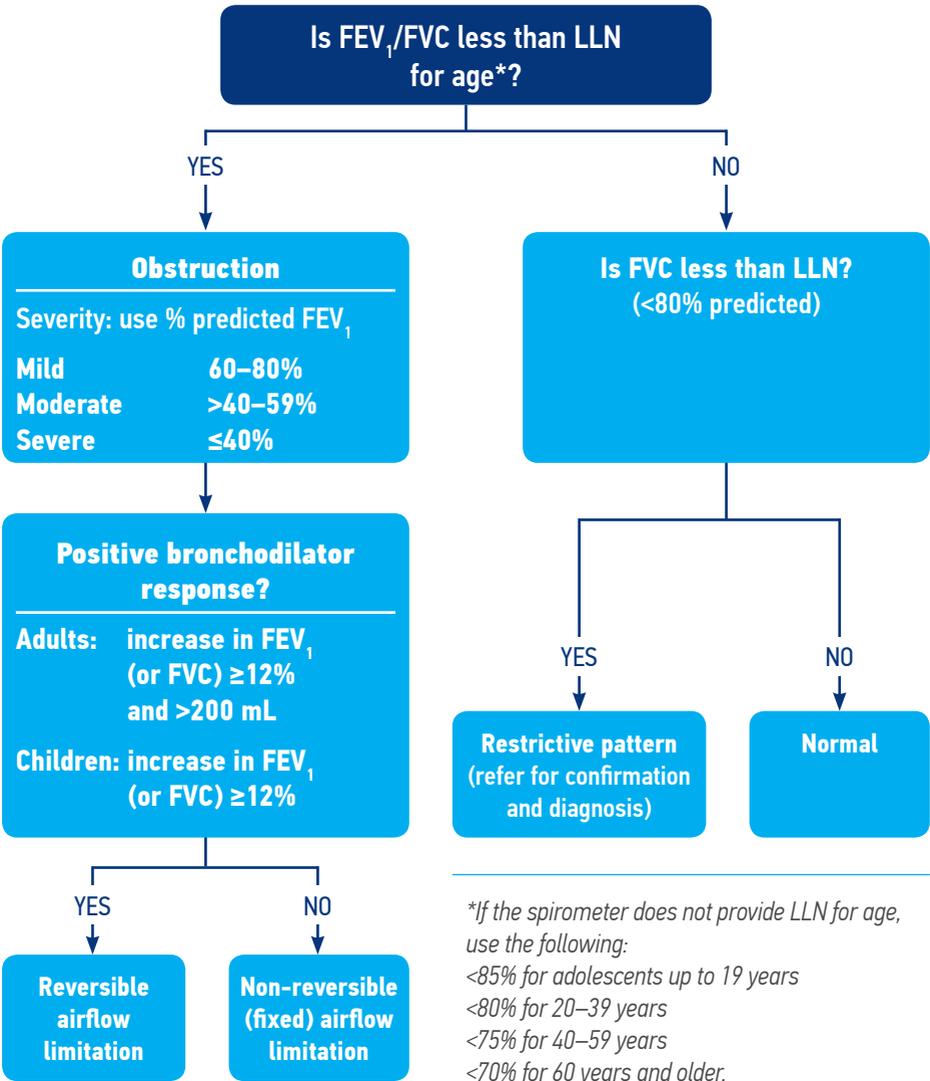
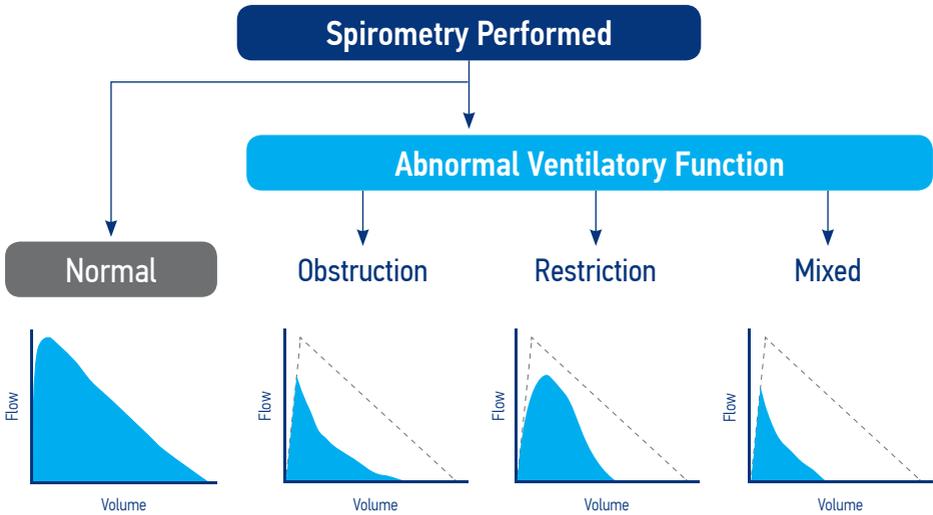


Interpreting results

Simple algorithm for interpreting spirometry



Identifying ventilatory defects



Types of ventilatory defects

	Obstruction	Restriction	Mixed defect
Problem	<p>Expiratory airflow limitation: unable to blow out quickly</p> <p><i>e.g. asthma, COPD, overlap of asthma and COPD</i></p>	<p>Limitation to inspiration: small lungs</p> <p><i>e.g. obesity, pulmonary fibrosis, pleural/chest wall disease, weak inspiratory muscles</i></p>	<p>Small lungs and unable to blow out quickly</p>
Spirometry findings	Reduced FEV_1/FVC ratio	Low FVC but normal or high FEV_1/FVC ratio	Reduced FEV_1/FVC ratio plus low FVC