

Course: Reproductive Endocrinology and Infertility

Course Number: OBG 2104

This course is not available to visiting students.

Department: Obstetrics & Gynecology

Faculty Coordinator: Orhan Bukulmez, M.D.

Assistant Faculty Coordinators: Vanessa Rogers, M.D. (Interim)

Hospital: (Location of rotation)

- Fertility Clinic at Outpatient Building (WA) (1801 Inwood Rd.) 6th floor
Fertility and Advanced Reproductive Medicine
- Children's Medical Center
- William P. Clements Jr. & Zale-Lipshy University Hospitals

Periods Offered: 3, 4, 7, 8, 9

Length: 4 weeks

Max # of Students: 1

First Day Contact: Regina Williams ObGynPost-Clerkship@UTSouthwestern.edu

Office Phone: 214-648-3306 **Office Location:** G6.202D

First Contact Time: 8:00 a.m.

First Day Location: Email will be sent with detailed information.

Prerequisites: Successful completion of OBGYN Clerkship

I. Goals and Objectives

Goals (<i>examples-edit as needed</i>)	Objectives (<i>describe activities that will support how goals are to be achieved</i>)	Assessment methods (<i>examples-explain how student will be evaluated</i>)
Patient Care: Assessment and Management 1. Demonstrate the ability to take both an in-depth infertility and reproductive endocrinology history 2. Perform a focused physical exam as dictated by the patient complaint and history 3. Analyze the history and physical to develop a differential diagnosis for	<ul style="list-style-type: none">• Participate in a patient care in a variety of outpatient settings• Participate in procedures in the operating suite	<ul style="list-style-type: none">• Medical Records review• Direct observation by faculty and staff

reproductive endocrinology and fertility patients 4. Propose options for appropriate evaluation and/or treatment of infertility and reproductive endocrinology patients 5. Observe or participate in REI procedures, whether in the Operating Suite or Clinic		
Medical knowledge: 1. Understand the principles of infertility treatment and assisted reproductive technologies. 2. Develop an understanding of common reproductive endocrinology issues such as: polycystic ovarian syndrome, menopause, galactorrhea/amenorrhea, delayed puberty and precocious puberty	<ul style="list-style-type: none"> Acquire the knowledge in reproductive endocrinology and infertility to care for patients. This can be through self-study, division conferences, direct patient care, and Grand Rounds 	<ul style="list-style-type: none"> Direct observation by faculty and staff Power-point presentation
Interpersonal and communication skills: <i>The students will effectively exchange information with patients, families, consultants and the team, including nurses, faculty, residents and ancillary staff.</i>	<ul style="list-style-type: none"> Develop the communication skills necessary to deal with sensitive issues such as infertility and other reproductive concerns 	<ul style="list-style-type: none"> Direct Observation by faculty and staff
Practice Based learning and Improvement: <i>Students will demonstrate the ability to assimilate scientific evidence and improve patient care practices.</i>	<ul style="list-style-type: none"> Acquire the knowledge in reproductive endocrinology and infertility to care for patients. This can be through self-study, division conferences, direct patient care, and Grand Rounds 	<ul style="list-style-type: none"> 30 minute power-point presentation
Professionalism: <i>Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population</i>	<ul style="list-style-type: none"> Maintain professional behaviors necessary to deal with sensitive issues such as infertility and other reproductive concerns 	<ul style="list-style-type: none"> Direct Observation by faculty and staff
Systems based practice:	<ul style="list-style-type: none"> Understand the institutional and financial issues that can 	<ul style="list-style-type: none"> Direct Observation by faculty and staff Division conferences

<ol style="list-style-type: none"> 1. <i>Know how REI fits into the larger system of women's health care.</i> 2. <i>Work with the team and patients to optimize use of system resources</i> 	<p>affect the patient dealing with reproductive health issues</p>	
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II. **Methods of Instruction:**

A. Didactic: Attend conferences within the Reproductive Endocrinology and Infertility (REI) Division

1. Case presentations – Monday at noon
2. Journal Club, Educational Conferences or Guide to Learning Lectures – Wednesday at 3:30 PM-UTSW Outpatient Building (OPB-WA Building) 4th Floor Conference Room (currently virtual)
3. Reproductive Biology Fellows Research Conference- Tuesday at noon-J6 Conference Room.

B. Clinical

1. Outpatient Care
 - a. Attend Private Clinics at Fertility and Advanced Reproductive Medicine (UTSW OPB Building 6th floor) as assigned.
2. Operating Room
 - a. Attend OR cases at the UT Southwestern affiliated hospitals (Children's, Clements, or Zale)-Student is to coordinate these with the 3rd year fellow and/or 4th year OBGYN resident in service.
 - b. Assist in post-operative management of surgical cases by working with attendings, fellows and residents.

III. **Overview of student responsibilities**

The student is expected to attend all clinical duties as described above, arriving at the designated time and participating in patient care locations until dismissed by attending faculty.

The student will complete a ***student thesis*** as follows:

Student will meet with the director of the program to discuss and select one topic to present at the end of the rotation. This will be prepared as a 30 minute Power-point presentation on a topic related to Reproductive Endocrinology and Infertility. The student will be mentored by the faculty and further feedback will be provided during and after the presentation.

IV. **Method of evaluation of students and requirements:** Evaluation based on assessment methods listed above.

Final grade: Pass/Fail