Ambulatory Medicine
Level: PGY-1

Length of Rotation: 2 months

Description of Ambulatory Medicine:
Two months are spent on this rotation in the first year of training. The clinical experience blends distinctive elements of ambulatory medicine in our curriculum. The schedule for this rotation is below followed by the description of the individual learning objectives for each element.

Educational Activities:
1) Recommended Reading
   a) Selected articles as assigned by Dr. Bonnema.
2) Conferences
   a) Wednesday educational conferences in Ob/Gyn department.
   b) Diagnostics in Obstetrics and Gynecology.

Typical weekly assignment: with 2 to 3 weekend calls per month

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Ambulatory Primary Care/Ambulatory Gynecology

Supervision: Resident——Olson Center Attending
This portion of the rotation comprises set clinic hours with an Internal Medicine attending at the Olson Center for Women’s Health. These clinics are with Dr. Shannon Boerner and with Dr. Rachel Bonnema. This clinic site allows the resident to participate in a primary care setting with longitudinal and acute patient care visits. In addition, residents will attend clinics in Ambulatory Gynecology, Ambulatory Breast Care, Early Pregnancy Assessment, and Dysplasia staffed by faculty from the Division of General Ob/Gyn.

Competency Based Educational Goals and Objectives

Patient Care
Goal: Perform initial patient evaluation in the primary care setting.
Objectives: The resident will demonstrate the ability to:
  1) Obtain a comprehensive history.
  2) Perform a comprehensive physical examination.
Goal: Gather essential information about patients, develop, negotiate and implement effective management plans in primary care.
Objective: The resident will demonstrate the ability to evaluate, provide appropriate education and counseling for new and return patients in conjunction with history and physical examination.
Goal: Perform basic gynecologic procedures competently.
Objectives: The resident will demonstrate the ability to perform the following:
  1) Perform insertion of IUD/contraceptive implant.
  2) Perform colposcopy of the uterine cervix
  3) Perform LEEP procedures for cervical dysplasia.
  4) Perform endometrial biopsy.
Goal: Evaluate and manage women with common breast complaints.
Objectives: The resident will demonstrate the ability to:
1) Perform a focused physical examination of the breast to evaluate for abnormalities.
2) Describe the indications for breast imaging, and interpret results of imaging studies.
3) Describe indication for and perform and/or interpret diagnostic breast procedures (fine needle aspiration, cyst aspiration, core needle biopsy, and excisional breast biopsy).

Goal: Provide care to women with symptoms of breast cancer or a known breast cancer diagnosis.

Objectives: The resident will be able to:
1) Perform an appropriate physical exam and order and/or perform and interpret diagnostic tests in women presenting with symptoms of breast cancer.
2) Inform and counsel women regarding results of diagnostic tests and breast cancer diagnosis when appropriate.
3) Make appropriate referrals to multidisciplinary specialists for the treatment of breast cancer.
4) Understand the psychosocial impact of gynecologic and breast cancer diagnosis and make appropriate referrals for support groups, and mental and sexual health professionals.
5) Manage the adverse effects of antiestrogen medications (tamoxifen and aromatase inhibitors).

Goal: Provide family planning services to women.

Objectives: The resident will demonstrate the ability to:
1) Counsel on the effectiveness, risks, benefits, and contraindications of available forms of contraception.
2) Counsel on the effectiveness, risks, benefits, and contraindications for male and female sterilization.
3) Perform intra-uterine and implantable contraceptive placement.
4) Perform basic first trimester uterine evacuations (medical and surgical).

Medical Knowledge

Goal: Appropriately offer and order health care screening.

Objectives: The resident will be able to discuss age specific recommendations for:
1) Cancer screening.
2) Immunizations.

Goal: Be knowledgeable of common medical illnesses and their presentations.

Objective: The resident will be able to discuss the evaluation and management of common pulmonary diseases, common infections, cardiovascular disease, diabetes mellitus (type I and type II), common gastrointestinal diseases, rheumatologic diseases, depression, headache, common dermatologic diseases, obesity and substance abuse.

Goal: Be knowledgeable regarding breast cancer risk factors.

