

SAMPLE

**Acute Kidney Injury (AKI)
Prevention & Early Detection**

1 in 5 emergency admissions is associated with AKI

1 in every 3 - 4 cases of hospital-acquired AKI is preventable

AKI prolongs inpatient care and increases hospital mortality

RECOGNISE, EVALUATE, INVESTIGATE, ACT, LIAISE

AKI is a sudden reduction in kidney function, often in association with acute sepsis and dehydration

There are 3 AKI STAGES of severity:

AKI STAGE 1

>1.5x baseline creatinine or rise >26µmol/L in 48h
and/or
urine output <0.5mL/kg/h for 6-12h

AKI STAGE 2

>2x baseline creatinine and/or
urine output <0.5mL/kg/h for ≥12h

AKI STAGE 3

>3x baseline creatinine or rise >354µmol/L and/or
urine output <0.3mL/kg/h for ≥24h

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AKI RISK FACTORS:

- Chronic kidney disease
- Advanced age/cognitive impairment
- Generalised arteriopathy
- Previous AKI

AKI RISK FACTORS:

- Sepsis
- Dehydration
- Nephrotoxic drugs (see care bundle)
- Radiocontrast

