

## ***Drugs and Renal Failure***

### ***Drugs causing renal failure***

- Interstitial nephritis
  - NSAIDs
  - Antibiotics
- Acute tubular necrosis
  - Lithium
  - Contrast
  - Gentamycin
- Precipitate renal artery stenosis
  - ACE inhibitors
- Glomerular damage
  - Gold
  - NSAIDs

*NB. these should all also be avoided in renal failure*

### ***Drugs contraindicated in renal failure***

Mnemonic: **Many People Like To Nap Naked**

Metformin

Potassium-sparing diuretics

Lithium

Tetracyclines

Nitrofurantoin

NSAIDs (caution)

### ***Drugs which accumulate in renal failure***

Many antibiotics (closely monitor and decrease dose frequency)

LMWH (give half dose or unfractionated heparin)

Opioids

Digoxin

Atenolol

Methotrexate

Sulfonylureas

### ***Drugs which need a higher dose renal failure***

Furosemide