

Pharma-7- Summary

- Drugs to treat Gout →

NSAIDs, steroids, colchicine.

- Urate lowering Drugs →

Allopurinol, Probenecid, Febuxostat

Start with

↳ NSAIDs → ① indomethacin → inhibit urate crystal phagocytosis

② Naproxen ③ Ibufen ④ Ketoprofen

⑤ sulindac ⑥ Aspirin in high dose

↳ Colchicine → inhibit microtubule polymerization

in high dose → treat gouty arthritis

~~low~~ low dose → prevent recurrent Gouty Arthritis

Adverse Effect → Aplastic Anemia + thrombocytopenia
+ prevent formation of mitotic spindles

* Drugs Block production of Uric Acid:-

① Allopurinol → inhibit xanthine oxidase

↳ adverse effect → Exfoliative dermatitis + skin lesion
+ cataracts

② Febuxostat → Same mechanism of Allopurinol

③ Pegloticase → treat Refractory Chronic gout

↳ adverse effect → Effect RTI

↳ contraindication → For patient G6PD deficiency.

* Drugs Enhance Excretion of uric Acid →

① Uricosuric therapy like probenecid → Block tubular Reabsorption

↳ contraindication → for patient with renal disease-
history of Nephrolithiasis

→ Cortico

→ Glucocorticoids → Prednisone → administration orally + SC