

*Competency-Based Medical
Education:
Getting the Surgeon Ready*

Department of Surgery Meeting
5/23/2018



Competency-Based Medical
Education in
Surgical Foundations

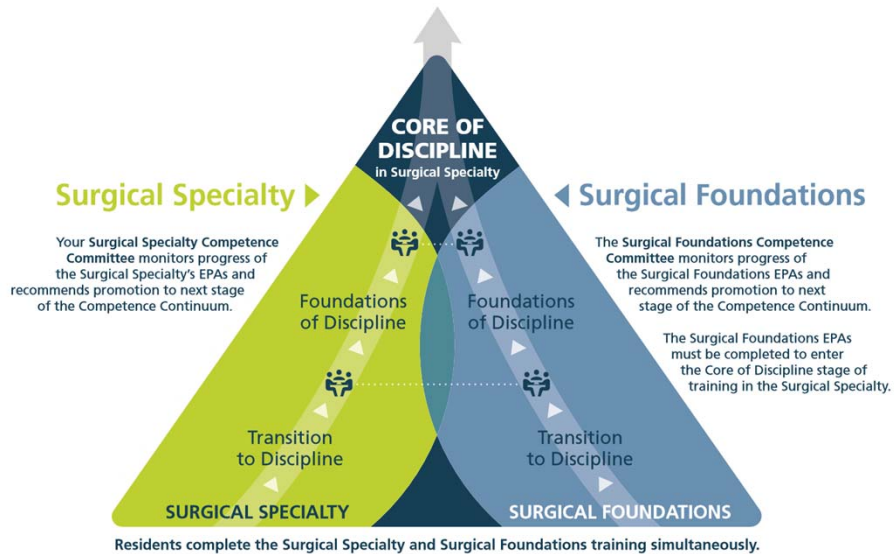
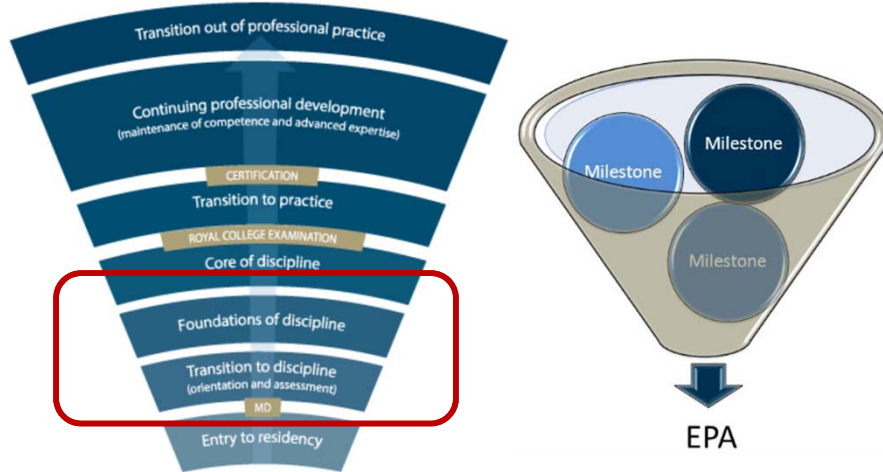
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Department of Surgery Meeting

5/23/2018



Competence by Design



CBME at Western

- Start date for Surgical Foundations: July 2018
- Other programs starting in July 2018:
 - Urology
 - Medical Oncology
 - Emergency Medicine
 - Nephrology
- Rolling start date for other programs

Competence by Design is NOT:

- More work for no reason
- Reducing excellence to mediocrity
- Going to reduce training time
- Optional

Surgical Foundations: Transition to Discipline Stage

- Timeline:
 - 3 months
- Home service in July
- Boot Camp (9 days) and ATLS
- Competence Committee meeting: October

Transition to Discipline Stage: Entrustable Professional Activities

1. Perform the pre-operative preparation of patients for basic surgical procedures
2. Initiate early management for critically ill surgical patients
3. Document clinical encounters
4. Demonstrate handover technique
5. Demonstrate the ability to function in the operating room
6. Repair simple skin incisions/lacerations
7. Manage tubes, drains and central lines

Transition to Discipline Stage

- **Example: Documenting Clinical Encounters**
 - Develop an initial management plan for common patient presentations in surgical practice
 - Seek and synthesize relevant information from other sources, including the patient's family, hospital records and other health care professionals, with the patient's consent
 - Organize information in appropriate sections within an electronic or written medical record
 - ...

Surgical Foundations: Foundations of Discipline Stage

- Timeline:
 - 12-18 months
- Clinical rotations to meet RCPSC standards of Surgical Foundations and home programs
- Includes Introduction to Surgery Course
- Competence Committee meeting twice/year

Foundations of Discipline Stage: EPAs

1. Provide initial management for critically ill patients
2. Provide initial management for trauma patients
3. Assess and perform risk optimization for pre-operative patients in preparation for surgery
4. Provide patient education and informed consent in preparation for surgical care
5. Demonstrate foundational aspects for surgical procedures
6. Participate in surgical procedures
7. Manage uncomplicated post-operative surgical patients
8. Manage post-operative patients with complications
9. Supervise junior learners in the clinical setting

Foundations of Discipline Stage

- ***Example: Provide initial management for critically ill surgical patients***
 - Develop a specific differential diagnosis relevant to the patient's presentation
 - Order and/or interpret appropriate investigations and/or imaging with sufficient attention to clinical details
 - Interpret common and simple imaging modalities
 - Consider urgency, and potential for deterioration...

Surgical Foundations: Royal College Examination

- Timing of examination moving!
 - Fall of PGY 2 (15 months into Surgical Foundations)
- Pro: *earlier assessment, better spacing before RCPSC exams for home programs*
- Con: *Critical Care exposure*

Expectations of Faculty and Residents

- Day-to-Day:
 - Provision of feedback
 - Surgeon, senior resident, medical student, nurse
 - Complete online assessments
 - Prompted by resident or surgeon
 - How many assessments?
 - Target: one per day per resident
 - Continuous assessment of EPA until Competence Committee evaluation

Expectations of Competence Committee

- Membership: Chair, Program Director, Program Administrator, 5 faculty
- Evaluate the EPA assessments of each resident
 - Decision: Meets competence, still in progress, not progressing/red flag
- Sign off on EPA once competence is achieved

Elentra:

the online tool for Surgical Foundations assessments

- (Formally known as Entrada)
- Online platform for resident assessments
 - Future: hub for competence committees, procedure logger, rotation schedules, objectives for rotations
- *Wait... What happened to the ePortfolio?*
 - Western (and many other schools) = Elentra

Summary

- CBD in Surgical Foundations starts in 6 weeks
- Longitudinal assessments of junior residents
- Online platform - Elentra
- Faculty participation is *KEY TO SUCCESS*

Questions?

