

## Course

# Imaging and body composition assessment: An introduction to computed tomography and ultrasound

**16 October 2017, Groningen, The Netherlands**

### Objectives:

- To explain the role of muscle status evaluation in the assessment of malnutrition and sarcopenia
- To explain how CT scans and ultrasound can be utilized to evaluate muscle status
- To give a basic instruction on how to analyze and interpret CT scans
- To give a basic instruction on how to perform, analyze and interpret ultrasound

### Who should attend?

The international course is open to everyone interested in body composition assessment, for example researchers, physicians, dietitians/nutritionists, physiotherapists, and others.

The course will be taught in English.

### Registration:

Registration fee: €95

The number of participants is limited.

To register, please complete the online [form](#).

#### Location:

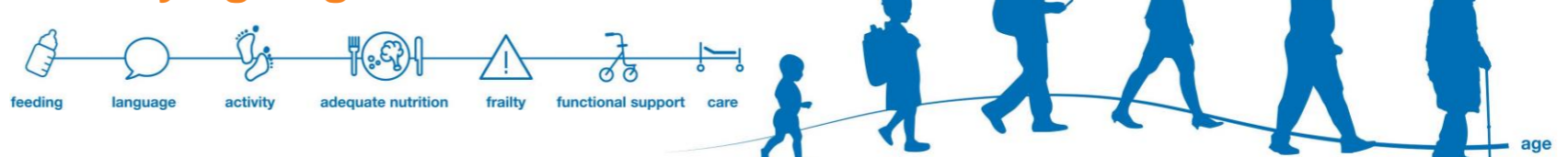
Hanze University of Applied Sciences  
Location Wiebenga  
Eijssoniusplein 18  
9714 CE Groningen  
The Netherlands

#### Contact details:

For any queries, please contact  
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## Program

9:30-10:00 Registration and coffee/tea

### Morning: theoretical background

10:00-10:10 Welcome and introduction

10:10-10:35 Body composition assessment: from classic anthropometry to modern imaging

10:35-11:00 The role of muscle status in the assessment of sarcopenia

11:00-11:25 Coffee/tea break

11:25-11:55 Computed Tomography in the evaluation of body composition: current state of the art

11:55-12:20 Computed Tomography: implications for clinical practice in oncology

12:20-13:00 An alternative method to quantify and qualify muscles: ultrasound

13:00-13:45 Lunch break

### Afternoon: hands-on training sessions (parallel sessions, 90 min each)

13:45-15:15 Session A: How to analyze and interpret CT scans – basic instruction  
Session B: How to perform, analyze and interpret ultrasound – basic instruction

15:15-15:45 Coffee/tea break and change of sessions

15:45-17:15 Session A: How to analyze and interpret CT scans – basic instruction  
Session B: How to perform, analyze and interpret ultrasound – basic instruction

17:15-17:45 Plenary discussion – wrapping up and evaluation

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### Speakers/teachers:

Abha Dunichand-Hoedl, University of Alberta, Cross Cancer Institute, Canada

Harriët Jager-Wittenaar, Hanze University of Applied Sciences, The Netherlands

Willemke Nijholt, Hanze University of Applied Sciences, The Netherlands

João Pedro Pinho, Centro Hospitalar Médio Ave, EPE, Portugal

Aldo Scafoglieri, Vrije Universiteit Brussel, Belgium

Martine Sealy, Hanze University of Applied Sciences, The Netherlands

Luiz da Silva, Intelametrix Inc., United States of America

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