

# URPS CLINICAL/RESEARCH ROTATION

## GOALS & OBJECTIVES

Upon completion of the Clinical Rotation the Fellow will demonstrate competency in the following six core competency categories, as indicated:

### **COMPETENCY: MEDICAL KNOWLEDGE**

Goal:

Demonstration of knowledge of established and evolving biomedical, clinical, epidemiological, and social behavioral sciences, as well as the application of this knowledge to patient care.

Objectives:

Fellow understands and is able to:

- \*Explain the physiology/anatomy and epidemiology of urinary incontinence, pelvic organ prolapses, and defecatory disorders, including birth, aging, and neurologic disease
- \*Explain the impact of urinary incontinence, pelvic organ prolapses, and defecation disorders on quality of life
- \*Utilize and interpret disease-specific and global health questionnaires to evaluate the impact of pelvic floor disorders on quality of life
- \*Explain the indications, contraindications, limitations, complications, techniques, and interpretation of results of those diagnostic and therapeutic procedures integral to the discipline, to include the indications for and use of:
  - \*\*screening tests and procedures including urinalysis, urine cytology
  - \*\*the pad test

### **COMPETENCY: PATIENT CARE AND MANAGEMENT SKILLS**

Goal:

Fellows must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

Objectives:

Fellow must demonstrate competence in:

- \*Assessment of the effects of treatment and recognition and management of complications of therapy
- \*Diagnosis and management patients with:
  - \*\*urinary incontinence
  - \*\*pelvic organ prolapse
  - \*\*genitourinary and rectovaginal fistulae
  - \*\*anal incontinence
  - \*\*urethral diverticula
  - \*\*injuries to the genitourinary tract
  - \*\*congenital anomalies
  - \*\*infectious and noninfectious irritative conditions of the lower urinary tract and pelvic floor
- \*Evaluation of the lower urinary and genital tract for abnormalities including:
  - neoplasms
  - interpreting cytology and biopsy results
- \*Evaluation and management of hematuria
- \*Evaluation and management of painful bladder, including interstitial cystitis
- \*Evaluation and management of neurogenic voiding dysfunction
- \*Evaluation and management of urinary tract infections
- \*Performing a female pelvic exam, including quantification of pelvic organ prolapse.

## **COMPETENCY: PRACTICE-BASED LEARNING AND IMPROVEMENT**

### **Goal:**

Fellows will be able to demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and continuously improve patient care based on constant self-evaluation and life-long learning.

### **Objectives:**

Fellows are expected to be able to:

- \*Incorporate formative evaluation feedback into daily practice
- \*Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems
- \*Use information technology to optimize learning

## **COMPETENCY: PROFESSIONALISM**

### **Goal:**

Fellows will demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.

### **Objectives:**

Fellows are expected to:

- \*Demonstrate compassion, integrity, and respect for others
- \*Demonstrate accountability to patients, society, and the profession
- \*Be present and prepared for conferences

## **COMPETENCY: INTERPERSONAL AND COMMUNICATION SKILLS**

### **Goal:**

Fellows will demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates.

### **Objectives:**

Fellows are expected to:

- \*Communicate effectively with patients and families
- \*Communicate effectively with physicians and other health care professionals
- \*Work effectively as a member of a health care team
- \*Act in a consultative role to other physicians and health care professionals

## **COMPETENCY: SYSTEMS-BASED PRACTICE**

### **Goal:**

Fellows must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care.

### **Objectives:**

Fellows are expected to:

- \*Work effectively in various health care delivery setting and systems relevant to their clinical specialty
- \* Work in multidisciplinary teams to enhance patient safety and improve patient care quality
- \*Participate in identifying system errors and in implement potential system solutions
- \*Understand how patient care and other professional practices affect other health care professions and the health care organization.
- \*Advocate for quality patient care and assist patients in dealing with system complexities.
- \*Demonstrate cost-effective management decisions
- \*Demonstrate ability to efficiently expedite the turnover of cases.

## URPS - RESEARCH ROTATION GOALS & OBJECTIVES

Upon completion of the Research Rotation the resident will demonstrate competency in the following six core competency categories, as indicated:

### COMPETENCY: MEDICAL KNOWLEDGE

#### Goal:

Demonstration of knowledge of established and evolving basic science, translational, and clinical outcomes research in urology

#### Objectives:

Resident understands and is able to:

- \*Explain the major clinical trials that have impacted clinical care of urologic patients (publications available to residents)
- \*Explain the major contemporary advances in translational research that have impacted the field of urology (publications available to residents)
- \*Utilize and interpret disease-specific and global health questionnaires to evaluate the impact of pelvic floor disorders on quality of life
- \*Explain the role of the Institutional Review Board, including understanding of the process to obtain IRB project approval
- \*Explain the basic quantitative techniques, including biostatistics, epidemiology, research design, and research methods
- \*Understand the basic requirements of database management
- \*Participate in the development of a basic science or clinical research project in urology. This project:
  - \*Must be work performed by the residency during his/her residency
  - \*All research involving humans and/or animals must be reviewed and approved by the human or animal IRB

### COMPETENCY: PATIENT CARE AND MANAGEMENT SKILLS

#### Goal:

Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

#### Objectives:

Resident must demonstrate competence in:

- \*Assessment of the effects of clinical research on patient care.
- \*Understand the appropriate handling of patient personal information during basic science and clinical outcomes research
- \*Explain the role of the Institutional Review Board, including understanding of the process to obtain IRB project approval
- \*Provide appropriate patient guidance when obtaining informed consent for participation in research project

#### COMPETENCY: PRACTICE-BASED LEARNING AND IMPROVEMENT

##### Goal:

Residents will be able to demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and continuously improve patient care based on constant self-evaluation and life-long learning.

##### Objectives:

Residents are expected to be able to:

- \*Incorporate formative evaluation feedback into daily practice
- \*Locate, appraise, and assimilate evidence from scientific studies related to their basic science or clinical research project
- \*Use information technology to optimize learning

#### COMPETENCY: PROFESSIONALISM

##### Goal:

Residents will demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.

##### Objectives:

Residents are expected to:

- \*Demonstrate compassion, integrity, and respect for others
- \*Demonstrate accountability to patients, society, and the profession
- \*Be present and prepared for conferences
- \*Complete the appropriate training in Research Ethics

#### COMPETENCY: INTERPERSONAL AND COMMUNICATION SKILLS

##### Goal:

Residents will demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates.

##### Objectives:

Residents are expected to:

- \*Communicate effectively with patients and families
- \*Communicate effectively with physicians, health care professionals, laboratory personnel
- \*Work effectively as a member of a health care and research teams
- \*Act in a consultative role to other physicians and health care professionals
- \*Present research projects effectively during local or national professional conferences

#### COMPETENCY: SYSTEMS-BASED PRACTICE

##### Goal:

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care.

##### Objectives:

Residents are expected to:

- \*Work effectively in various laboratory settings and systems relevant to their clinical specialty
- \* Explain systems in place to provide animal and laboratory personnel safety
- \*Participate in identifying system errors and in implement potential system solutions
- \*Demonstrate cost-effective management decisions