Objective: The resident will be able to:
1) Summarize the genetic basis for hereditary cancer syndromes, including breast, ovarian, colon, and endometrial cancer syndromes.
2) Understand the basis of the Gail Model, and appropriate uses for this risk assessment tool.
3) Identify histologic risk factors for breast cancer.
4) Identify women at high risk for breast cancer, and summarize appropriate risk reduction strategies and options for enhanced surveillance.

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Goal: Be knowledgeable of benign disorders of the breast.

Objective: Describe the clinical history and pathophysiology of conditions affecting the breast including:
1) Breast mass, breast pain, nipple discharge, infection, asymmetry, underdevelopment, commonly identified skin conditions affecting the breast.
Goal: Evaluate and manage women with bleeding in first trimester.

Objectives: The resident will be able to:
1) Demonstrate the ability to formulate a differential diagnosis (e.g., ectopic pregnancy, spontaneous abortion, non-obstetric etiologies)
2) Counsel patients regarding natural history and treatment options
3) Utilize non-surgical and surgical methods to manage patients with ectopic pregnancy, abortion (spontaneous, induced)
4) Demonstrate an understanding of complications related to first trimester bleeding and its management

Interpersonal and Communication Skills
Goal: Communicate effectively with patients and families.
Objectives: The resident will demonstrate the ability to:
1) Counsel patients appropriately on age specific health screening and preventive medicine/cancer screening.
2) Screen and counsel patients desiring assistance with smoking cessation, exercise, stress management, nutrition and weight control, substance use/abuse, domestic violence, sexual dysfunction and depression.

Goal: Communicate effectively as a part of the health care team.
Objectives: The resident will demonstrate the ability to:
1) Complete patient encounter records in a timely fashion.
2) Communicate effectively with the attending in clinic regarding the evaluation and plan of management for each patient.
3) Demonstrate appropriate documentation for clinic visits.
4) Complete dictations within 24 hours of all patient encounters in the clinic.

Professionalism
Goal: Apply professional behaviors to the clinic setting.
Objectives: The resident will demonstrate professional behavior in the Olson Center by:
1) Maintaining a professional attitude with the nursing and ancillary staff.
2) Evaluating assigned patients in an appropriate and timely manner.
3) Being prompt to clinic on the assigned days.

Goal: Maintain ethical principles in regard to patient information.
Objectives: The resident will demonstrate appropriate patient confidentiality by:
1) Abiding by HIPPA regulations.
2) Not discussing patient information outside of appropriate places.

Goal: Be committed to profession development and growth.
Objective: The resident will demonstrate a commitment to their education by being prepared to participate in clinical teaching.

Practice-Based Learning and Improvement
Goal: Identify personal and practice improvement strategies in continuity clinic.
Objectives: The resident will demonstrate:
1) Receptiveness to faculty instruction and feedback.
2) Ability to use medical information with the ability to access information through traditional and online sources to support their educational experience.

Systems-Based Practice
Goal: Begin to understand practice models of care delivery.
Objectives: The resident will be able to describe the differences in primary care practice and consultative practice.

Goal: Understand billing and coding for the clinical setting.
Objectives: The resident will demonstrate familiarity with:
1) ICD-9 coding and appropriate clinic billing for services.
2) Medicare documentation requirements.

Duties/Responsibilities:
1) Attend rotation and continuity clinics as assigned.
2) Attend Wednesday educational conferences.
3) Attend Diagnostics in Ob/Gyn conference on Fridays.
4) Attain certification in Neonatal Resuscitation in the first year of training.
5) Take weekend or night call as assigned on the Ob/Gyn service.
6) Notify Sarah/Dr. Griffin if scheduled rotation clinics are cancelled so alternative assignments may be made.

**Evaluation:**

1) Global evaluation will be performed by Dr. Shannon Boerner and Dr. Rachel Bonnema, and gynecology faculty (Drs. Griffin, Kinney, and Amoura) at the completion of the rotation.
2) At the conclusion of the resident’s service period he/she should complete an evaluation form assessing the quality of the rotation; he/she should also address the teaching undertaken by the attending physician.