Benign Gynecology

Level: PGY-4

Service: University Gynecology

Length of Rotation: 4 months

Supervision: Chief Resident ——— Faculty

Independent activity with supervision by the attending physician assigned to the gynecology service. Attending coverage for in-house and emergency room patient consultations is assigned as the daily Gyn Rounder.

Educational Activities:
1) Recommended Reading
   g) ACOG Gynecology Educational Bulletins
   h) ACOG Precis -- Gynecology
   i) ACOG Primer on Primary Care.
2) Conferences
   a) Pre-op Gynecology Conference on Wednesdays.
   b) Wednesday educational conferences.
   c) Topic Based Educational Experience weekly to be scheduled with teaching faculty.
   d) Diagnostics in Obstetrics and Gynecology on Fridays at 0700.
   e) Student presentations.

Typical Call Assignment:
This resident will be responsible for assisting that all patients on the gynecology service are rounded on over the weekends either personally, or by assignment to another resident on the service. In house call at Nebraska Medicine will be 2-3 per month on the weekends.

<table>
<thead>
<tr>
<th></th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>am</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Diagnostics</td>
</tr>
<tr>
<td>pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chief Clinic</td>
</tr>
</tbody>
</table>

Competency Based Educational Goals and Objectives

Patient Care
In the fourth year of training, the resident should demonstrate an understanding of gynecologic procedures indications, contraindications, and principles and be able to perform them independently (proficiency at the level appropriate to warrant hospital credentialing for independent performance of the procedure).

Goal: Demonstrate the ability to perform minor gynecologic procedures.

Objectives: The resident will demonstrate the ability to perform:
1) An appropriate examination under anesthesia.
2) Cervical conization and LEEP.
3) Suction dilation and curettage for incomplete and missed abortions.
4) Excision/marsupulization of vulvar Bartholin’s cyst and excision of other vulvar masses.
5) Diagnostic hysteroscopy and dilation and curettage.
6) Operative hysteroscopy with polypectomy, submucosal fibroid ablation or resection, thermal ablation technique.

Goal: Demonstrate the ability to perform laparoscopic procedures.
Objectives: The resident will demonstrate the ability to perform:
1) Diagnostic laparoscopy- insufflation, placement of trocars.
2) Laparoscopic tubal ligation.
3) Operative laparoscopy for minor lysis of adhesions, adnexal surgeries such as cystectomy or oophorectomy, salpingostomy or salpingectomy for ectopic pregnancy, fulguration of endometriosis.

Goal: Demonstrate the ability to perform major gynecologic procedures.

Objectives: The resident will demonstrate the ability to perform:
1) Transvaginal hysterectomy with bilateral salpingo-oophorectomy.
2) Transabdominal hysterectomy with bilateral salpingo-oophorectomy.
3) Laparoscopic-assisted vaginal hysterectomy with ligation of round ligaments and removal of the adnexa (see below for more advanced laparoscopic procedures).
4) Abdominal myomectomy.
5) Exploratory laparotomy for ectopic pregnancy, pelvic masses.
6) Proficient entry into previously scarred abdomen.
7) Repair of cystotomy, perform cystoscopy.
8) Opening of retroperitoneal space and identify ureters.
10) Placement of transvaginal tape.
11) Diagnostic cystoscopy.

Goal: Provide postoperative care to patients after gynecologic surgery.

Objectives: The resident will demonstrate the ability to:
1) Evaluate and manage intraoperative and postoperative bleeding.
2) Evaluate and manage postoperative wound infections.
3) Evaluate and manage postoperative wound complications such as pain and separation.
4) Evaluate and manage the exacerbation of chronic conditions (cardiac events, chronic hypertension, diabetes, asthma, deep venous thrombosis) in the postoperative patient.

Goal: Provide appropriate intraoperative management.

Objectives: The resident will demonstrate an understanding of the appropriate surgical approach to each patient based on the diagnosis (choice of abdominal, vaginal, laparoscopic technique).

At the completion of the PGY-4 year on Benign Gynecology service, the resident will understand the concepts for the following procedures, including indications, contraindications, and principles and may be able to assist with varying degrees of proficiency, but would not be expected to be proficient enough to obtain hospital credentialing. Work in post graduate area or with senior partners may be necessary before enough proficiency is gained to be sole operator in all the following cases:

Goals: Demonstrate the ability to perform procedures with appropriate assistance.

Objective: The resident will demonstrate knowledge of the following procedures, but may require additional cases to reach competency in independent performance:
1) Primary/management of sacrospinous ligament fixation.
3) Repair of injuries or fistulas involving the bladder and rectum.
4) Surgical management of urethral diverticulum.
5) Enterocoele repair.
6) Advanced laparoscopic gynecology cases: laparoscopic hysterectomy with ligation of uterine vessels, total laparoscopic hysterectomy with or without BSO, appendectomy.
7) Urogynecology procedures- transvaginal tape, sling, SSLS, vault suspension.
8) Laser surgery of vulva or intraperitoneal use of endometriosis.

Medical Knowledge

Goal: Know the common gynecologic problems presenting emergently.

Objective: The resident will be able to demonstrate knowledge of the evaluation and management of the following emergent situations:
1) Ectopic pregnancy.
2) First trimester bleeding.
3) Ovarian torsion or symptomatic masses.
4) Pelvic inflammatory disease.
5) Severe menorrhagia episodes and dysfunctional uterine bleeding.
6) Abdominal and pelvic pain.
7) Pelvic trauma.

