## Instructions for OSCE Question Development

Review the question templates and develop a question with a case that fits. Case material (pictures, radiographs, etc) can only be used if you have permission to use the material. Case material used on this web sight must not be material submitted to the NDEB or any other testing organization.

The Question \& Answer templates cannot be modified in any way. Cases must fit a template. As shown in the examples below, some case material may fit more than one of the templates and therefore can be used more than once.

Images must be high quality tiff files with a height of 500 pixels. The images must be submitted as separate files and not only embedded in a Word document (as illustrated in the examples below).

Each question should be developed by 3 (or 4) content experts independently. One of the content experts needs to take responsibility for acquiring consensus on the answer key. If there is more than one answer to a question, the value of each correct answer must be determined by the content experts. All individual scoring, consensus scoring, values and names of the content experts must be included on the templates.

Questions having multiple correct answers should have no more than 4 correct answers.
Individual contributors and Institutions will be credited.
If content experts can't agree on any particular answer, the answer could be scored as a " 0 ".
By providing case material and questions to this site, you are providing open access to the material and will be accessible by all students and faculty members who use this web site.

Any questions submitted in French must also include an English translation (case history, brief synopsis, etc.) as appropriate.

## Some examples are attached.

## STATION S1 - MORNING SESSION

Using the case history and the print of the radiograph labelled BC02A1, answer the following question on the answer score sheet.

## Patient Information:

Age: 48 years old
Gender: M
Height: 180cm ( $5^{\prime} 11$ " ft/ins)
Weight: 59.7 kg ( 132 lbs )

## Chief Complaint:

History of Chief Complaint:
Dental History:

## Medical History:

Significant Findings: Current Medication: Allergies:

Social/Family History:
Significant Findings:

## Clinical Examination:

Significant Findings: Extraoral:
Intraoral:

NSF

## Pt. History Arnold Adams

Blood Pressure: $123 / 74 \mathrm{mmHg}$
Pulse Rate: 90 bpm
Respiration Rate: 14/min
Temperature: $37^{0} \mathrm{C}\left(98.6{ }^{\circ} \mathrm{F}\right)$

None; new patient examination
N/A
Patient sees a dentist on a yearly basis

ASA daily
None

None

NSF

## STATION S1-MORNING SESSION



## Radiograph BC02A1

Question: S1Q2AM1 (Select ONE correct answer.)
Which of the following is the most likely anatomical structure/diagnosis for the radiographic entity indicated by the arrow(s)?
-1 A. Hyoid bone.
-1 B. Antral septum.
-1 C. Soft palate.
-1 D. Cervical spine.
-1 E. Inferior concha.
-1 F. Tongue.
+1 G. Enostosis/dense bone island/osteosclerosis.
-1 H. Supernumerary tooth.
-1 I. Calcified lymph nodes.
-1 J. Calcified stylohyoid ligament.
-1 K. Maxillary retention cyst/antral pseudocyst.
-1 L. Foreign body.
-1 M. Fibro-osseous lesion.
-1 N. Sclerosing osteitis.
-1 O. Malignancy.


## STATION S3-MORNING SESSION

Using the case history and the print of the radiograph labelled BC02A1, answer the following question on the answer score sheet.

## Patient Information:

Age: 48 years old
Gender: M
Height: 180cm ( 5 '11" ft/ins)
Weight: $59.7 \mathrm{~kg}(132 \mathrm{lbs})$

Chief Complaint:
History of Chief Complaint:
Dental History:

## Medical History:

Significant Findings: Current Medication: Allergies:

Social/Family History:
Significant Findings:

## Clinical Examination:

Significant Findings:
Extraoral:
Intraoral:
NSF
NSF

## STATION S3-MORNING SESSION



## Radiograph BC02A1

Question: S3Q6AM1 (Select ONE correct answer.)
Which of the following is the most likely anatomical structure/diagnosis for the radiographic entity indicated by the arrow(s)?
-1 A. Nose.
-1 B. Nasal septum.
-1 C. Hamular process.
-1 D. Coronoid process.
-1 E. Zygomatic arch.
-1 F. Mylohyoid ridge.
-1 G. External oblique ridge.
-1 H. Torus.
-1 I. Retained root.
-1 J. Sclerosing osteitis.
+1 K. Enostosis/dense bone island/osteosclerosis.
-1 L. Periapical cemento-osseous dysplasia.
-1 M. Fibrous dysplasia.
-1 N. Maxillary sinus retention cyst/antral pseudocyst.
-1 O. Malignancy.

| Content Expert \#1 | Content Expert \#2 | Content Expert | Content Expert | Cons | nsus <br> ghorn |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A. <br> B. <br> C. <br> D. <br> E. <br> F. <br> G. <br> H. <br> I. <br> J. <br> K. <br> L. <br> M. <br> N . <br> O. | A.B.C.D.D.E.F.G.H.I.J.K.L.M.IN.O. | -1 | A. |
| B. | B. |  |  | -1 | B. |
| C. | C. |  |  | -1 | C. |
| D. | D. |  |  | -1 | D. |
| E. | E. |  |  | -1 | E. |
| F. | F. |  |  | -1 | F. |
| G. | G. |  |  | -1 | G. |
| Possible H . | H. |  |  | -1 | H. |
| I. | I. |  |  | -1 | I. |
| Possible J. | X |  |  | -1 | J. |
| X K. | X K. |  |  | +1 | K. |
| Possible L. | Possible L. |  |  | -1 | L. |
| M. | M. |  |  | -1 | M. |
| $\mathrm{N} .$ | N. |  |  | -1 | N. |
| Possible O . | O. |  |  | -1 | O. |

$\qquad$ BC03 $\qquad$ , answer the following question on the answer score sheet.


