

AKI Teaching Materials

"STOP" - causes of AKI

Sepsis and hypoperfusion (hypovolaemia, heart failure, hepatorenal)

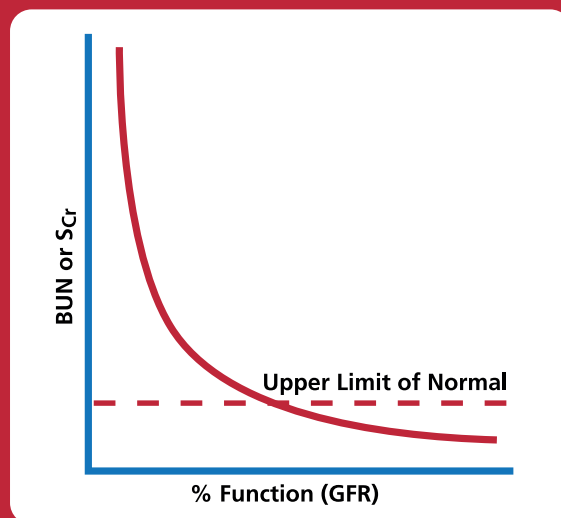
Toxicity (drugs, contrast)

Obstruction

Parenchymal kidney disease (myeloma, rhabdomyolysis, RPGN, HUS, TIN)



**Rising creatinine
= rising mortality**



KDIGO Staging System for Acute Kidney Injury

Stage	Serum creatinine	Urine output
1	rise $\geq 26 \mu\text{mol/L}$ within 48hrs or rise $\geq 1.5\text{- to }1.9 \times$ baseline SCr	$<0.5 \text{ mL/kg/hr}$ for > 6 consecutive hrs
2	rise ≥ 2 to $2.9 \times$ baseline SCr	$<0.5 \text{ mL/kg/hr}$ for > 12 hrs
3	rise $\geq 3 \times$ baseline SCR or rise $354 \mu\text{mol/L}$ or commenced on renal replacement therapy (RRT) irrespective of stage	$<0.3 \text{ mL/kg/hr}$ for > 24 hrs or anuria for 12 hrs