

## **Training Objectives- General Surgery Resident on Renal Transplantation**

### MEDICAL KNOWLEDGE

1. List the options for anastomosis of the renal transplant.
2. List the side effects of common immunosuppressive medications.
3. List the complications of common immunosuppressive medications.
4. Describe the surgical complications of renal transplantation.

### PATIENT CARE

1. Demonstrate the development of the extraperitoneal spaces.
2. Demonstrate the ability to assess the suitability of the Iliac vessels for transplantation intraoperatively.
3. Demonstrate the ability to perform vascular suturing with assistance during anastomosis of the renal allograft.
4. Demonstrate the ability to reflect the colon laparoscopically during hand assisted laparoscopic donor nephrectomy.
5. Demonstrate the ability to postoperatively manage renal transplant recipients and donors.

### PRACTICE-BASED LEARNING

1. Prepare a literature search and present to the renal transplant team the relevant medical literature regarding a complication in a renal transplant patient and develop a plan to prevent this complication in the future.

### INTERPERSONAL AND COMMUNICATION SKILLS

1. Demonstrate effective collaboration with interns in making decisions about findings on physical examination and management of pre and post-operative care.
2. Demonstrate effective collaboration with other residents, faculty and other health professionals, as part of the multidisciplinary team managing end-stage renal failure patients.

### PROFESSIONALISM

1. Demonstrate integrity and honesty.
2. Demonstrate professional dress and behavior at all times.
3. Consistently demonstrate ethical behaviors in his/her daily interactions with peers, faculty, patients, and staff.
4. Consistently be prompt to clinics, rounds, and the operating room.

### SYSTEMS-BASED PRACTICE

1. Describe the cost benefit analysis of renal transplantation vs. dialysis
2. Demonstrate appropriate use of clinical pathways.

## **Training Objectives- Renal Transplant PGY1**

### MEDICAL KNOWLEDGE

1. Explain the implications of common urologic symptoms
2. Explain the steps to preoperative preparation of patients for renal transplant.
3. List the various urethral catheters and their appropriate use.
4. Explain different categories of immunosuppressant medications and their common side effects.

### PATIENT CARE

1. Demonstrate ability to gather accurate and complete history and patient examination, including the male genitourinary exam.
2. Demonstrate ability to manage routine pre- and post-operative surgical patients.
3. Demonstrate the proper use of sterile technique when performing or assisting with operative procedures.
4. Demonstrate competence in performing selected urologic procedures such as routine and difficult urethral catheterizations.
5. Demonstrate ability to perform a subcuticular skin closure.

### PRACTICE-BASED LEARNING

1. Prepare a literature review based update to the transplant team on a urology or transplant topic related to a patient seen in clinic or in the hospital.

### INTERPERSONAL AND COMMUNICATION SKILLS

1. Present data in a well-organized fashion on attending rounds and in the clinic.
2. Respond promptly to pages from nurses and staff.

3. Demonstrate the ability to effectively obtain informed consent from a patient and address any questions or concerns of the patient and their family.

#### PROFESSIONALISM

1. Demonstrate integrity and honesty.
2. Demonstrate professional dress and behavior at all times.
3. Consistently be prompt to rounds, conferences, clinic, and the operating room.

#### SYSTEMS-BASED PRACTICE

1. List the costs of common radiologic and laboratory tests for the evaluation of renal transplant problems
2. Demonstrate the appropriate use of clinical pathways.