

# Calcifediol

## Calcifediol

**Calcifediol** is used to treat secondary hyperparathyroidism (a condition in which the body produces too much parathyroid hormone [PTH; a natural substance needed to control the amount of calcium in the blood] in certain adults with chronic kidney disease (condition in which the kidneys stop working slowly and gradually).

**Calcifediol** is in a class of medications called vitamin D analogs. It works by helping the body to use more of the calcium found in foods or supplements and by regulating the body's production of parathyroid hormone.

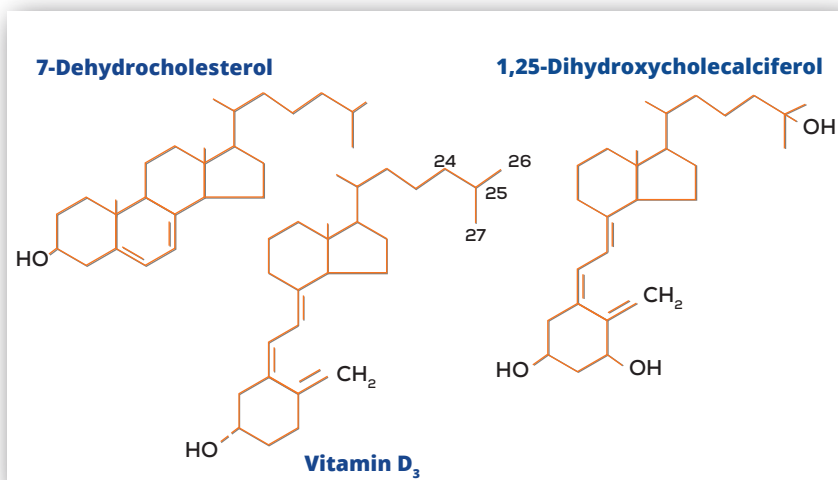
**Calcifediol** is also sometimes used to treat osteomalacia (weakening and softening of the bones) due to liver disease

### Calcifediol is our proposal for:

- Vitamin D deficiency
- Renal osteodystrophy
- Hypocalcemia in renal failure
- Bone problems induced by corticosteroids or anticonvulsants
- Malabsorption syndrome
- Osteoporosis
- Osteomalacia

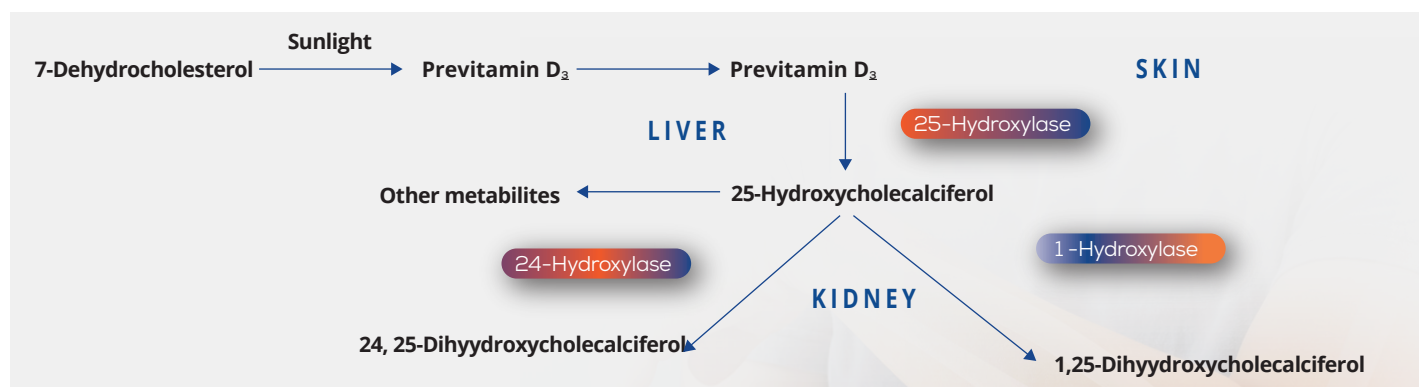
### Benefits

- ✓ 4 to 5 times more effective than Cholecalciferol
- ✓ Faster and 3-6 more powerful



Where 25-Hydroxycholecalciferol is Calcifediol and 1,25-Dihydroxycholecalciferol is Calcitriol. Vit. D<sub>3</sub> is not active *in vivo* and needs to be hydroxylated twice to become active ( Calcitriol ). Calcifediol solves the problem in cases of difficult or poor D<sub>3</sub>-D<sub>2</sub> metabolism, and/or intake because D<sub>3</sub> absorption may also be affected by other factors like Calcium excess, Deficit of Vit.K or hyper/hypoparathyroidism.

### Scheme for Vit. D<sub>3</sub> metabolism:



### Suitable for:



**Diabetics**



**Lactose Intolerants**



**Celiacs**