

Fellowship Examination Oral and Maxillofacial Radiology: Sample Case

Disclaimer

The following sample case is provided for illustrative purposes only. It is intended to demonstrate the style of case presentation and the type of reasoning expected in the Fellowship Examination. It should not be taken as a reflection of the specific content, scope, or level of difficulty of the actual examination.

Case Scenario

14 year-old male patient

Candidates may be provided with the following supplementary records for interpretation:

- *DICOM datasets viewable in Anatomage Invivo*
- *Images in PowerPoint*
- *Videos playable with VLC*

Question: Identify the diagnostic imaging modality(ies) and the anatomic area imaged.

Proficient response demonstrates:

- Correct identification of imaging modality(ies) and area depicted.
- Description of correct imaging sequence/window/protocol, if applicable.

Question: Describe the pertinent radiologic observations.

Proficient response:

- Describes all findings that are pertinent to the region of interest.
- Identifies only clinically significant incidental findings.
- Describes anatomic variants only if they alter interpretation or affect management.
- Applies standard radiology lexicon and objective descriptors.

Question: Interpret the findings and provide either a definitive interpretation (when supported) or a prioritized differential interpretation. For the definitive or most-likely interpretation, state the underlying histopathology and/or etiology, as appropriate.

Proficient response demonstrates:

- Correct interpretation of imaging findings to establish a definitive/differential interpretation.
- Justifications when appropriate.
- Explanation of histopathology and/or etiology for the definitive or most-likely interpretation (if known).

Question: Identify the appropriate management for this case.

Proficient response demonstrates:

- Explanation of management that is appropriate to the findings and interpretation.
- Prognosis, when appropriate, based on imaging-supported factors.
- Recommendations for additional diagnostic investigations, diagnostic tests, and patient management steps, when appropriate.