

Course Code:	OBGY-G820
Name of Rotation/Elective:	<b>Reproductive Endocrinology and Infertility Elective</b>
Duration:	4 weeks (4 credit hours)
Possible Rotation Dates:	<p>July 7 – August 1, 2025  August 4 – 29, 2025  September 1 – 26, 2025  September 29 – October 24, 2025  October 27 – November 21, 2025  November 24 – December 19, 2025  January 5 – 30, 2026</p> <p><b>NOTE: Visiting student rotation dates <u>MUST</u> match the dates listed above; No off-cycle rotations</b></p>
Applicant Requirements:	<ul style="list-style-type: none"> <li>• Letter of Interest (max 300 words; Must articulate your interest in Prisma Health Upstate)</li> <li>• Letter of Recommendation from faculty member or attending-level physician</li> <li>• Current Curriculum Vitae (CV) or Resumé</li> <li>• Transcript</li> <li>• Proof of passing Step 1</li> </ul>
Course Location:	Prisma Health – Upstate (Greenville Memorial Campus and Patewood Campus)
Residency Website:	<a href="https://academics.prismahealth.org/graduate-medical-education/residencies/obgyn-greenville">https://academics.prismahealth.org/graduate-medical-education/residencies/obgyn-greenville</a>
Typical Schedule:	Daytime hours Monday through Friday, ~7:30 AM - ~5:00 PM. There are no required on-call responsibilities for this elective. The student may, however, participate in an optional on-call experience. All clinical activities for the on-call experience are conducted in the Greenville Memorial Hospital. Although the scope of clinical activities spans all women's health service areas, there are four main venues for clinical activities during this block: Labor & Delivery, Obstetrical Triage, Inpatient Wards, and the Emergency Department. On-call experiences are available at the discretion of the MIV Course Director. On-call requests should be submitted to the Rotation Coordinator and are filled on a rolling basis.
Course Objectives:	<ol style="list-style-type: none"> <li>1. The Menstrual Cycle: The student should be able to understand the endocrine and paracrine events surrounding the normal menstrual cycle and to be able to describe clinical scenarios when the cycle breaks down.</li> <li>2. Approach to the Infertile Couple; Be conversant with the causes, diagnosis and treatment of the major causes of infertility including the commonly used tests and medications. The student will be part of the team that provide medical and surgical therapy for infertility.</li> <li>3. Puberty and adolescent issues; Be familiar with the stages of puberty and be able to discuss advanced or delayed puberty.</li> <li>4. Menopause: The student will be expected to discuss the studies that underpin the use of estrogen replacement. Students will be able to perform appropriate history and physical assessment of the post-menopausal women and be able to select and interpret appropriate diagnostic tests.</li> </ol>
Course Description:	<p>This elective is offered to students who have satisfactorily completed their third-year clinical rotations. This elective provides a mentored, in-depth clinical experience in the evaluation and management of hormone related disorders at all stages of life. The rotation is conducted in the Division of Reproductive Endocrinology and Infertility (REI) under the direct supervision of attending physicians. Students will participate in clinical evaluations and procedures in the ambulatory setting, assist in surgical procedures, observe assisted reproductive technologies, and attend didactic teaching sessions.</p> <p>Upon completion of this elective, the student will be able to:</p> <ol style="list-style-type: none"> <li>1. Infertility <ul style="list-style-type: none"> <li>-Take and document a focused infertility history</li> <li>-Outline the appropriate steps in an initial infertility evaluation</li> </ul> </li> </ol>

- Provide a differential diagnosis for the cause of a patient's infertility and make recommendations for targeted fertility treatment
- Understand family-building and fertility preservation options for special populations
- 2. Recurrent pregnancy loss RPL
  - Take and document a focused RPL history
  - Outline the appropriate steps in an initial RPL evaluation
- 3. Procedures
  - Observe and describe the performance of a semen analysis and IUI
  - Observe and describe commonly performed REI procedures, including oocyte retrieval, ICSI, embryo transfer
  - Perform sonohystograms and hysterosalpingograms with supervision
  - Perform transvaginal GYN and early OB scans with supervision
  - Participate in common REI surgeries, including operative laparoscopy and hysteroscopy
- 4. Other – optimize exposure to the following pathology
  - PCOS
  - Endometriosis
  - Fibroids
  - Menopause
  - Abnormalities in sexual development