

Course Program: Advanced Assessment Methods

6th of March Online Day 1

17:00 – 20:00 Lecturer Carlos Collares, moderator: Michal Nowakowski

- *Assessment of teaching, assessment of learning and assessment for learning.*
- *Programmatic assessment in medical education*

8th of March Online Day 2

17:00 – 20:00 Lecturer: Jose Miguel Pego, Michal Nowakowski

- *Progress testing – design, blueprinting, applications, possibilities*
- *Utilization of assessment for the evaluation of quality of teaching and examining*
- *Assessment of skills (technical, not-technical, communication skills)*

10th of March Day 3 – on site

9:00 – 12:00

- *MCQ item writing.*
- *Electronic systems for exam delivery support.*

12:00 – 13:00 Lunch brake

13:00 – 16:00

- *Automated item generation*

11th of March Day 4

9:00 – 12:00

- *OSCEs – writing stations, assessment of stations, how to make an exam.*
- *Psychometry*

12:00 – 13:00 Lunch brake

13:00 – 16:00

- *MCQ exam design*
- *Cut off points and standard setting*

15th of March Day 5

17:00 – 19:00 Jose Miguel Pego, Carlos Collares, Michal Nowakowski

- *Follow-up session: questions and answers, review of participants items and stations.*

Educators:

Miguel Pêgo is an Anesthesiologist and an Associate Professor at the School of Medicine, Braga, Portugal. He is interested in the effects of stress in emotional behavior. He teaches Pharmacology, Anesthesiology, Critical Care. He is responsible for the simulation training at the Clinical Skills Lab. He is certified by the NBME in the Fundamentals of Assessment in Medical Education course. He is on the Board of Directors for European Board of Medical Assessors. He founded the iCognitus, a company specialized in written assessment software, medQuizz. He published numerous papers on assessment and is an experienced educator for both pregraduate education and faculty development programs.

Carlos Collares is Assistant Professor of Medical Education at Maastricht University, the Netherlands. He is a specialist in Occupational Medicine (2003), and also hold Master degree and PhD in Psychology. His doctoral thesis studied how social cognitive career theory constructs can influence career choices of medical students regarding their specialty and practice location. His research focuses on assessment in the education of healthcare professionals, particularly, on progress testing, computerized adaptive testing, Rasch model, item response theory, cross-cultural adaptation assessment tools and validity. He is responsible for the development and implementation of a computerized adaptive edition of the International Progress Test for Maastricht University and in countries such as Finland, Saudi Arabia, and Mexico. Since January 2015 he also holds an appointment as Assessment Specialist for the European Board of Medical Assessors (EBMA), a European foundation with the mission of promoting best practice in assessment for learning in medical education. He is a member of the teaching staff of the Master of Health Professions Education program and a supervisor of MHPE candidates. He is a reviewer for several international journals and has significant experience in teaching faculty members on assessment methodologies and psychometry.

Michał Nowakowski is an Associate Professor at Jagiellonian University in Krakow. His medical training in General and Colorectal Surgery was merged with training in education and led to chairing Department of Medical Education at Jagiellonian University. He is also a founder and Board Member of Cracow Center of Competence Development – a company devoted to improvement of healthcare by influencing medical education and management. He specializes in technical and non-technical skills assessment. He published several papers on various aspects of medical education and run faculty development course in many medical schools in Poland and abroad.