

**TOPIC: A-22 RENAL DISEASE****OBJECTIVE:** To be able to undertake history and examination, establish diagnosis, differential diagnosis and initiate management of common renal emergencies.

<b>PROBLEM</b>	<b>KNOWLEDGE</b>	<b>SKILLS/ATTITUDES</b>	<b>LEARNING</b>	<b>ASSESSMENT</b>
1. Acute renal failure	<p>To be able to identify prerenal uraemia, causes of oliguria, strategies to treat reversible causes of acute renal failure.</p> <p>Identify the patient with possible urinary tract obstruction.</p> <p>Initial methods of investigating the severity and cause of acute renal failure.</p> <p>Indications for dialysis.</p> <p>Understand the different type of dialysis and their complications.</p>	<p>Use clinical findings and laboratory results to detect and treat pre renal uraemia and urinary tract obstruction.</p> <p>Initiate investigations to identify the cause and assess the severity of renal failure.</p> <p>Liaise with renal physicians.</p>	<p>LP LT GT PS ODA</p>	<p>OC CBD ME FFAEM MFAEM</p>
2. Urinary tract infections	<p>To be able to diagnose lower urinary tract infection, pyelonephritis and recognise the patient with an infected obstructed urinary tract.</p> <p>To be able to select appropriate antimicrobial agents and identify those patient who warrant further investigation, e.g. male with UTI.</p> <p>To be able to interpret urine dip stick, microscopy and culture results.</p>	<p>Identify those patients who require admission, and those who require out patient follow up or those whose treatment can continue with Primary Care.</p>	<p>LP LT GT PS</p>	<p>OC CBD AUD ME FFAEM MFAEM</p>

<p>3. Patients with renal replacement therapy.</p>	<p>Recognise the emergency presentation of renal transplant patients and those on dialysis.</p> <p>Know the complications of peritoneal and haemodialysis.</p>	<p>Timely recognition and emergency treatment of life-threatening conditions in this patient group, e.g. hyperkalaemia.</p> <p>To be able to initiate emergency management, identify those who need emergent dialysis and liaise with renal physicians.</p>	<p>LP LT GT PS ODA ODB</p>	<p>OC ME FFAEM MFAEM</p>
<p>4. Other topics.</p>	<p>Rhabdomyolysis, acute and chronic renal failure, haemolytic uraemic syndrome, hepato renal syndrome.</p> <p>Haematuria, proteinuria</p> <p>Diabetes.</p>		<p>LP LT GT PS ODA</p>	<p>OC ME FFAEM MFAEM</p>