

A closer look at thiazide diuretics

Increases renal excretion of:

- → Sodium
- → Potassium
- → Hydrogen ions (causing metabolic alkalosis)

Decreases renal excretion of:

Calcium

Thiazides are used to prevent kidney stones

Thiazide diuretics reduce

- → urinary calcium
- prevent calcium-containing stones

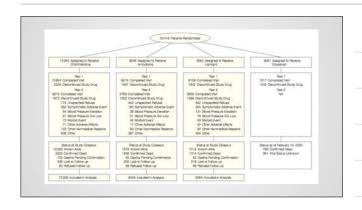
Primarily used in hypercalciuria.

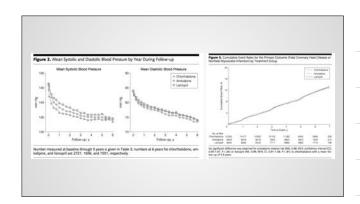
- → Women over 250 mg
- → Men over 300 mg

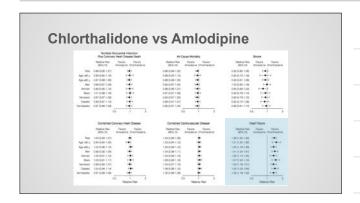


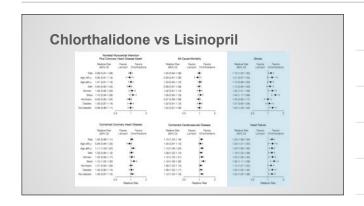












Thiazides summary ⇒ Acts at the distal convoluted tubule ⇒ A first line anti-hypertensive drug ⇒ Only diuretic that decreases urinary calcium