

Case 7

Question 1 (written by Joe Edwards)

Patients with symptoms suggestive of anaphylaxis should be accessed by the “ABCDE” approach.

- a) State one examination finding you might notice for each of the ABCDE stages, if the patient is indeed experiencing anaphylaxis. [3]

- b) Describe the immediate first-line treatment for anaphylaxis. [3]

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- c) Suggest two additional treatments and two investigations relevant to management of anaphylaxis.

[2]

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Question 2 (written by Joe Edwards)

A 1-year-old arrives to an emergency department with shortness of breath, cough and high fever. Her parents describe a history of worsening symptoms over the last few hours and a lack of interest in feeding. On examination, diffuse crackles are noted on auscultation and the child appears distressed due to laboured breathing. The doctor notices a high pitched expiratory wheeze and that the cough does not sound harsh or 'barking'. The doctor suspects a lower RTI.

a) State and justify the most likely type of RTI in this case. [2]

b) State the usual causative organism for this condition. [1]

The doctor notes that the parents are very concerned about their child and request antibiotics.

c) Describe why antibiotics may **not** be appropriate in this case **and** describe the step(s) the doctor might take to treat this condition.

[3]
