Residency Rotation-Specific Objectives

Rotation: REPRODUCTIVE ENDOCRINOLOGY & INFERTILITY (REI)

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<tr>
<th>Resident name:</th>
<th>Supervisor name:</th>
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<td>Rotation dates:</td>
<td>Hospital: Mount Sinai Hospital</td>
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**1 MEDICAL EXPERT**

**1.1 Knowledge of Anatomy and Physiology** Objectives:
1. Demonstrate an understanding of reproductive anatomy including, normal embryology of the female and male reproductive tract
2. Demonstrate an understanding of endocrinology and common endocrinology dysfunction on reproduction including:
   - hypothalamic-pituitary axis
   - adrenal and ovarian steroidogenesis and associated with normal menstrual function and abnormal menstrual function

**1.2 Data Gathering** Objectives:
1. Obtain a complete history from a couple including a sexual history
2. Conduct the physical assessment including basic transvaginal ultrasound

**1.3 Clinical Reasoning, Management and Judgement/Diagnostic and Therapeutic Planning** Objectives:
1. Manage the following common reproductive disorders:
   - Amenorrhea
   - Congenital anomalies of the reproductive tract
   - Gonadal dysgenesis
   - Hirsutism
   - Polycystic Ovarian Syndrome
   - Recurrent pregnancy loss:
     - Infertility, specifically to utilize and interpret test including: hormonal evaluation, semen analysis, ovulation prediction, hysterosalpingography
2. Apply basic concepts of the menstrual cycle to the diagnosis and treatment of infertility. Be able to prescribe Clomiphene citrate and have a working understanding of ARTs.
1.4 Procedural skills Objectives:

1.4.1 Surgical Skills:  
1. Demonstrate an appropriate skill level for level of training in the surgical management of:  
   • Pelvic adhesions  
   • Endometriosis  
   • Tubal obstruction and  
   • Uterine malformations.

1.4.2 Advanced Reproductive Therapies:  
1. Demonstrate a working knowledge of the assisted reproductive technologies currently available, including appropriate indications for referral.

2 COMMUNICATOR

2.1 Physician/Patient Relationship Objectives:  
1. Demonstrate the ability to elicit the trust and cooperation of the couple and be sensitive to the emotional and psychosocial aspects of infertility.

2.2 Written / Verbal Communication Skills Objectives:  
1. Display empathy to the couple.  
2. Convey bad news with empathy to the patient/family and show support  
3. Complete health records in a timely manner.

3 COLLABORATOR

3.1 Team Relations Objectives:  
1. Identify the role of the various health care team members and recognize their contribution to reproductive endocrinology and infertility.  
2. Utilize the appropriate health professionals and resources.  
3. Communicate appropriately when interacting with clinic administrative staff and other members of the multidisciplinary healthcare team.

4 MANAGER

4.1 Time Management Objectives:  
1. Assess patients in an efficient manner in the ambulatory clinics.

4.2 Resources and Allocation Objectives:  
1. Determine appropriate investigations for diagnosis of the common problems seen in a reproductive endocrinology and infertility setting.

4.3 Administrative Skills Objectives:  
1. Coordinate ambulatory patient care including communication with consulting services, follow up of investigations, responding to patient/family queries and timely completion of health records.

5 HEALTH ADVOCATE

5.1 Determinants of Health/Health Advocacy Objectives:  
1. Appreciate the unique social pressures that affect infertility couples, including:  
   • Cultural influences on treatment options  
   • Socio-economic influences on treatment options.
6 SCHOLAR

6.1 Self-Directed Learning Objectives:
1 Demonstrate a critical approach to the literature regarding investigation, therapeutics and healthcare delivery with respect to infertility.

6.2 Critical Appraisal infertility Objectives:
1 Complete a literature review, resolving a question of investigation, treatment, causation or natural history of a reproductive problem.
2 Present their review with an attending staff mentor as an REI round, once during their rotation.
3 Participate in a research project either ongoing in the division or arising from their own interests.

6.3 Teaching Skills Objectives:
1 Teach medical students, junior residents, other staff and patients in the clinical situation and an ambulatory-care setting.

7 PROFESSIONAL

7.1 Responsibility Objectives:
1 Be available to the administrative staff and healthcare team and participate in the management of the REI patients in the clinic, on the wards, and in the emergency department in conjunction with the staff, fellows, and clinic nurses.
2 Demonstrate professional attitudes in interactions with patients and other healthcare personnel.

7.2 Self-Assessment Skills/Insight Objectives:
1 Communicate with attending staff and request assistance in patient management when appropriate.
2 Consult ancillary services when required to enhance patient care.
3 Develop an individual learning plan with regard to an REI topic, with assistance of attending staff.

7.3 Ethics Objectives:
1 Demonstrate an awareness of the medico-legal issues and ethical issues with respect to patient confidentiality.
2 Demonstrate familiarity with some of the common ethical issues that arise from reproductive technology.

7.4 Determinants of Health/Health Advocacy Objectives:
1 Identify the important determinants of health affecting patients and contribute effectively to improved health of patients and communities.
2 Recognize and respond to those issues where advocacy is appropriate.