

Asthma list of clinical review questions

DIAGNOSTIC QUESTIONS	
Initial clinical assessment	
Q1	In people under investigation for asthma, what is the diagnostic accuracy of each of the following signs and symptoms? <ul style="list-style-type: none"> • wheezing • cough • breathlessness • nocturnal symptoms • diurnal and seasonal variations.
Q2	In people under investigation for asthma, what is the diagnostic accuracy of a clinical history of symptoms in response to exercise?
Q3	In people under investigation for asthma, what is the diagnostic accuracy of a clinical history of symptoms after taking the following drugs: <ol style="list-style-type: none"> a) in adults - beta blockers, aspirin, or other NSAIDs b) in children – ibuprofen?
Q4	In people under investigation for asthma, what is the diagnostic accuracy of taking a personal/family history of atopic disorders?
Q5	In adults under investigation for occupational asthma, what is the diagnostic accuracy for case identification, of asking whether their symptoms are better away from work?
Objective tests	
Q6	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of spirometry / flow volume loop measures?
Q7	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of peak expiratory flow (PEF) variability?
Q8	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of bronchodilator response (using PEF or FEV1)?
Q9	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of airway hyper-reactivity (non-specific bronchial challenge) with histamine and methacholine?
Q10	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of airway hyper-reactivity (non-specific bronchial challenge) with mannitol?
Q11	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of skin prick tests?
Q12	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of total and specific serum IgE measures?
Q13	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of eosinophil blood count measures?
Q14	In people under investigation for asthma, what is the diagnostic accuracy of bronchoconstriction in response to an exercise challenge?

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Q15	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of fractional exhaled nitric oxide (FeNO) measures?
MONITORING QUESTIONS	
Q16	In people with asthma, what is the clinical and cost-effectiveness of using symptoms scores/diaries or validated questionnaires measuring symptom control (e.g. ACT, ACQ, CACT, RCP 3 questions) and/or health related quality of life (e.g. AQLQ, PAQLQ) to monitor asthma?
Q17	In people with asthma, what is the clinical and cost-effectiveness of tele-healthcare to monitor asthma control?
Q18	In people with asthma, what is the clinical and cost-effectiveness of monitoring adherence to treatment?
Q19	In people with asthma, what is the optimal frequency and method for monitoring inhaler technique?
Q20	In people with asthma, what is the clinical and cost-effectiveness of using indirect challenge tests with mannitol or direct challenge tests with histamine or methacholine for monitoring asthma control?
Q21	In people with asthma, what is the clinical and cost-effectiveness of using measures of pulmonary function assessing asthma control (for example, spirometry and peak expiratory flow) to monitor asthma?
Q22	In people with asthma, what is the clinical and cost-effectiveness of using the peripheral blood eosinophil count for monitoring asthma control?
Q23	In people with asthma, what is the clinical and cost-effectiveness of using fractional exhaled nitric oxide (FeNO) measures for monitoring asthma control?