



**Course on
Metabolic and Nutritional Issues in the ICU**

Brussels, Erasme Hospital, May 29-30, 2018

May 29th, 2018

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

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



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

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