

Figure 1 Flow chart showing the course of study

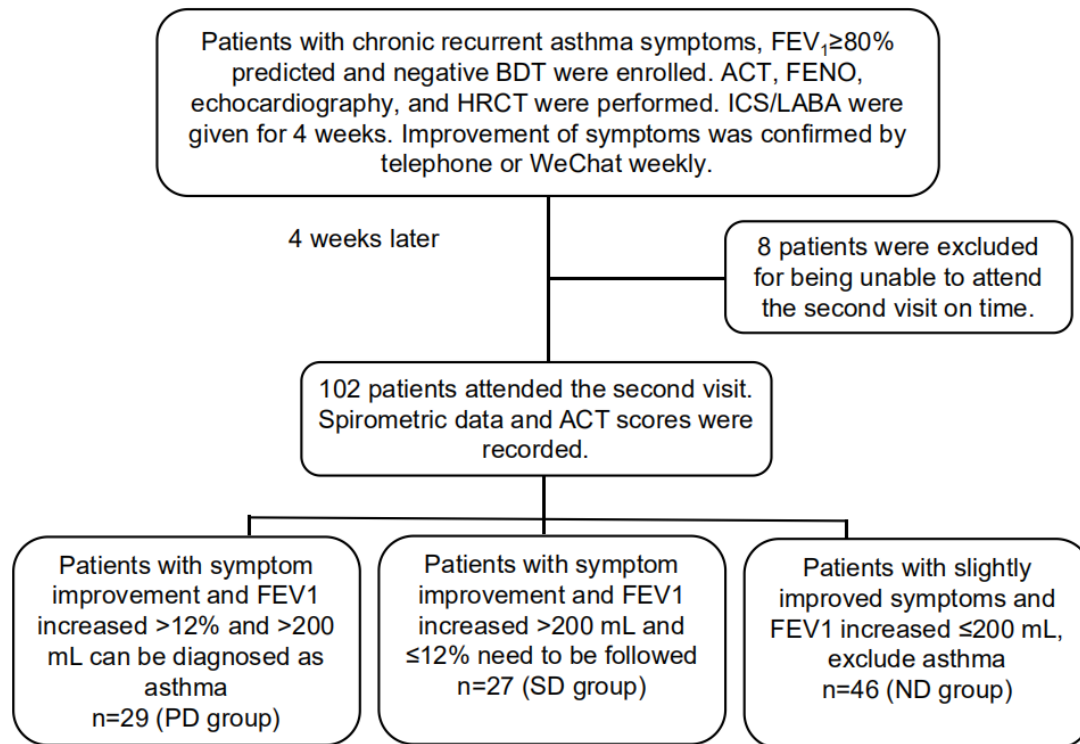


Figure 2 Dynamic changes of spirometric variables in the three groups at baseline, after bronchodilation, and after 4 weeks of treatment.

