



## June 2<sup>nd</sup>, 2020

08.30	<b>Registration – coffee</b>
09.00	<b>Introduction</b> Jean-Charles Preiser (Brussels, Belgium)
	<i>The basics</i>
09.05	<b>Digestion and absorption of nutrients</b> Jean-Charles Preiser (Brussels, Belgium)
09.25	<b>Composition of standard nutritional formulas</b> Jean-Charles Preiser (Brussels, Belgium)
09.45	<b><i>Bedside measurement of energy expenditure</i></b> <b>Indirect calorimetry</b> Vincent Fraipont (Liège, Belgium)
10.05	<b>Capnometry</b> Arthur van Zanten (Ede, Netherlands)
10.20	<b>Discussion</b>
10.30	<b>Break</b>
10.40	<b>Metabolic response to stress</b> Jean-Charles Preiser (Brussels, Belgium)
11.00	<b>Mitochondrial dysfunction</b> Arthur van Zanten (Ede, Netherlands)
11.20	<b>Autophagy</b> Michael Casaer (Leuven, Belgium)
11.40	<b>Discussion</b>
11.50	<b>Break</b>
12.00	<b>Bedside assessment of gastrointestinal function</b> Karolien Dams (Antwerp, Belgium)
12.20	<b>Intermittent feeding</b> Michael Casaer (Leuven, Belgium)

13.00	<b>Lunch</b>
13.40	<b>Early parenteral nutrition?</b> Karolien Dams (Antwerp, Belgium)
14.00	<b>Vascular access – PICC line</b> Marianna Arvanitaki (Brussels, Belgium)
14.20	<b>Supplemental PN: when and for whom?</b> Vincent Fraipont (Liège, Belgium)
14.40	<b>Refeeding syndrome</b> Arthur van Zanten (Ede, Netherlands)
15.00	<b>Bedside assessment of body composition</b> Zudin Puthuchery (London, UK)
15.20	<b>Discussion</b>
15.40	<b>Break</b>
16.00	<b><i>Clinical case discussion #1</i></b> Michael Casaer (Leuven, Belgium) / Zudin Puthuchery (London, UK)
17.00	<b>End</b>



## June 3<sup>rd</sup>, 2020

08.30	<b>Protein intake and muscle function</b> <b>Protein turnover</b> Zudin Puthuchear (London, UK)
08.50	<b>Prehabilitation</b> Zudin Puthuchear (London, UK)
09.10	<b>Protein delivery: can it be too low?</b> Vincent Fraipont (Liège, Belgium)
09.300	<b>Protein delivery: can it be too much?</b> Michael Casaer (Leuven, Belgium)
09.50	<b>Discussion</b>
10.00	<b>Beside assessment of muscle mass and function</b> Jean-Charles Preiser (Brussels, Belgium)
10.20	<b>Prevention and treatment of ICU-acquired muscular weakness</b> Zudin Puthuchear (London, UK)
10.40	<b>Discussion</b>
10.50	<b>Break</b>
11.10	<b>Computer-assisted prescription</b> <b>Principles</b> Vincent Fraipont (Liège, Belgium)
11.30	<b>Clinical application</b> Arthur van Zanten (Ede, Netherlands)
11.50	<b>Discussion</b>
12.00	<b>Clinical case discussion #2</b> Karolien Dams (Antwerp, Belgium) / Vincent Fraipont (Liège, Belgium)
12.30	<b>Lunch</b>

	<b><i>Specialized nutrients</i></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>Vitamin C</b> Arthur van Zanten (Ede, Netherlands)
14.20	<b>Micronutrients</b> Michael Casaer (Leuven, Belgium)
14.40	<b>Discussion</b>
14.55	<b>Nutrition and blood glucose control in the ICU</b> Jean-Charles Preiser (Brussels, Belgium)
15.15	<b>Lipids in parenteral nutrition</b> Arthur van Zanten (Ede, Netherlands)
15.35	<b>Physical recovery after critical illness</b> Zudin Puthuchery (London, UK)
15.55	<b>Current guidelines: summary</b> Karolien Dams (Antwerp, Belgium)
16.25	<b>Round table: important messages</b> All speakers and participants
17.00	<b>Adjournment</b>