

Spirometry Interpretation Flow Chart

Check FEV1/FVC ratio (use FEV1/VC ratio if VC is greater than FVC)
Is it less than 70%?

YES

NO

Is FVC less than 80% predicted?
(or VC if used in ratio)

Is FVC less than 80% predicted?
(or VC if used in ratio)

NO

YES

YES

NO

Obstructive

Mixed*

Restrictive

Normal

Severity of Obstruction

MILD	FEV1 > 80% Predicted (Symptoms should be present to diagnose COPD in people with mild airflow obstruction)
MODERATE	FEV1 50 – 79% Predicted
SEVERE	FEV1 30 – 49% Predicted
VERY SEVERE	FEV1 < 30% Predicted (or FEV1 > 50% with respiratory failure)

* GOLD 2010 spirometry guide
Reference - NICE guidelines 2010