



The Intensive Connection



COURSE ON NUTRITION IN CRITICAL ILLNESS PROGRAMME APRIL 26-27, 2023

DAY 1, April 26, 2023

Morning session

09:00 Welcome, Rationale and Methodology

D. Bear & M. Casaer

09:30 Nutritional assessments

Moderators:

O. Rooyackers & E. Terblanche

Speakers:

D. Bear & M. Casaer & J. Gunst

Highlights of the session:

- Importance of Feeding *J. Gunst*
- Understanding Nutrition Research and “how muscle biopsies are harvested percutaneously” *M. Casaer*
- Nutritional Assessment *D. Bear*

11:00 BREAK

11:15 Enteral & Parenteral Nutrition

Moderators:

D. McWilliams & D. Pérez Torres

Speakers:

M. Casaer & A. Reintam Blaser & E. Terblanche

Highlights of the session:

- Essentials of enteral and parenteral nutrition prescription *E. Terblanche*
- Indications for enteral and parenteral nutrition *M. Casaer*
- Advantages/ disadvantages of enteral & parenteral nutrition *A. Reintam Blaser*

12:45 Q&A

D. Bear & O. Rooyackers

13:00 END MORNING SESSION DAY 1

13:00 LUNCH



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DAY 1, April 26, 2023

Afternoon session

14:00 Welcome back

D. Bear & Arthur Van Zanten

14:05 Clinical Case Workshop

D. Bear & M. Casaer

Enteral Nutrition in a Young patient with open abdomen and cardiac failure

14:50 Video analysis and perspective

Moderators:

A. Reintam Blaser & E. Terblanche

Speakers:

D. Bear & K. Boeykens

Highlights of the session:

- Or post pyloric placement GI tube *D. Bear*
- Endoscopic placement of a percutaneous gastrostomy tube *K. Boeykens*

15:30 BREAK

15:45 The time and dose dimension of energy and protein sources?

Moderators:

D. McWilliams & A. Van Zanten

Speakers:

D. Bear & K. Boeykens & O. Rooyackers & A. Van Zanten

Highlights of the session:

- Target requirements of energy and proteins *D. Bear*
How to measure REE via indirect calorimetry *K. Boeykens*
- Advantages and disadvantages of indirect calorimetry and predictive equations for estimating energy targets *K. Boeykens & O. Rooyackers*
- Buildup of energy and protein doses during acute disease and recovery *A. Van Zanten*

17:00 Q&A

J. Gunst & O. Rooyackers

17:15 Food for thought

D. McWilliams & E. Terblanche

17:30 END DAY 1



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COURSE ON NUTRITION IN CRITICAL ILLNESS PROGRAMME APRIL 26-27, 2023

DAY 2, April 27, 2023

Morning session

09:00 Welcome & recap DAY 1

D. Bear & M. Casaer

09:10 Food for thought

D. McWilliams & E. Terblanche

09:45 Advanced nutrition therapy

Moderators:

D. Bear & A. Van Zanten

Speakers: M. Casaer & J. Gunst & J. Gunst

Highlights of the session:

- Intermittent feeding, a “novel” feeding strategy
- Ketones, citrate and other atypical nutrients
- Micronutrients and electrolytes

J. Gunst

O. Rooyackers

M. Casaer

11:15 BREAK

11:30 Clinical Case Workshop on Parenteral Nutrition

M. Casaer & A. Reintam Blaser

12:15 Q&A

E. Terblanche

12:30 END MORNING SESSION DAY 2

12:30 LUNCH



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DAY 2, April 27, 2023

Afternoon session

13:30 Welcome back

D. Bear & D. Mc Williams

13:35 Evaluation of physical function and organization of early mobilization

Speakers:

D. Mc Williams & David Perez Torres

Highlights of the session:

- How to measure MRC SUM BED CYCLE AND MORE
- Evaluation of physical function in clinical practice and research
D. Mc Williams & D. Pérez Torres
- Timing of early mobilization, can it be too early *D. McWilliams*

14:45 Monitoring and Complications

Moderators:

O. Rooyackers & E. Terblanche

Speakers:

J. Gunst & A. Van Zanten

Highlights of the session:

- Controversies in glucose management in critically ill patients *J. Gunst*
- Refeeding syndrome including risk factors and prevention *A. Van Zanten*

15:35 BREAK

15:50 Clinical case Workshop Monitoring and Complications *K. Boeykens & A. Reintam Blaser*

16:50 Nutrition fellowships short tutorial

M. Casaer & O. Rooyackers

17:05 The Quiz of the Day

A. Reintam Blaser

17:30 Wrap up & END DAY 2

D. Bear & O. Rooyackers