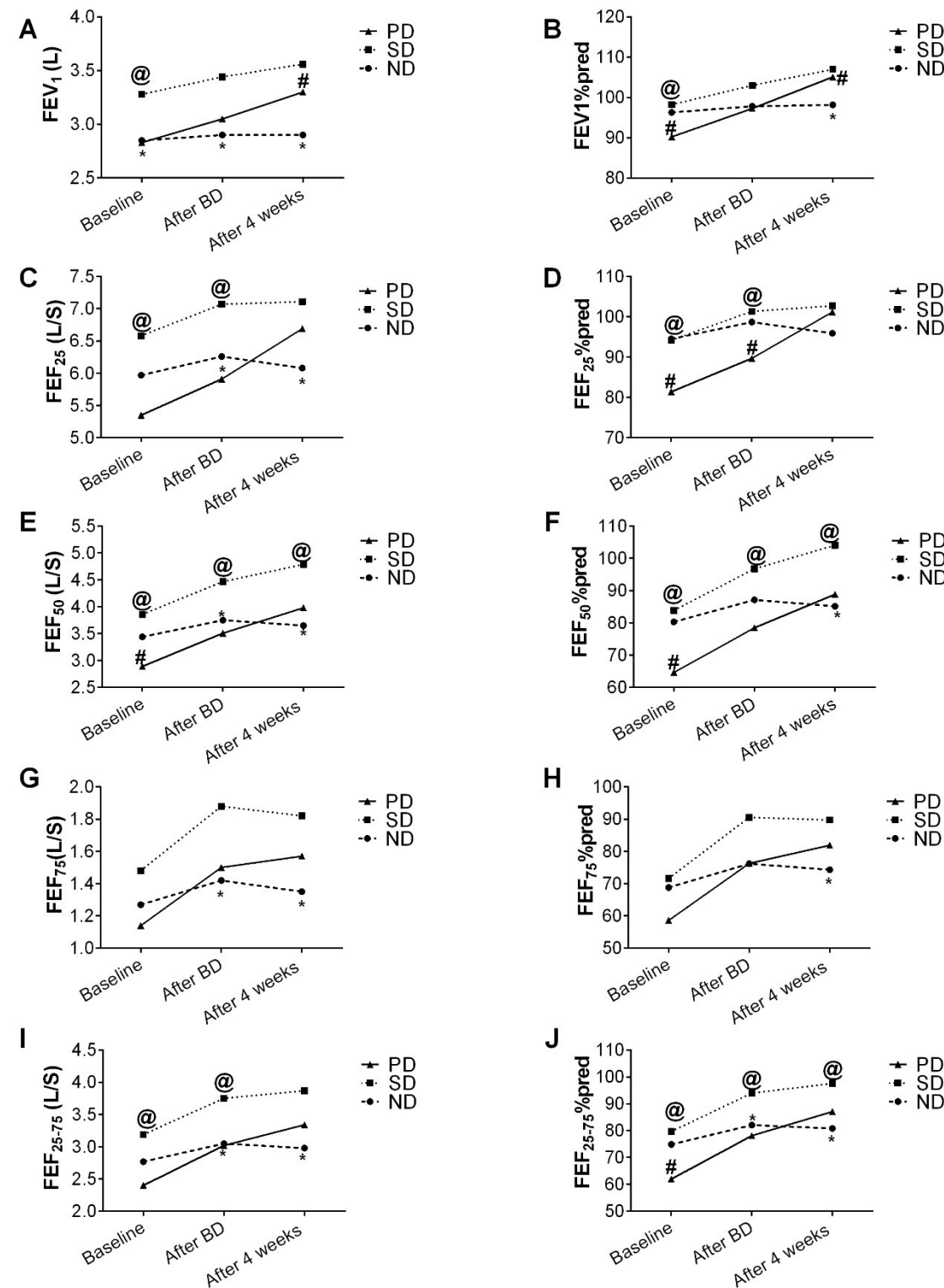


Figure 3. ACT categories in the NRAT and PRAT groups

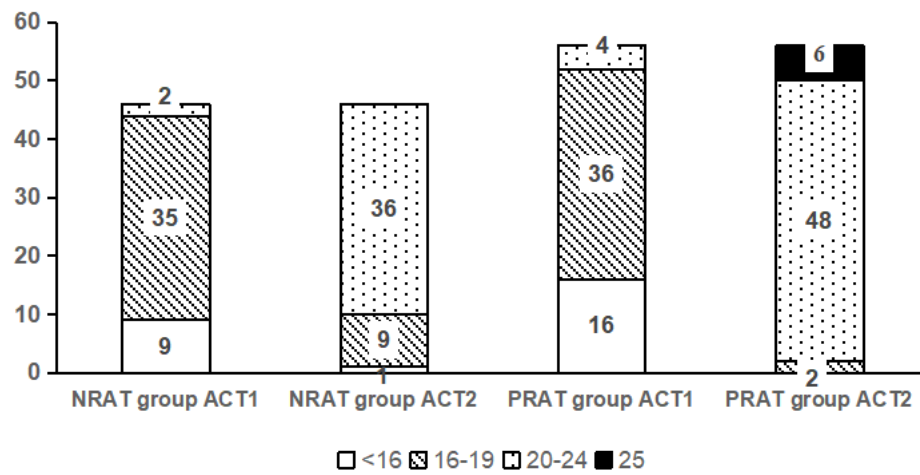


Figure 4 ROC curves of the joint models predicting PRAT.

