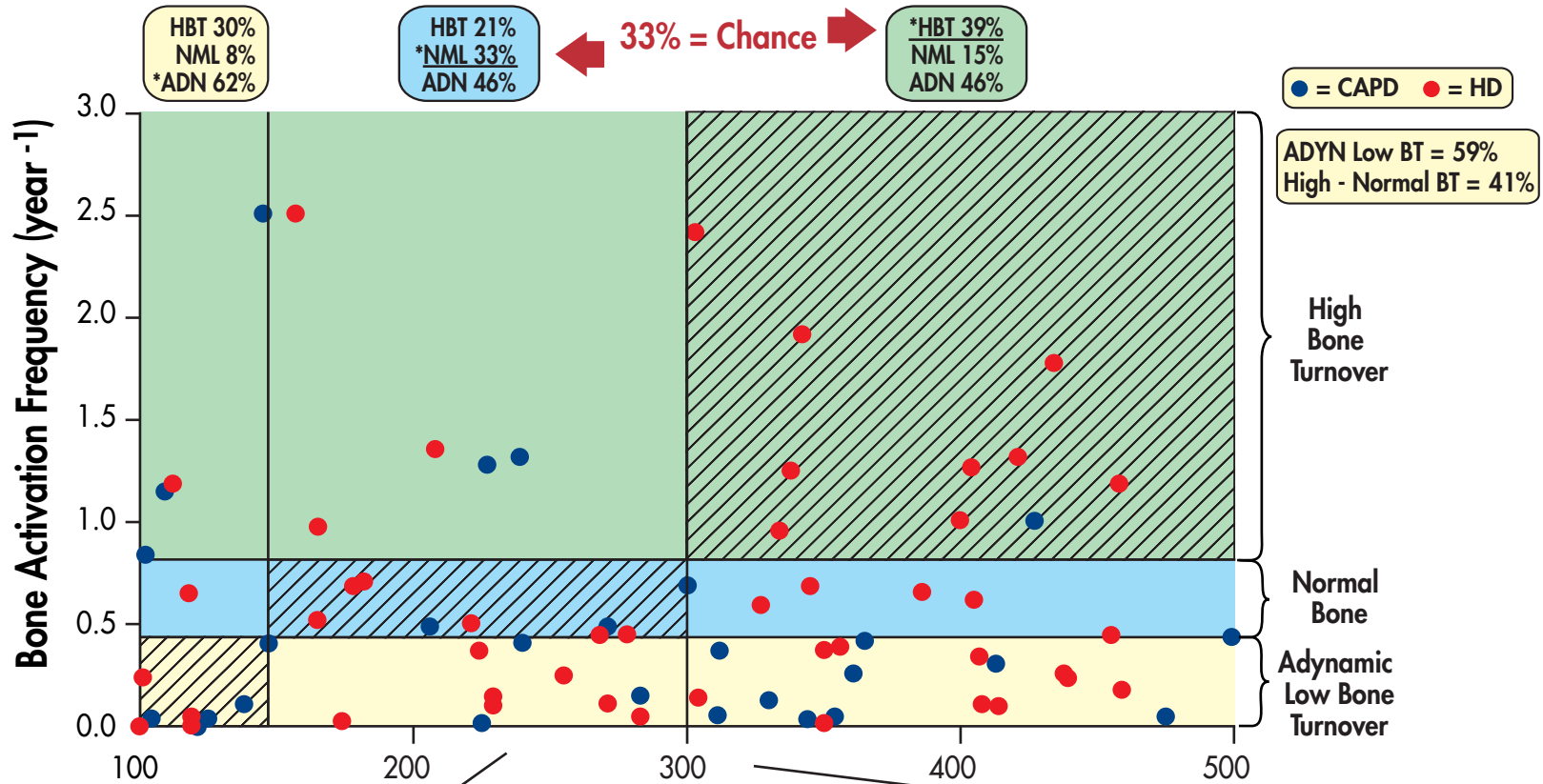


# The Intact PTH Assay can Predict Adynamic, but not Normal or High Bone Turnover Status

Bone Biopsy Reveals 100-500 pgm/mL Intact PTH (Majority ESRD) is Non-Diagnostic of Bone Turnover



Intact PTH of 150-300 pgm/mL does not predict normal bone turnover (only 33%)

Nichols "intact" PTH (pgm/mL)

Faugere M-C, et al., Improved Assessment of Bone Turnover by the PTH 1-84/Large C-PTH Fragments Ratio in ESRD Patients. *Kidney Int* 2001; 60:1460-1468.

Qi Q, et al., Predictive value of serum parathyroid hormone levels for bone turnover in patients on chronic maintenance dialysis. *Am J Kidney Dis* 1995; 26:622-31.

Note - It is not true that >300 pgm/mL predicts high bone turnover, histology reveals the majority have normal plus adynamic low bone turnover. Therefore, to rely on this 3rd claim will result in OVERSUPPRESSION