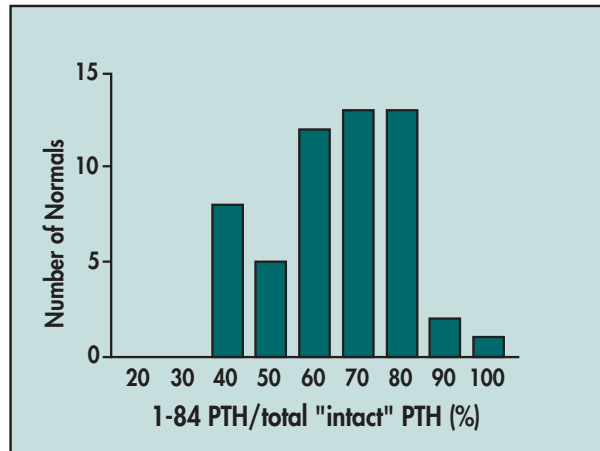


7-84 PTH Circulates in the Blood of Normals and Patients with a Range of 10:1 to 1:10 Compared to 1-84 PTH

Functioning Kidneys

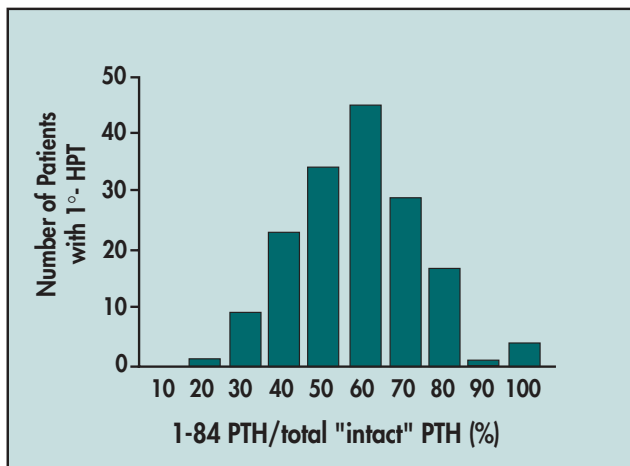


% 3rd generation CAP™ assay result/2nd generation "intact" PTH assay result in Normals
 ← (n=56)

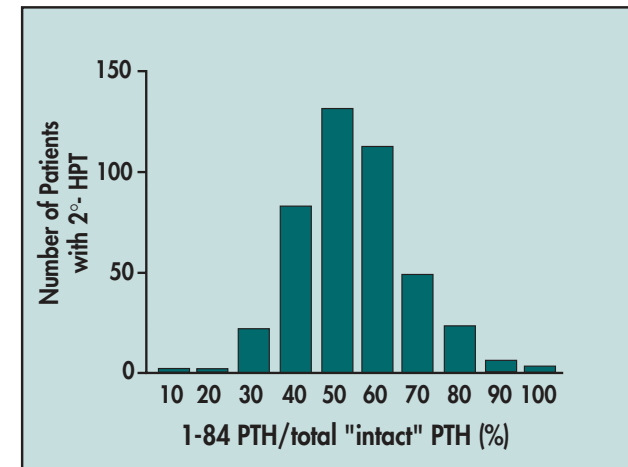
Kidney Failure

High variation of 1-84 PTH and No Separate Measurement of 7-84 PTH contribute to poor bone turnover predictability by 2nd generation "intact" PTH assays in ESRD.

% 3rd generation CAP™ assay result/2nd generation "intact" PTH assay result in 2°-HPT
 ↓ (n=318)



7-84 PTH value is shown not to be an accumulation phenomenon.
 % 3rd generation CAP™ assay result/2nd generation "intact" PTH assay result in 1°-HPT
 ← (n=165)



Note: The wide spread in the ratio values demonstrates that a constant factor **cannot** be applied to 2nd generation "intact" PTH assay values to derive the 1-84 PTH or 3rd generation CAP™ assay values.

Gao P, Scheibel S, D'Amour P, et al. Development of a Novel Immunoradiometric Assay Exclusively for Biologically Active Whole Parathyroid Hormone 1-84: Implications for Improvement of Accurate Assessment of Parathyroid Function. *J Bone Miner Res* 2001; 16(4):605-614.