CRASH Background and Objectives: "Surgical Competencies in Resuscitation and Stabilization of Hospital Patients"

Background

Surgical residents are expected to rapidly acquire knowledge and cognitive and technical skills in the first months of training. Although these residents shoulder the immense responsibility of providing care to the hospital’s most complex and unstable patients, competencies in resuscitation and stabilization are not always provided in a comprehensively and early in training.

Objective

The Surgical CRASH Course is a modular 1-month curriculum that emphasizes key cognitive and technical competencies in caring for unstable patients.

Overview

The CRASH Course will include in-depth comprehension of essential scientific literature, critical appraisal skills, fluency in resuscitation algorithms on trauma and critical care, familiarity with technical aspects of resuscitation, and effective communication and management skills in high intensity situations.

The course will incorporate a CanMEDS competency-based training platform and will be designed to integrate with existing activities on the UBC Surgical Foundations Program and the UBC General Surgery Program and residents will complete 2-3 relevant Fundamentals of Surgical Care (FSC) modules per week.

All aspects of the CRASH Course including quality and value of the curriculum, and resident performance are rigorously evaluated and the curriculum is continuously modified to meet educational needs. By the end of this Course residents will have obtained formal certification in the ATLS program, the FCCS program, the SRAT program, and the basic Ultrasound Program of the American College of Surgeons.

Residents will be excused from regular service activities but will still have nominal call responsibilities (which will allow immediate application and reinforcement of acquired competencies). Call will preferably be taken on Friday nights or Saturdays.