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Manuscript Type: Review

Mineral and bone disorder after kidney transplantation

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## Abstract

After successful kidney transplantation, accumulated waste products and electrolytes are excreted and regulatory hormones return to normal levels. Despite the improvement in mineral metabolites and mineral regulating hormones after kidney transplantation, <sup>15</sup>abnormal bone and <sup>35</sup>mineral metabolism continues to present in most patients. During the first 3 months, <sup>88</sup>fibroblast growth factor-23 (FGF-23) and parathyroid hormone (PTH) levels decrease rapidly in association with an increase

### Management of mineral and bone disorder after kidney transplantation

[www.ncbi.nlm.nih.gov/pubmed/22614626](http://www.ncbi.nlm.nih.gov/pubmed/22614626)

Curr Opin Nephrol Hypertens. 2012 Jul.21(4):389-403. doi: 10.1097/MNH.0b013e3283546ee0.

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It has been well established that a rapid decrease in bone mineral density (BMD) occurs in the first 6 to 12 mo after a successful renal transplantation and....

### Parathyroid and mineral metabolism after renal transplantation

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27 Feb 2015 ... (See .Overview of chronic kidney disease-mineral bone disease ... Aseptic necrosis of bone following renal transplantation: relation with....

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The risk for fracture after kidney transplantation is estimated conservatively at 2 to 20% of