

## **Integrated Case Exercises (ICE) – FOM1**

**FM-103** 17 course hours

Updated April 2021

The Integrated Case Exercises (ICE) curriculum aims to link the student's core learning through Foundations of Medicine (FOM) 1 and 2 to clinical problems that real patients face every day. The ICE curriculum in the first year of medical training (ICE-1) cross-links material from other FOM-1 courses and applies it practically in a clinical case setting.

There are 17 one-hour ICE sessions in the first year curriculum and the topics covered are intentionally very broad and draw on the knowledge of experts in relevant fields of medicine whenever possible. The goal is to treat a variety of subjects that display the interconnections of the basic medical sciences, clinical medicine and the humanistic side of practicing medicine. ICE utilizes interactive large group learning, incorporating technology and simulation to support faculty engagement from off-site and student learning.

After completion of ICE-1 course, the MS1 student will be able to:

- Understand the approach to solving a clinical problem using historical factors, physical exam findings, objective laboratory or imaging data in the generation of a basic differential diagnosis (Physician as a Clinical Problem Solver)
- Recognize succinct, informative presentation of a clinical vignette, given several possible examples of how to describe a patient to a colleague or consultant (Physician as a Communicator)
- Use knowledge integrated from multiple courses (basic science, physical diagnosis, doctoring skills) to understand rudimentary pathophysiology and anticipate symptomatology in complex medical cases that reinforce basic concepts regarding pathophysiologic states such as neoplasm, vascular disease, trauma, congenital, iatrogenic, and similar (Physician as a Clinical Problem Solver and Scientist)
- Recognize humanistic features of diseases (socio-economic, age-related, ethical) as contributors to clinical presentations and the management of disease state (Physician as a Professional and Clinical Problem Solver)
- Demonstrate knowledge of how individual physicians act in various roles within the broader medical system (Physician as a Professional)

Student performance assessment in ICE includes online assessments associated with each case, as well as participation in a Formative Assessment that is given each year.

### **Course co-leaders**

Mike Fahey, MD

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