

# Obstetrics and Gynecology: Minimally Invasive Surgery (MIS) Rotation Objectives

Welcome to the minimally invasive gynecological surgery rotation. The primary objective of this rotation is to increase resident exposure to advanced laparoscopic and hysteroscopic surgery. However, there are further learning objectives listed below. There are no formal didactic sessions included in this experience, but teaching should occur in the operating room. Your schedule, learning objectives and rotation expectations are included below.

## Learning Objectives:

1. Demonstrate understanding of fundamentals of laparoscopic surgery
  - a. Pelvic anatomy
  - b. Electro-surgery (including hysteroscopy)
2. Complete theoretical portion of SAGES Fundamentals of Laparoscopic Surgery (FLS)
  - a. plan time in CASES to practice for practical exam
  - b. schedule FLS exam (can be completed after this rotation)
3. Explain below diagnoses, medical and surgical management options
  - a. Uterine fibroids
  - b. Endometriosis
4. Understand laparoscopic approach to treatment of pelvic organ prolapse and incontinence.

## The expectation for this rotation:

1. Attend ORs as per schedule attached  
\*\*if there is a specific case you would like to attend, please let us know, and we can move you to the appropriate OR\*\*
2. Increase exposure of laparoscopic and hysteroscopic gynecologic surgery
3. Round on post-operative MIS patients
4. Journal club and rotation review– resident can choose a topic of interest or journal article for presentation. To be presented the last week of your rotation by Zoom during pandemic, may be hosted by one of the staff at their place of choice at the end of the pandemic.
5. We will arrange between 2-3 clinic days during your rotation. The other 2-3 days (variable) that you are not in the office you should spend on the Lap Sim and/or dry lab at CASES.

### **Rotation Contact:**

Dr. Pieter Kruger  
[pkruiger@ualberta.ca](mailto:pkruiger@ualberta.ca)

**Vacation Requests:** At the discretion of the coordinator

**Duration:** One block

**Reading Material:** Reads around topics related to OR cases  
Suggested reading will be provided.

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### **EPAs**

**You are expected to attempt and show progress in the following EPA's:**

**CD 14a** Performing advanced hysteroscopy

**CD 15a** Performing major vaginal and vulvar procedures

**CD 16a** Performing major laparoscopic gynecologic procedures

**During this rotation, the following EPAs can be achieved:**

### **Foundation of Discipline:**

**FD 9** Providing consultation for patients with gynecologic conditions

### **Core of Discipline:**

**CD 8** Providing care for patients with complex gynecologic conditions and/or medical comorbidities