**Goal:** Know the common problems seen in the inpatient setting requiring consultation by other health care providers.

**Objectives:** The resident will demonstrate knowledge of the evaluation and management of common gynecologic problems resulting in consultation. These include but are not limited to:

1) Postmenopausal bleeding in patients with other medical conditions.
2) Menometrorrhagia.
3) Pelvic inflammatory disease/tubo-ovarian abscess
4) pelvic masses,
5) Contraception plans.
6) Pelvic floor prolapse and pessary care.

**Interpersonal and Communication Skills**

**Goal:** Document intraoperative findings in an appropriate and timely manner.

**Objectives:** The resident will demonstrate the ability to:

1) Enter in One Chart appropriate reports regarding intraoperative findings and performed surgical procedures.
2) Enter in One Chart discharge reports in a timely fashion.
3) Communicate effectively with community resources for postoperative care.

**Goal:** Communicate effectively as a consulting physician.

**Objective:** The resident will demonstrate the ability to provide timely consultation as requested, fulfilling documentation and communication with the referring service in a timely fashion.

**Goal:** Serve as the supervising resident for the gynecology service for the Department of Obstetrics.

**Objectives:** The resident will:

1) Communicate directly with the medical students regarding their role in patient care.
2) Communicate directly with the other residents regarding their role in patient care.
3) Communicate directly with attending physician on duty.
4) Communicate with Methodist Gynecology resident to ensure appropriate coverage of both services.

**Goal:** Provide appropriate counseling for patients diagnosed with gynecologic malignancies.

**Objectives:** The resident will demonstrate the ability to effectively and empathetically counsel patients regarding:

1) The diagnosis of a gynecologic malignancy.
2) The risks and benefits of chemotherapy.
3) The risks and benefits of radiation therapy.
4) The risks and benefits of surgical therapy.

**Professionalism**

**Goal:** Describe the ethical concepts for appropriate patient care.

**Objectives:** The resident will be able to describe each of the following as it pertains to the patient with gynecologic disorders:

1) Patient autonomy.
2) Beneficence.
3) Justice.
4) Nonmalefiance.

**Goal:** Maintain patient confidentiality

**Objectives:** The resident will demonstrate:

1) Knowledge regarding regulations regarding patient confidentiality in the HIPAA
2) The ability to protect health-related patient information to comply with HIPAA
3) List and be aware of sites on labor and delivery where loss of privacy for the patient may occur.

**Goal:** Maintain appropriate professional relationships.

**Objectives:** The resident will demonstrate professional interactions with:

1) Medical students.
2) Nursing and support staff.
3) Supervising faculty.
4) Consulting residents.
5) Physician peers.
6) Use of social media, email, and other communication platforms.

**Practice-Based Learning and Improvement**

**Goal:** Identify personal and practice improvement strategies for inpatient and surgical gynecologic care.

**Objectives:** The resident will demonstrate:
1) Receptiveness to faculty and supervising resident 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.

**Goal:** Be able to assist the learning of students on gynecology.

**Objectives:** Demonstrate the ability to facilitate medical student learning by:
1) Participation in teaching rounds daily.
2) Providing students with assistance and resources to promote self-education.

**Systems-Based Practice**

**Goal:** Establish patterns of safe practice in the operating room.

**Objectives:** The resident will demonstrate:
1) The principles of Crew Resource Management in the operating room and participate in the process to improve patient safety.
2) Appropriate patient safety guidelines for surgical site and patient identification as outlined in NEBRASKA MEDICINE hospital policy.
3) The ability to appropriately and safely position patients for operative procedures.
4) Demonstrate compliance with Nebraska Medicine policy for surgical site identification.
5) Demonstrate compliance with Nebraska Medicine policy for patient identification.

**Goal:** Understand how insurance affects patient care.

**Objectives:** The resident will demonstrate an understanding of basic insurance plans and how they affect the following:
1) Preoperative planning and evaluations.
2) Postoperative length of stay.
3) Disability and Family Medical Leave Act including required documentation for employers.

**Goal:** Understand billing and coding in the inpatient setting.

**Objective:** The resident will demonstrate familiarity with ICD-9 coding.

**Duties and Responsibilities:**
1) Serve as senior resident on the gynecology service with other residents, supervising staff, nursing staff, and medical students.
2) Appropriate, professional supervision of student teaching in light of educational goals, appropriate supervision of junior residents.
3) Attend Gynecology clinic on Wednesday afternoon. Assist the first, second and third year residents with scheduling procedures from the Continuity Clinics.
4) Schedule and attend education sessions with attending physicians, including topic based educational session weekly and student presentations.
5) Maintain the gynecology b-hCG quant list and communicate effectively with assigned faculty supervisor.
6) Maintain patient handoff tool in One Chart.
7) Supervise rounds on all hospitalized patients. Coordinate weekend rounds with other members of the gynecology team.
8) Perform and supervise evaluation of admissions to the gynecology service.
9) Participate in scheduling of surgical cases, keeping a working knowledge of all scheduled cases. This includes discussion of preoperative evaluation and planned procedure with the responsible attending physician.
10) Assign/coordinate surgical case responsibilities and assure resident participation on all cases.
11) Evaluate each admitted gynecology patient and write admission note.
12) Receive and triage all consult calls from the ED and in-patient wards with faculty supervision.
13) Attend Wednesday Educational Conferences.
14) Prepare and present weekly cases at Case Conference.
15) Take call as assigned.

**Evaluation:**

1) Global evaluation will be performed by the General Obstetrics and Gynecology physicians at the completion of the rotation.

2) Surgical skills evaluations should be completed by the resident and faculty using the My TIP Report system. The resident should obtain evaluations for most procedures.

3) For Gynecology at the Chief level the following should be evaluated by completion of the rotation: Abdominal hysterectomy, Vaginal hysterectomy, Laparoscopic hysterectomy, Exploration of the abdomen, Operative laparoscopy.

4) 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.