OBJECTIVES FOR UROGYNECOLOGY AND PELVIC RECONSTRUCTIVE SURGERY - (JUNIOR RESIDENT)

Definition: Urogynecology is an integral part of the gynecology evaluation and management of a patient with pelvic floor dysfunction.

General Objectives
Upon completion of this sub-specialty rotation, the urogynecology resident will have acquired the skills and expertise allowing him/her to function effectively as a professional and medical expert. The resident must demonstrate:

• diagnostic and therapeutic skills for effective and ethical care of patients with urogynecologic concerns
• the ability to access and apply relevant information in clinical practice
• effective consultation skills with respect to patient care and education
• a recognition of personal limitations of expertise, including the need for appropriate patient referral

Specific Objectives
In order to achieve the objectives, the urogynecology resident must demonstrate both knowledge (cognitive skill) and technical ability in the approach to problems in the practice of urogynecology. They must demonstrate effective use of all CanMeds competencies relevant to the practice of urogynecology.

1. The junior urogynecology resident will acquire, apply and maintain clinical knowledge relevant to clinical conditions or problems encountered commonly in the practice of urogynecology. This list should be considered in its totality and not be considered as comprehensive for all disorders in the practice of this specialty.

An extensive knowledge is required for the following:
o surgical anatomy of the pelvic floor, including genital, urinary, colorectal, anal, skeletal myofacial elements, and understand the pathologic variance

o functional anatomy of the continence mechanisms of the urethra and anus

o pathophysiology, investigation, diagnosis and/or management of: stress urinary incontinence and urodynamic stress incontinence, urge urinary incontinence, and detrusor over-activity

The junior urogynecology resident should have a **working knowledge** of:

o voiding dysfunction, including postoperative and postpartum urinary retention, bladder outlet obstruction, and detrusor hypertonia

o pelvic organ prolapse, including pessary care

o indications and limitations of urodynamic testing

o pathophysiology, investigation, diagnosis and management of acute and recurrent urinary tract infection

o drug interactions with lower urinary tract function

o recognize and repair operative injuries to the urinary tract

o manage of emergency situations such as obstructed voiding secondary to severe prolapse; post partum bladder atony

o The junior urogynecology resident should have a detailed understanding of:

   o The management of urinary fistula,
   o urethral pain syndrome, non-infectious urethritis, atrophic urethritis, and urethra diverticula

2. The junior urogynecology resident will effectively perform a consultation; including a complete history and a focused, relevant physical examination.

3. The urogynecology resident will acquire a wide variety of technical skills in the practice of urogynecology, these are listed below.

The following is a detailed list of required technical skills, including surgical skills. These lists should be considered in its totality and not be considered as exhaustive for all disorders in sub-specialty practice.

The resident will demonstrate an understanding of the indications, risks and benefits, limitations, and know the following investigative techniques specific to the practice of urogynecology.
Focused Physical Examination
• screening neurologic evaluation specific to the urinary tract
• elicit the bulbocavernosus and anocutaneous reflexes
• staging the degree of pelvic relaxation
• assessment of control of levator ani muscle
• objective demonstration of incontinence
• Q-Tip test

Serology, Microbiology
• urinalysis
• urine microscopy
• urine culture

Other Investigations
• understanding of the components of urodynamic testing
• understanding of endoanal ultrasound
• post void residual

A list of surgical skills is divided into categories reflecting the frequency with which these procedures are encountered during residency training in urogynecology as well in the general practice of urogynecology. The categorized list also reflects a level of technical skill competency for each surgical procedure expected after completion of a residency training program in obstetrics and gynecology.

The junior urogynecology resident should be competent to perform the following procedures with assistance:

Open Gynecologic Procedures
• Pfannensteil incision
• vertical midline incision
• total abdominal hysterectomy
• sub-total abdominal hysterectomy
• retropubic bladder neck suspension (colposuspension)

Vaginal Gynecologic Procedures
• vaginal hysterectomy
• anterior colporrhaphy
• posterior colporrhaphy and perineorrhaphy repair
• TVT/TVTO
• McCall culdoplasty
• Pessary care and fitting
• laparoscopically assisted vaginal hysterectomy
• cystotomy repair
• cystoscopy,

The junior urogynecology resident should have a detailed understanding of:

• abdominal sacral colpoplexy
• laparoscopic colposuspension
• sacrospinous fixation of the vaginal vault
• Martius graft advancement
• fistula repair
• vaginoplasty

The urogynecology resident will acquire the ability to select medically appropriate investigative methods in a resource effective and ethical manner.

The resident must demonstrate the ability to:
  o develop an effective management plan

PROFESSIONAL

Definition
Urogynaecologists have a unique societal role as professionals, with a distinct body of knowledge, skills, and attitudes dedicated to improving the health and well-being of women. They are committed to the highest standards of excellence in clinical care and ethical conduct, and continually perfecting mastery of their discipline.

General Objectives
The resident must:
• deliver the highest quality of medical care with integrity, honesty, compassion, and respect
• exhibit appropriate personal and interpersonal professional behaviors
• practice medicine in a way that is consistent with the ethical obligations of a physician

Specific Objectives
In order to achieve these general objectives in the role of a professional, the urogynecology resident must:
• foster a caring, compassionate and respectful attitude towards patients, families, and other members of the health care team
• provide medical care that is ethical, and seek advice or second opinion appropriately in ethically difficult situations
• monitor patients appropriately and provide appropriate follow-up medical care,
particularly after starting a new treatment or following a surgical procedure
• maintain patient confidentiality at all times
• complete reports, letters, and summaries in a timely fashion and maintain medical records that are consistently accurate, informative and legible
• show self-discipline, responsibility and punctuality in attending to ward duties, in the operating room, and at meetings and other activities
• be able to appropriately delegate clinical and administrative responsibilities

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