

## Secondary Hyperparathyroidism: A Hidden Danger in Chronic Kidney Disease

### **Use of extended-release calcifediol to treat secondary hyperparathyroidism in stages 3 and 4 chronic kidney disease**

Sprague SM, Crawford PW, Melnick JZ, et al. Use of extended-release calcifediol to treat secondary hyperparathyroidism in stages 3 and 4 chronic kidney disease. *Am J Nephrol*. 2016;44(4):316-325. doi:10.1159/000450766

Link: <https://pubmed.ncbi.nlm.nih.gov/27676085/>

### **Mechanisms of vascular calcification in kidney disease**

Disthabanchong S, Srisuwarn P. Mechanisms of vascular calcification in kidney disease. *Adv Chronic Kidney Dis*. 2019;26(6):417-426. doi:10.1053/j.ackd.2019.08.014

Link: [https://www.akdh.org/article/S1548-5595\(19\)30154-5/fulltext](https://www.akdh.org/article/S1548-5595(19)30154-5/fulltext)

### **High-dose cholecalciferol reduces parathyroid hormone in patients with early chronic kidney disease: a pilot, randomized, double-blind, placebo-controlled trial**

Alvarez JA, Law J, Coakley KE, et al. High-dose cholecalciferol reduces parathyroid hormone in patients with early chronic kidney disease: a pilot, randomized, double-blind, placebo-controlled trial. *Am J Clin Nutr*. 2012;96(3):672-679. doi:10.3945/ajcn.112.040642

Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3417221/>

### **Extended-release calcifediol in stage 3-4 chronic kidney disease: a new therapy for the treatment of secondary hyperparathyroidism associated with hypovitaminosis D**

Cozzolino M, Minghetti P, Navarra P. Extended-release calcifediol in stage 3-4 chronic kidney disease: a new therapy for the treatment of secondary hyperparathyroidism associated with hypovitaminosis D. *J Nephrol*. 2022;35(3):863-873. doi:10.1007/s40620-021-01152-5

Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8995284/>

### **KDIGO 2017 clinical practice guideline update for the diagnosis, evaluation, prevention, and treatment of CKD-MBD**

Kidney Disease: Improving Global Outcomes (KDIGO) CKD-MBD Update Work Group. KDIGO 2017 clinical practice guideline update for the diagnosis, evaluation, prevention, and treatment of chronic kidney disease-mineral and bone disorder (CKD-MBD). *Kidney Int Suppl* (2011). 2017;7(1):1-59. doi:10.1016/j.kisu.2017.04.001

Link: <https://kdigo.org/wp-content/uploads/2017/02/2017-KDIGO-CKD-MBD-GL-Update.pdf>

**Vitamin D therapy and cardiac structure and function in patients with chronic kidney disease: the PRIMO randomized controlled trial**

Thadhani R, Appelbaum E, Pritchett Y, et al. Vitamin D therapy and cardiac structure and function in patients with chronic kidney disease: the PRIMO randomized controlled trial. *JAMA*. 2012;307(7):674-684. doi:10.1001/jama.2012.120

Link: <https://jamanetwork.com/journals/jama/fullarticle/1104984>

**Effect of paricalcitol on left ventricular mass and function in CKD—the OPERA trial**

Wang AYM, Fang F, Chan J, et al. Effect of paricalcitol on left ventricular mass and function in CKD—the OPERA trial. *J Am Soc Nephrol*. 2014;25(1):175-186. doi:10.1681/ASN.2013010103

Link: <https://journals.lww.com/jasn/pages/articleviewer.aspx?year=2014&issue=01000&article=00021&type=Fulltext>