

**Postgraduate Course:
Operative Delivery and Maternal Care for General Surgeons
Skills Simulation Program**

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Target Audience

This simulation program is designed for practicing surgeons and residents both actively involved and interested in providing operative delivery and maternal care support in rural and remote communities and global surgery programs.

Course Overview

The course consists of a half day simulation session of practical surgical skills required in the assessment and management of challenging cases and complications in operative delivery for the General Surgeon.

Prerequisite: Completion of the CAGS Postgraduate Course – Operative Delivery and Maternal Care for General Surgeons: Managing Challenging Cases and Complications Webinar Series

CAGS is offering this course as part of a Certificate of Recognition in Operative Delivery and Maternal Care for General Surgeons. The goal of this certificate program is to provide General Surgeons with a competency-based framework to gain the skills and expertise to support safe operative delivery and maternal care programs in rural and remote communities and global surgery programs. For more information, please visit <https://cags-accg.ca/operative-delivery-and-maternal-care-for-general-surgeons-postgraduate-course/>.

Reference Textbook

Posner, G., Dy, J., Black A., and Jones, GD. (2013) Oxorn-Foote Human Labor and Birth (6e). McGraw-Hill.

Course Learning Objectives

By the end of the session participants will be able to:

- Describe and demonstrate an approach to examination of the vaginal vault and cervix in a bleeding postpartum patient
- Describe and demonstrate an approach to safe insertion and management of a Bakri balloon
- Describe and demonstrate an approach to uterine compression sutures
- Describe and demonstrate an approach to subtotal hysterectomy
- Describe and demonstrate an approach to repair of postpartum complex perineal tears
- Describe and demonstrate an approach to breech extraction in cesarean section
- Describe and demonstrate an approach to fetal extraction in malpresentation and impacted head in the setting of cesarean section
- Develop a list of components and set of cognitive aid adjuncts for an emergency surgical Postpartum Hemorrhage Kit
- Develop a set of cognitive aid adjuncts for addressing complex surgical obstetrical situations

Tentative Course Schedule

08:00-08:15 – Introduction

08:15-09:45 – Surgical skills in managing postpartum hemorrhage

- Examination of the vaginal vault and cervix in postpartum hemorrhage
- Insertion and management of a Bakri balloon
- Uterine compression sutures
- Subtotal hysterectomy

09:45-10:00 – Break

10:00-11:00 – Surgical skills in managing complex situations

- Breech extraction
- Malpresentation extraction
- Impacted head extraction
- Symphysiotomy
- Repair of complex perineal tears (OASIS)

11:00-11:15 - Break

11:15-11:45 – Creating toolkits and cognitive aids for quality improvement

- Components of a PPH kit
- Cognitive aids in managing PPH
- Cognitive aids and team approaches in managing complex surgical obstetrical situations

11:45-12:00 – Course Wrap-Up

Accreditation

This event is an Accredited Simulation Activity (Section 3) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and approved by Canadian Association of General Surgeons. You may claim a maximum of 4 hours.