

Specific circumstances

Contrast Nephropathy

- A leading cause of hospital acquired ARF ~ 10%
- Definition – Increase in creatinine > 25% of baseline within 2 – 5 days of contrast being given.
- Risk factors
 - Renal insufficiency
 - Contrast osmolality & amount
 - DM
 - Atherosclerosis
 - CCF
 - Other nephrotoxins

Mechanism – Direct toxicity on renal epithelial cells

Management

- Withhold potential nephrotoxic drugs
- Hydration
- Isotonic bicarbonate
- NAC