

Special Article - Nephrology & Dialysis

Skull Patchy Shadows of Uremia Patient

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Case Description and Question

A 35-year-old male patient came to hospital with the complaint of systemic bone pain for four years. He has a history of uremia and has undergone hemodialysis three times a week for more than eight years. He has endured systemic bone pain, refractory skin pruritus, height shorten and bone fracture since 2010. What is the diagnosis?

Image Description and Answer

Skull X-ray showed multiple patchy dense shadows; structures of inner and outer plates and diploe were obscure. His serum intact parathyroid hormone (iPTH) was up to 3272.0pg/ml. Serum calcium and phosphorus was 2.22mmol/L and 1.53mmol/L, respectively. He was diagnosed of secondary hyperthyroidism, uremia and renal osteodystrophy.

