

PHOSPHORUS



7,000 mg/week
(dietary Intake)

3,000 mg/week
(removed by
conventional HD)

4,000 mg/week
(managed through
diet restrictions
and binders)^{1,2}

INCREASED FREQUENCY & DURATION OF HD

LOWERED

serum phosphorus

0.6 mg/dL
(for daily)³

1.6 mg/dL
(for nocturnal)⁴



REDUCED

phosphate binder dose^{3,4}

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2. Hou SH, Zhao J, Ellman CF, et al. Calcium and phosphorus fluxes during hemodialysis with low calcium dialysate. *Am J Kidney Dis.* 1991;18(2):217-224.

3. Daugirdas JT, Chertow GM, Larive B, et al. Effects of frequent hemodialysis on measures of CKD mineral and bone disorder. *JASN.* 2012;23(4):727-738. doi:10.1681/ASN.2011070688.

4. Culeton BF, Walsh M, Klarenbach SW, et al. Effect of frequent nocturnal hemodialysis vs conventional hemodialysis on left ventricular mass and quality of life: a randomized controlled trial. *JAMA.* 2007;298(11):1291-1299. doi:10.1001/jama.298.11.1291.