



Facial rash

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Case history

A boy, 10 years of age, presented with a rash on his chin. The rash is a scaling papular lesion with peripheral enlargement and central clearing.



Question 1

What is the diagnosis?

Question 2

What is the aetiology?

Question 3

What is the differential diagnosis?

Question 4

What is the treatment?

ANSWERS TO SEPTEMBER BRAIN TEASER



Answer 1

Differential diagnoses include metastatic lymph nodes, branchial cleft cyst, carotid body aneurysm, salivary gland tumour.

Answer 2

A CT scan demonstrates intensely enhancing mass in the right neck, centred at the carotid bifurcation. The lesion is well circumscribed. It is most consistent with a carotid body tumour.

Answer 3

Although it is an invasive test, carotid angiography is by far the most useful diagnostic test for paragangliomas. This modality can establish the diagnosis, demonstrate multiple lesions, determine the size and vascularity, and evaluate the tumour blood supply.

Answer 4

Surgical excision is the treatment of choice, although radiation therapy is an option for patients who are not surgical candidates.

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