Casaer, JC Preiser, E De Waele, V Fraipont, A Van Gossum, A van Zanten, P Wischmeyer.
16.30	<b>Adjournment</b>