

Goals and Objectives of Training and Specialty Requirements

Maternal Fetal Medicine

January 2015

MEDICAL EXPERT

A) Knowledge (all at the level of ACHIEVED)

1. The OB/Gyn resident is able to take an appropriate history and perform a thorough examination of a patient in the MFM setting.
2. The OB/Gyn resident is able to describe maternal and fetal physiology.
3. The OB/Gyn resident is able to describe the various options for prenatal screening and diagnosis including the potential complications of these.
4. The OB/Gyn resident is able to diagnose and manage the following:
 - Infections in pregnancy
 - Second trimester pregnancy loss including cervical insufficiency
 - Fetal anomalies including teratogens (*May not be able to diagnose rare anomalies*)
 - Preterm labour and birth including preterm premature rupture of membranes
 - GDM
 - Gestational hypertension / Preeclampsia
 - Twin pregnancy
 - Triplets and higher order multiple gestation
 - Fetal growth disorders (IUGR / macrosomia)
 - Immune and non-immune hydrops
 - Alloimmunization
 - Medical diseases in pregnancy including IDDM, Thyroid Disease, Respiratory Diseases, Gastrointestinal Disease, Morbid Obesity, Renal Disorders, Coagulation Disorders, Thromboembolic Disease, Malignancy, Other Endocrine Disorders, Diseases of the Liver, Biliary System and Pancreas, The Skin and Pregnancy, Rheumatic Diseases, Neurologic Disorders, Psychoses in Pregnancy and Substance Abuse in Pregnancy
 - Stillbirth
 - Benign Gynecologic Conditions and uterine anomalies
 - Trauma in Pregnancy
5. The OB/Gyn resident is able to identify the neonatal complications:
 - Prematurity
 - Macrosomia

- Birth asphyxia
 - Growth restriction
 - congenital anomalies
6. The OB/Gyn resident is able to describe the procedure and potential complications of termination of pregnancy.

B) Procedures:

The MFM Resident will continue training in the following:

1. The OB/Gyn resident will perform the following procedures *independently*:
 - Low forceps/vacuum
 - Amnioinfusion in labour
2. The OB/Gyn resident is able to perform, *although may not be able to perform independently*:
 - Vaginal delivery of the non-vertex presentation
 - Cervical cerclage
 - Vaginal breech delivery of the second twin
 - Classical C/S
 - ECV
 - Scalp sample
3. The OB/Gyn resident understands but *will not be able to perform (The Resident will not have the opportunity to do invasive procedures)*:
 - Amniocentesis
 - CVS
 - Cordocentesis
 - Intrauterine transfusion

COMMUNICATOR (all at the level of ACHIEVED)

1. The OB/Gyn resident develops a therapeutic relationship with patients and communicates well with the patient and family.
2. The OB/Gyn resident is able to communicate with patients and families to provide effective counselling regarding diagnoses and management plans.
3. The OG/Gyn resident is able to communicate with the medical and nursing team in the setting, management of patients and appropriate handover.

4. The OB/Gyn resident is able to communicate with other members of the health care team (e.g. social work, neonatology, ultra-sonographer etc.) to provide appropriate patient care.
5. The OB/Gyn is able to communicate effectively in written form (i.e. accurate and thorough patient notes) as well as communicate effectively in dictated notes (i.e. accurate and thorough consultation dictations and discharge summaries).

COLLABORATOR (Achieved)

1. The OB/Gyn resident is able to collaborate with all members of the health care team in order to optimize patient care.

SCHOLAR (All at level of Achieved)

1. The OB/Gyn resident is expected to review the literature around cases. They may be given a topic related to MFM to review and present.
2. The OB/Gyn resident displays enthusiasm and commitment to gaining further knowledge as it pertained to MFM.

HEALTH ADVOCATE (All at level of Achieved)

1. The OB/Gyn resident has an understanding of regional perinatal care and how to best access care.
2. The OB/Gyn resident is able to advocate for patients to ensure that their care was optimized.

MANAGER (All at level of Achieved)

1. The OB/Gyn resident has an understanding of the healthcare resources as it pertains to the management of perinatal patients.
2. The OB/Gyn resident uses technology effectively to promote excellent patient care.

PROFESSIONAL (All at level of Achieved)

1. The OB/Gyn resident demonstrates commitment to their patients through ethical practice.
2. The OB/Gyn resident behaves in a professional manner when dealing with patients, families and all members of the health care team.
3. The OB/Gyn resident is responsible and reliable.