Clinical Pearl: Renal Morbidity Due to NSAIDS

Contributor: Yisfalem Alamdew, MD
St. Mary’s Nephrology Clinic

Target Audience: Physicians

Long term use of NSAIDs is known to cause:

1. AKI (Pre renal or ATN)
2. Acute and Chronic interstitial nephritis
3. Hypertension
4. Papillary necrosis.
5. Minimal change disease
6. Membranous nephropathy
7. RTA4 like presentations

Although widely used and available, NSAID use should be short term and monitored. We also know possible Gastrointestinal and Cardiovascular relations of NSAID use including bleeding ulcers, cardiomyopathy, congestive heart failure and Myocardial infarction.

2. Drug-induced acute interstitial nephritis J Rossert - Kidney international, 2001 - Elsevier
5. Renal papillary necrosis induced by naproxen Larisa Kovacevic etal division of Pediatric Nephrology Children's Hospital of Michigan, August 2003, Volume 18, Issue 8, pp 826–829