

OBGY8004

High Risk Maternal/Fet AI

Course Goals

1. Develop the attitude, skills, and knowledge to be able to recognize the impact of the global and local health care system and its impact on patient outcomes.
 2. Develop the attitude, skills, and knowledge to be prepared to independently carry out the duties of an intern in maternal-fetal medicine.
 3. Develop the attitude, skills, and knowledge to communicate complex medical and personal information with patients, families, and all members of the health care team.
 4. Develop the attitudes and skills necessary for self-reflection that leads to improvement in practice.
 5. Develop the attitude, skills, and knowledge necessary to exemplify the highest level of professionalism both in typical daily activities of a maternal-fetal intern and during times of stress and high patient volumes.
 6. Develop the attitude, skills, and knowledge necessary to apply medical knowledge to clinical diagnostic reasoning in a meaningful way to positively affect patient care and outcomes.
 7. Develop the attitude, skills, and knowledge necessary to use evidence-based medicine in clinical decision-making.
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Clinical Learning Objectives

Challenging Communication Exercise

Interpersonal and Communication Skills

1. Conduct a challenging communication scenario with a patient or family member, such as breaking bad news to a patient regarding a medical diagnosis or a medical error.

Clinical

Interpersonal and Communication Skills

1. Present patient information and assessments to other members of the team, including residents and faculty, in an organized manner with attention to pertinent details.
2. Demonstrate effective history-taking skills requiring sensitive and accurate listening.
3. Demonstrate effective history-taking skills requiring verbal/nonverbal communication skills.

Interprofessional Collaboration

1. Work effectively and harmoniously with all members of the high-risk OB service and the OB team.
2. Communicate with consultants from other medical services in the care of their patients.

Medical Knowledge for Practice

1. Demonstrate a working knowledge of basic science and clinical information applicable to evaluation and treatment of assigned patients.
2. Develop an understanding of the relationship and complications of multiple maternal medical problems in pregnancy (e.g., diabetes, hypertension, thyroid dysfunction).
3. Develop an understanding of the indications and limitations of antenatal tests, including ultrasound, contraction stress tests, multiple marker screening, and genetic evaluation.
4. Demonstrate an understanding of maternal, fetal, and placental physiology and how it impacts diagnostic testing and treatment modalities.
5. Demonstrate knowledge of the following antenatal obstetric complications: preterm rupture of membranes, preterm labor, and pregnancy-induced hypertensive disorders, third trimester bleeding, and intrauterine growth retardation.
6. Demonstrate an understanding of the unique complications and considerations of infectious diseases in pregnancy especially HIV, urinary tract, varicella, hepatitis, syphilis and other STD's, rubella, and bacterial

vaginosis.

Patient Care

1. Obtain accurate and focused patient histories and perform thorough, appropriate physical exams of high-risk obstetrical patients.
2. Develop appropriate management plans independent of supervising residents/ interns/attendings.
3. Develop a relevant problem list in a patient with a complicated/extensive problem list, prioritize among these problems, and interpret relevant findings and tests to appropriately generate a differential diagnosis with a ranking of the most likely diagnoses.
4. Round on a minimum of four antepartum patients/day and admit a minimum of one antepartum patient/day (provided that there is an admission).

Personal and Professional Development

1. Exemplify improvement in practice that incorporates feedback from patients and colleagues, including but not limited to: knowledge base, ability to communicate, efficiency, and responsibility for all aspects of patient care.

Practice-Based Learning and Improvement

1. Independently acquire scientific information and evidence to improve clinical management skills and practices.
2. Locate and assimilate evidence-based studies relevant to the patients' clinical situations.
3. Use new information technology to access information.

Professionalism

1. Maintain a professional attitude with challenging patients, colleagues and other staff members.
2. Show respect towards patients, family members, other health care providers, and support staff.
3. Report to all assigned activities on time and let your team know where you are at all times.
4. Perform/complete assigned tasks in a timely and careful manner.
5. Dress and act in a professional manner consistent with respect for patients and the medical profession.
6. Demonstrate professionalism, attention to ethical issues, and sensitivity to cultural factors.

Didactic Learning Objectives

Mid-rotation Review – Feedback Reflection

1. Discuss an example utilizing feedback; the circumstances regarding the situation; how the feedback and outcome changed behavior; and self-reflection surrounding the feedback.

Obstetric Topic Oral Presentation

1. Research, prepare, and give an oral presentation on a gynecology topic of choice to the OB team and faculty.