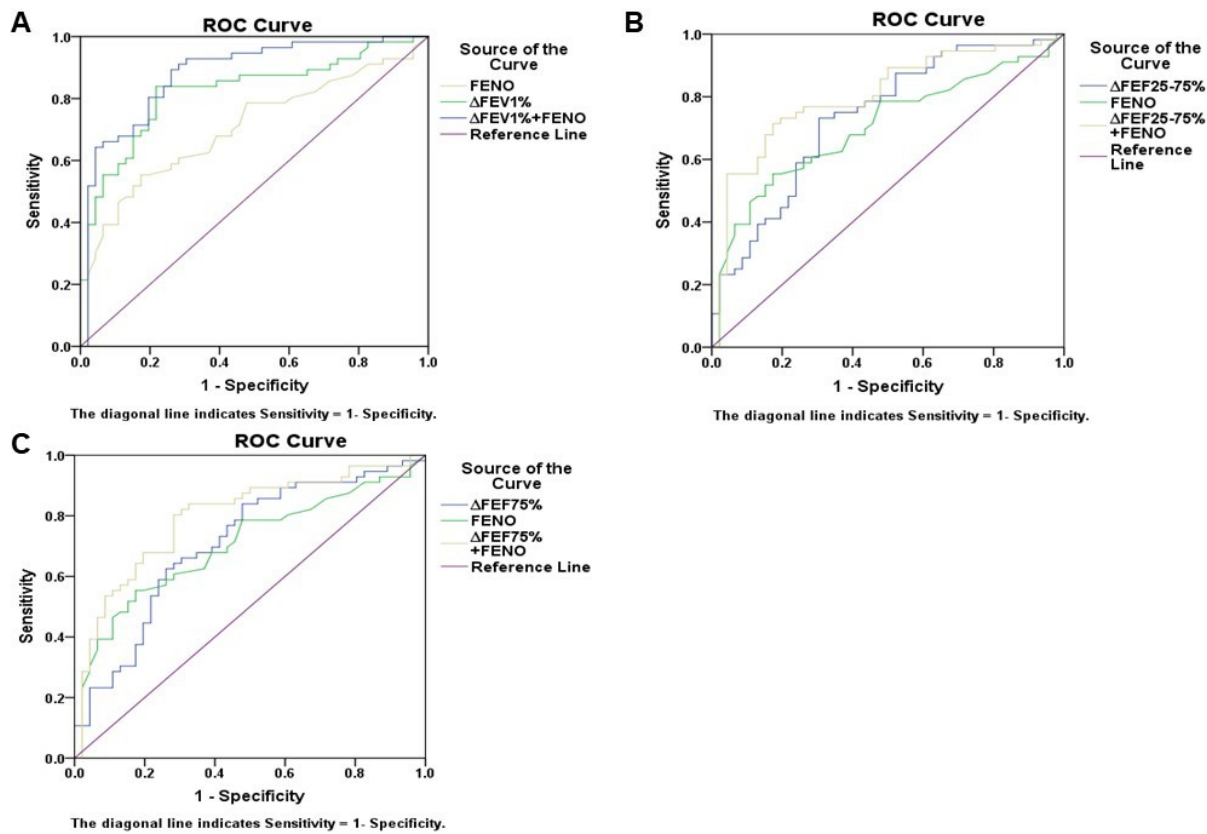


Figure 5 Inflammatory cytokines and cells in lung tissues from patients in the predicted PRAT and predicted NRAT groups in Part II.

