

## Probenesid

- ↑ urin uric acid level
- ↓ serum uric acid level

Risk: Nephrolithiasis [Kidney stones]

Enhances excretion of uric acid

hyperuricemia

## Allopurinol

- management of hyperuricemia
- " " recurrent Calcium Oxalate Kidney stones.

AE → Rash, Acute gout!, Allopurinol hypersensitivity

→ Steven-Johnson Syndrome

xanthine oxidase inhibitors

## Febuxostat

- minimal adverse events
- same mechanism of action as Allopurinol
- So, Great Alternative.

xanthine oxidase inhibitors  
hyperuricemia

## Pegloticase

enzyme

- found in animals, pigs.
- speeds resolution of tophi
- treatment-resistant gout.

hyperuricemia

## Glucocorticosteroids

↓  
Prednisone

gouty arthritis

# Drugs of Gout

- NSAIDS
- Indomethacin
  - Naproxen
  - Ibuprofen
  - Solindac
  - Ketoprofen

~~Aspirin~~

for Acute Arthritis (Inflammation)

↑  
Colchicine → Microtubules ⊖

- dose
- ↑ treat acute gouty arth. + Daily prophylaxis
  - ↓ Prevention of recurrent gouty arth.

## IL-1 receptor antagonist

- Anakinra
- Canakinumab
- Rilonacept

• target IL-1 pathway  
suppress the inflammation

### مُذْرِك

وأنت يا هذا.. أكلما دعاك هواك أجبت..  
ترفع عن المذلة لهواك واطلب العزة  
بجناب الله، دع عنك براثن الهوى وأسر  
الشهوات.

يا مسكين.. داؤك هواك

محمد السيد عبدالوهاب, Mar 31, 6:45 PM

@freemates