

PFTs



- ① Assess Validity
 - effort
 - consistency
 - flow volume loop

② Assess $\frac{FEV_1}{FVC}$



>70%

<70%

NON-OBSTRUCTIVE

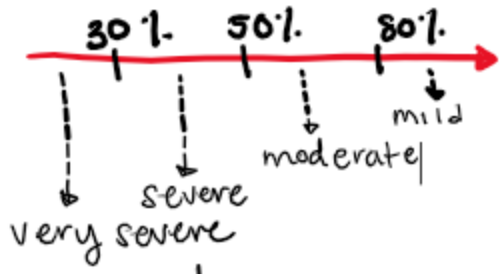
OBSTRUCTION

① EVAL FVC and TLC

① GRADE SEVERITY
FEV₁ % PREDICTED

NORMAL
② EVAL DLCO

LOW
② EVAL DLCO



NORMAL
normal lungs

LOW
early ILD
pulm-vascular dz

② REVERSIBILITY

↳ 10-12% improvement FEV₁ → ASTHMA
↳ Partial/no change FEV₁ → COPD

NORMAL
Extra-pulmonary
Restrictive dz.
- neuromuscular dz
- kyphoscoliosis
- obesity

LOW
pulmonary
Restrictive dz.
- ILD

* unless flow volume loop = scooped, indicating concomitant obstruction + restriction