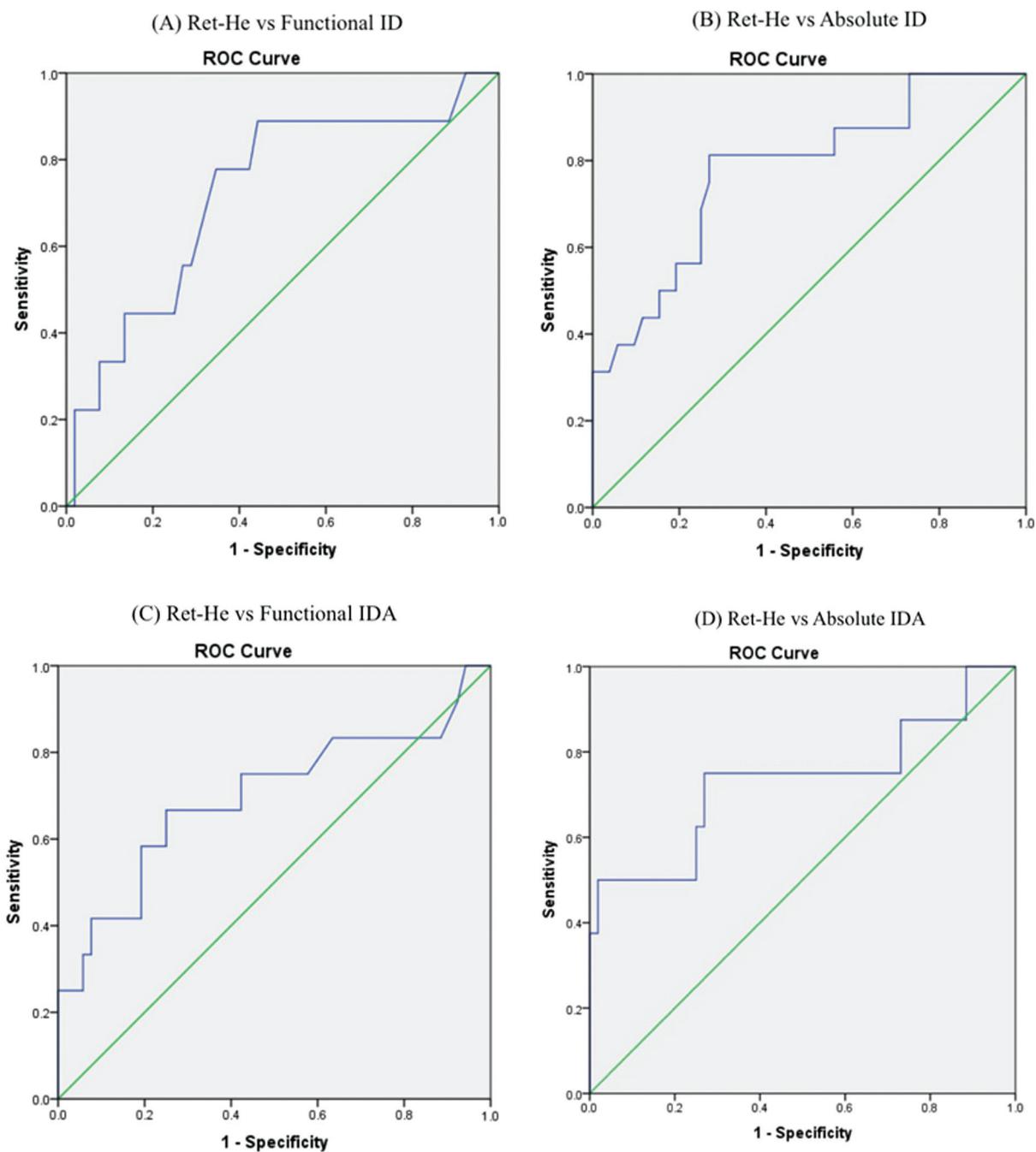


Supplementary Fig. 1 Study flow.



**Supplementary Fig. 2** ROC curve of Ret-He to evaluate iron status: (A) functional ID, (B) absolute ID, (C) functional IDA, and (D) absolute IDA ( $p$ -value = 0.033, 0.001, 0.034, and 0.037, respectively).