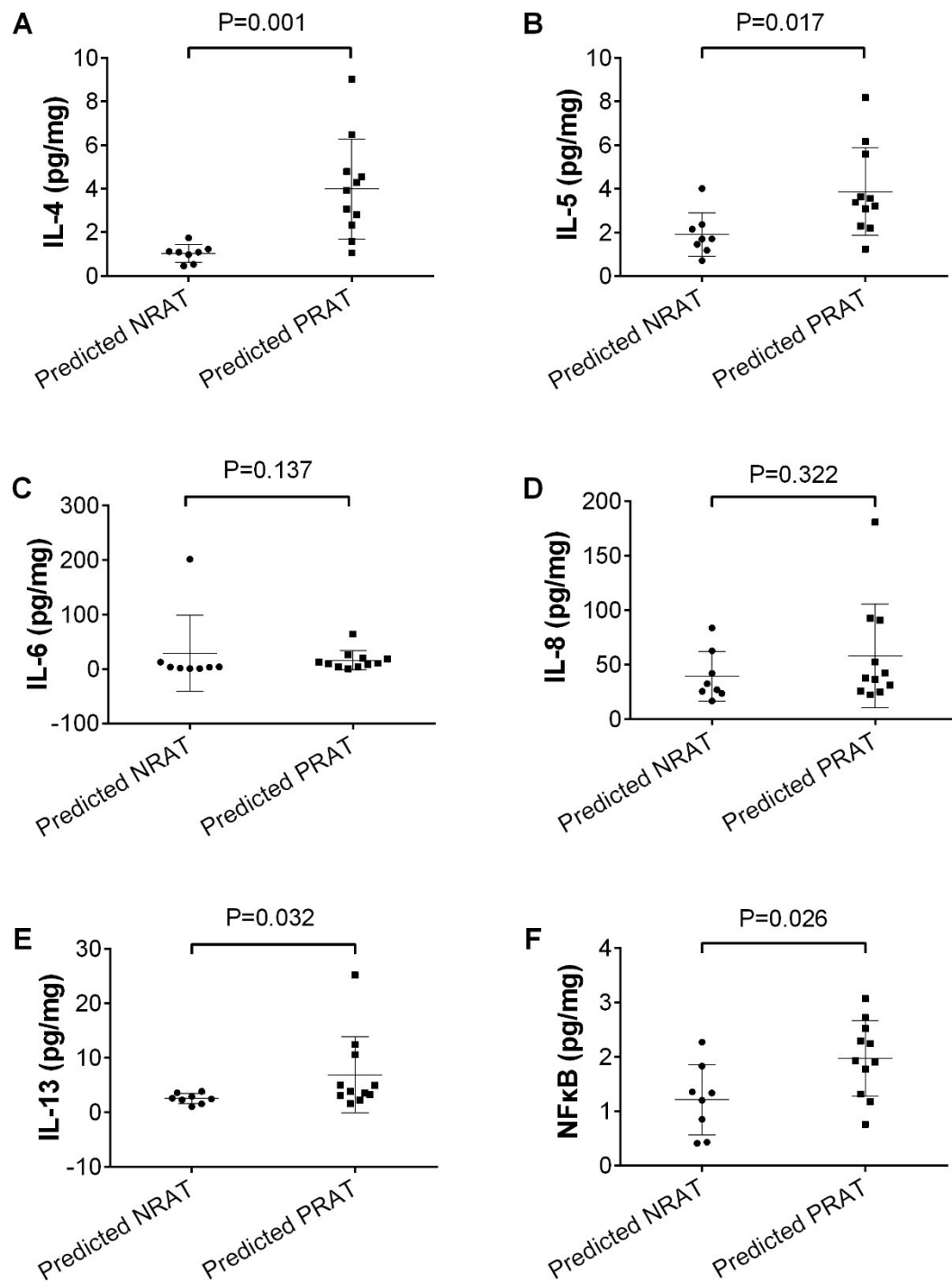


Figure 6 Photomicrographs of lung tissue in the predicted PRAT and predicted NRAT groups in Part II.

