

## Acute Tubular Necrosis (ATN)

### Did you know?

Acute Tubular Necrosis is a frequently overlooked cause of acute kidney failure

Causes of ATN:

- Contrast nephropathy (following CT scan, cardiac catheterization)
- Medications (Antibiotics, Antifungals, Immunosuppressive agents, etc.)
- Prolonged ischemia, hypotension and/or shock
- Sepsis
- Rhabdomyolysis
- Hypovolemia

Consider Documenting Acute Tubular Necrosis when:

- Your patient’s Acute Kidney Failure lasts for > 3 days after fluid resuscitation
- Your patient’s urinalysis demonstrates significant proteinuria, muddy brown casts, or epithelial cell casts
- Your patient’s Fractional Excretion of Sodium is > 2 %

Documentation Examples:

- “Acute renal failure secondary to probable ATN”

No severity of illness	Moderate severity of illness	Maximal severity of illness
Azotemia, Dehydration	Acute Kidney Failure	Acute Kidney Failure due to ATN