Dear OB/GYN Clinical Preceptors:

Thank you for agreeing to educate our students in the field of OB/GYN. As Clinical Course Director I sincerely appreciate your time and efforts to help shape our future physicians. Although each student had some clinical exposure in their 2nd year as part of our program, it is my hope that they will have a more comprehensive experience with inpatient and outpatient women’s care throughout their third year rotation. This will hopefully lay the foundation that they will use in their future career as physician. Sincerely,

Eve Anne Ashby, DO, FACOOG
eashby@atsu.edu

OB/GYN Clerkship Overview

This clerkship is meant to provide the medical student with an opportunity to evaluate and formulate a treatment plan for women in the outpatient/inpatient gynecologic and obstetric settings. Each week the student is assigned approximately 8 hours of reading assignments by ATSU-SOMA to review and also is quizzed weekly on these topics from the Association of Professors of Gynecology and Obstetrics website. www.apgo.org

It is expected that the student log every encounter with their preceptor (diagnosis/procedure), complete ATSU-SOMA assignments in a timely manner, and be an active participant on the rotation in both inpatient and outpatient settings. It is also expected that the student will arrange to meet with their preceptor midway and at the end of the rotation to discuss their progress.

Method of student evaluation

1. Preceptor clinical rotation evaluation
2. Curriculum assignment graded by clerkship director
3. Patient log volume and variety reviewed by clerkship director and SOMA Regional Director of Medical Education
4. Nationally standardized end of clerkship examination (COMAT) score

The following procedures are the minimum expectations within the four week rotation:

- Assist with 5 uncomplicated vaginal deliveries plus document Delivery note
- Assist with 3 cesarean sections plus document Op note
- Perform 5 pelvic exams/pap smears/ STI screens
- Participate/Observe 3 hysterectomies plus document pre op evaluation, operative note, post op notes
- Observe/Treat 3 Abnormal Pap smears
- Demonstrate proper sterile technique prior to assisting with 5 vaginal deliveries
- Perform 3 breast examinations and teach 3 self-breast examinations
- Write 5 postpartum Day 1 notes and 5 post-operative day 1 notes or post procedure note.
- Perform 3 wet preps
- Observe/Assist in 3 Family planning visits
- Coordinate postpartum care with Lactation Consultant and/or 2 breast feeding patients.

Absences of the rotation must be excused by ATSU-SOMA via the school’s forms and procedures reported by the student prior to or during the rotation.
List of topics assigned to student to be reviewed throughout their 4 week rotation:

**OBSTETRICS**

- **Outpatient**
  - Normal prenatal care and identification of high risk pregnancy
  - Understand antenatal screening lab work during each trimester including genetic screening
  - Understand proper dating of a pregnancy
  - Management of medical complications of pregnancy including preexisting diabetes mellitus, pyelonephritis, chronic hypertension, urinary tract infections, TORCH infections, Group B Streptococcus colonization, HIV, Asthma, DVT, appendicitis, ovarian torsion, and pneumonia
  - Preeclampsia/hypertensive diseases in pregnancy
  - Differential diagnosis of vaginal bleeding in the first, second, and third trimesters
  - Differentiate amongst the types of abnormal placentation
  - Diagnosis and treatment of premature rupture of membranes
  - Diagnosis and treatment of preterm labor
  - Types of multiple gestations
  - Indications and types of antenatal testing including non-stress testing, measurement of amniotic fluid volume and biophysical profile
  - Informed Consent for vaginal birth after cesarean (VBAC)
  - Understand pregnancy categories of medications
  - Diagnosis and treatment of fetal growth restriction
  - Diagnosis and treatment of gestational diabetes
  - Understand complications arising from substance abuse during pregnancy

- **Inpatient**
  - Define pre-labor contractions and preterm labor
  - Describe the diagnosis criteria for rupture of membranes
  - Understand the differential diagnosis of third trimester bleeding
  - Basic cardiotocography interpretation
  - Management of non-reassuring fetal heart patterns
  - Describe the cardinal movements of labor and the maneuvers for delivering a newborn
  - Describe the stages of labor and recognize dysfunctional labor
  - Identify indications for vacuum/forceps assisted delivery
  - Identify indications for cesarean section
  - Describe the risk factors, diagnosis and treatment of chorioamnionitis
  - Understand treatment of puerperal complications including wound infection, DVT, endomyometritis, delayed postpartum hemorrhage, perineal hematoma, postpartum depression
  - Diagnosis and treatment of dysfunctional Labor
  - Indications and methods used to induce labor
  - Options for pain management during labor and delivery
  - Indications for vacuum/forceps assisted delivery
  - Understand anatomy of perineal lacerations and episiotomy
  - Prediction and treatment of shoulder dystocia
  - Understand types of post-partum permanent sterilization
  - Definition and treatment of post-partum hemorrhage
  - Diagnosis and treatment of meconium stained amniotic fluid
  - Understand basic anatomy involved during cesarean section
  - Know how to assign APGAR scoring
  - Understand normal lactation, breastfeeding, and treatment of mastitis
GYNECOLOGY

- **Outpatient**
  - Describe age-appropriate screening for mammograms, bone densitometry, pap smears, sexually transmitted infections, colon cancer screening
  - Understand basic knowledge of normal menstrual cycle
  - Describe pharmacologic, non-pharmacologic and osteopathic treatment of common menstrual disorders
  - Understand various forms of reversible contraception including natural family planning, barrier methods, hormonal contraceptive pills, implants, rings, injections
  - Understand methods of emergency contraception
  - Understand various forms of permanent sterilization including tubal occlusive implants, tubal ligation and vasectomy
  - Understand diagnosis and treatment of benign breast masses
  - Understand risk factors, diagnosis and basic staging of breast cancer
  - Understand diagnosis and treatment options of perimenopause and menopause
  - Understand management of abnormal pap smears
  - Understand management of postmenopausal vaginal bleeding
  - Understand management of ovarian cysts
  - Describe screening tools to assess risk of domestic violence, depression and alcoholism
  - Understand risk factors, diagnosis, treatment and sequelae of sexually transmitted infections
  - Understand diagnosis and treatment of abnormal vaginal discharge
  - Understand diagnosis and treatment of osteoporosis
  - Understand basic causes of infertility, tests available for evaluation and common treatments
  - Describe the diagnosis, pathology and treatment of polycystic ovarian syndrome
  - Describe the diagnosis and treatment of endometriosis
  - Describe the diagnosis and treatment of uterine leiomyoma
  - Describe the types of urinary incontinence, tools for diagnosis and treatment options

- **Inpatient**
  - Understand anatomy of female pelvis including major organs, blood supply and innervation
  - Diagnosis and treatment of pelvic pain
  - Diagnosis and treatment of pelvic masses
  - Diagnosis and treatment of abnormal vaginal bleeding
  - Understand preoperative indications for hysteroscopy, laparoscopy, and hysterectomy
  - Understand different types of hysterectomy including laparoscopic, abdominal, vaginal
  - Understand diagnosis and treatment of vulvar lesions
  - Understand treatment of cervical dysplasia
  - Understand treatment of ovarian, endometrial and cervical cancer
  - Diagnosis and treatment of ectopic pregnancy
  - Describe the prevention, differential diagnosis and treatment of post-surgical: bleeding, infection, ileus, fever, thromboembolism, respiratory symptoms, and urologic complications
  - Understand indications and procedure for dilation/curettage and dilation/evacuation