

**2018**

**VERSION 1.0**

**EDITORIAL REVISION 2019**

*These training requirements apply to those who begin training on or after July 1, 2018.*

The following training experiences are required or recommended, as indicated:

## **TRANSITION TO DISCIPLINE (TTD)**

The purpose of this stage in Surgical Foundations is to establish an individual's baseline for learning by assessing incoming knowledge and skills, and to provide an orientation to a new work and training environment.

### **Required training experiences (TTD stage):**

1. Clinical training experiences:

- 1.1. Any discipline providing direct primary surgical patient care

2. Other training experiences:

- 2.1. Orientation to Competence by Design, the Surgical Foundations program, and the expectations for training and assessment, including the documentation of activities in a Portfolio
- 2.2. Orientation to institutional policies and procedures including those for:
  - 2.2.1. Resident wellness
  - 2.2.2. Patient privacy and confidentiality and use of the electronic health record, digital images, and social media
  - 2.2.3. Occupational health and safety relevant to surgery including basic ergonomics, appropriate handling of sharps, radiation safety, fire safety and infectious hazards
  - 2.2.4. Respectful workplace
- 2.3. Orientation to the operating room suite and procedures
- 2.4. Focused experience providing early clinical and technical skills training (e.g., boot camp)
- 2.5. Simulation training experiences in technical procedures

## **FOUNDATIONS OF DISCIPLINE (F)**

At the completion of this stage of Surgical Foundations, the resident will be competent to provide pre-operative and post-operative management of patients undergoing elective or emergent surgical procedures, to participate in surgical procedures, and to provide basic management of patients following traumatic injury and of critically ill surgical patients.

### **Required training experiences (Foundations stage):**

1. Clinical training experiences:
  - 1.1. Critical care unit providing multidisciplinary care to critically ill patients
  - 1.2. Service providing initial trauma management (such as emergency medicine, general surgery, trauma team, orthopedic surgery, or plastic surgery)
  - 1.3. Inpatient surgical service
  - 1.4. Operative experience
  
2. Other training experiences:
  - 2.1. Academic curriculum that supports the Surgical Foundations Competencies for clinical training and knowledge requirements
  - 2.2. Advanced Cardiac Life Support (ACLS)
  - 2.3. Advanced Trauma Life Support (ATLS)
  - 2.4. Simulation activities for educational enhancement
  - 2.5. Formal instruction in working in teams

### **Recommended training experiences (Foundations stage):**

3. Other training experiences:
  - 3.1. Formal instruction in critical appraisal of literature and evidence informed decision-making, and/or journal club

## **CERTIFICATION REQUIREMENTS**

Completion of Surgical Foundations is a prerequisite for certification in nine Royal College surgical disciplines (Cardiac Surgery, General Surgery, Neurosurgery, Obstetrics and Gynecology, Orthopedic Surgery, Otolaryngology – Head and Neck Surgery, Plastic Surgery, Urology, and Vascular Surgery).

Promotion to the Core stage of training in the primary discipline requires successful completion of all elements of the Surgical Foundations Portfolio.

## SURGICAL FOUNDATIONS TRAINING EXPERIENCES (2018)

In addition to primary specialty-specific certification requirements, certification in the primary discipline requires the following:

1. Successful completion of all elements of the Surgical Foundations Portfolio; and
2. Successful completion of the Royal College examination in Surgical Foundations.

### NOTES

The Required Training Experiences in the Foundations stage of Surgical Foundations are intended to provide sufficient experience in a broad range and complexity of conditions relevant to surgery, with experience in surgical discipline(s) outside of the primary surgical specialty.

The program must provide the opportunity to participate in ACLS training, but it is recognized that many residents will have completed this certification in earlier training, and upon demonstrating active certification, will not be required to repeat the experience.

### MODEL DURATION OF TRAINING

Progress in training occurs through demonstration of competence and advancement through the stages of the Competence Continuum. Individual duration of training may be influenced by many factors, which may include but are not limited to the resident's singular progression through the stages, the availability of teaching and learning resources and/or differences in program implementation. Duration of training for any individual candidate is therefore at the discretion of the Faculty of Medicine, the Competence Committee, and the program director.

#### Guidance for programs

For planning purposes, the stages of the Competence Continuum in Surgical Foundations are generally no longer than four blocks for Transition to Discipline and 12 blocks for Foundations. However, since this training is integrated with residency in the primary specialty, and the sequence of experiences may vary, the duration of these integrated stages of training will be dependent on the resident's overall set of training experiences.

One block is equal to four weeks.

*This document is to be reviewed by the Surgical Foundations Advisory Committee by December 2019.*

**APPROVED** – Specialty Standards Review Committee – December 2017

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