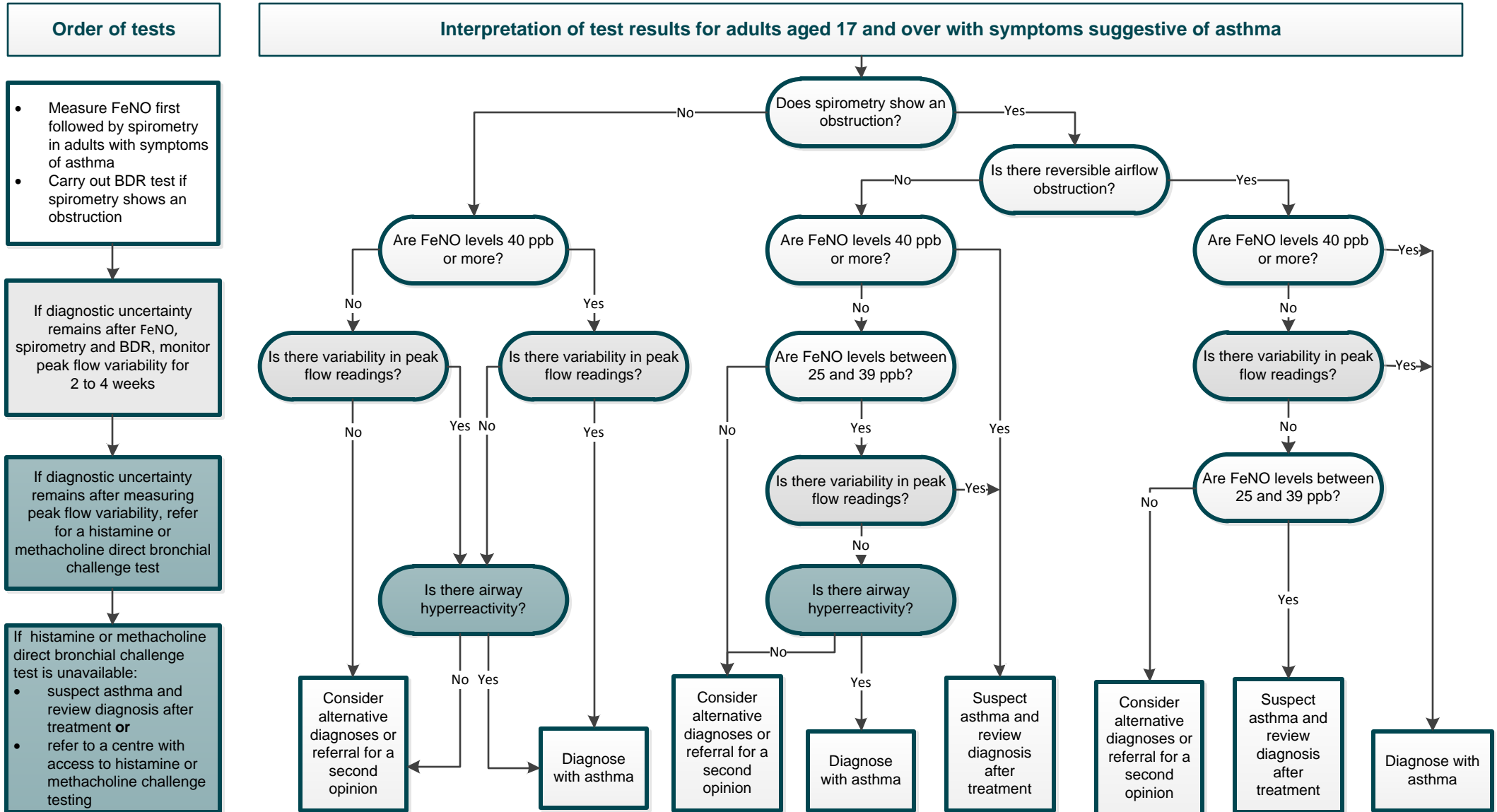


Algorithm C Objective tests for asthma in adults aged 17 and over



Abbreviations:

FeNO, fractional exhaled nitric oxide
BDR, bronchodilator reversibility

This algorithm is based on recommendations from NICE's guideline on [asthma: diagnosis, monitoring and chronic asthma management](#) (2017)

Positive test thresholds

Obstructive spirometry: FEV1/FVC ratio less than 70% (or below the lower limit of normal if available)

FeNO: 40 ppb or more

BDR: improvement in FEV1 of 12% or more and increase in volume of 200 ml or more

Peak flow variability: variability over 20%

Direct bronchial challenge test with histamine or methacholine: PC20 of 8 mg/ml or less

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