## Radiograph BC03

Question: S4Q8PM1 (Select ONE OR MORE correct answers.)
Which of the following may complicate the extraction of tooth $\underline{1.4}$ ?
-1 A. Hypercementosis.
0 B. Root morphology.
-1 C. Ankylosis.
+.34 D. Extensive caries.
+. 33 E. Proximity to adjacent tooth/teeth.
-1 F. Increased bone density.
+. 33 G. Impacted tooth.
-1 H. Isolated tooth.
-1 I. Extensive restoration.
-1 J. Endodontically treated tooth.
-1 K. Atrophic mandible/maxilla.
-1 L. Proximity to mandibular canal.
-1 M. Proximity to maxillary sinus.
-1 N. Associated pathological lesion.

| Content Expert \#1 | Content Expert \#2 | Content Expert \#3 | Content Expert \#4 | Conse <br> B. Cle |
| :---: | :---: | :---: | :---: | :---: |
| A. | A. | A. | A. | -1 |
| X B. | B. | B. | B. | 0 |
| C. | C. | C. | C. | -1 |
| X D. | X D. | X D. | D. | +. 34 |
| X E. | E. | X E. | E. | +. 33 |
| F. | F. | F. | F. | -1 |
| X G. | G. | X G. | G. | +. 33 |
| H. | H. | H. | H. | -1 |
| I. | I. | I. | I. | -1 |
| J. | J. | J. | J. | -1 |
| K. | K. | K. | K. | -1 |
| L. | L. | L. | L. | -1 |
| M. | M. | M. | M. | -1 |
| N. | N. | N . | N . | -1 |
| O. | O. | O. | $\square \mathrm{O}$. |  |

## STATION S13-AFTERNOON SESSION

Using the print of radiograph __BC05 $\qquad$ answer the following question on the answer score sheet.


## Radiograph BC05

Question: S13Q25PM1 (Select ONE OR MORE correct answers.)
There is radiographic evidence of calculus on the
-1 A. distal of tooth 2.3.
-1 B. mesial of tooth 2.4 .
-1 C. distal of tooth 2.4.
-1 D. mesial of tooth 2.5 .
-1 E. distal of tooth 2.5.
-1 F. mesial of tooth 2.6 .
+.5 G. distal of tooth 2.6.
+.5 H . mesial of tooth 2.7 .
0 I. distal of tooth 2.7.
-1 J. mesial of tooth 2.8 .
-1 K. distal of tooth 2.8.

| Content Expert \#1 | Content Expert \#2 | Content Expert \#3 | Content Expert | Cons <br> B. Cl |
| :---: | :---: | :---: | :---: | :---: |
| A. | A. | A. | A. | -1 |
| B. | B. | B. | B. | -1 |
| C. | C. | C. | C. | -1 |
| D. | D. | D. | D. | -1 |
| E. | E. | E. | E. | -1 |
| F. | F. | F. | F. | -1 |
| G. | G. | X G. | G. | +. 5 |
| H. | X H. | X H. | H. | +. 5 |
| I. | I. | Possible I. | I. | 0 |
| J. | J. | J. | J. | -1 |
| K. | K. | K. | K. | -1 |
| L. | L. | L. | L. | -1 |
| M. | M. | M. | M. | -1 |
| N. | N. | N. | N. | -1 |
| O . | O. | O. | 0 . | -1 |

## STATION S13-AFTERNOON SESSION

Using the print of radiograph $\qquad$ BC05 $\qquad$ answer the following question on the answer score sheet.


## Radiograph BC05

Question: S13Q25PM2 (Select ONE OR MORE correct answers.)
There is radiographic evidence of calculus on the
-1 A. distal of tooth 3.3.
-1 B. mesial of tooth 3.4.
+.25 C. distal of tooth 3.4.
-1 D. mesial of tooth 3.5.
-1 E. distal of tooth 3.5.
$\mathbf{- 1} \mathrm{F}$. mesial of tooth 3.6.
-1 G. distal of tooth 3.6.
+.25 H . mesial of tooth 3.7.
+.25 I. distal of tooth 3.7.
0 J . mesial of tooth 3.8.
+.25 K. distal of tooth 3.8.

| Content Expert \#1 | Content Expert \#2 | Content Expert \#3 | Content Expert | Conse <br> B. Cleg |
| :---: | :---: | :---: | :---: | :---: |
| A. | A. | A. | A. | -1 |
| B. | B. | B. | B. | -1 |
| X C. | X C. | X C. | $\square \mathrm{C}$. | +. 25 |
| D. | D. | D. | D. | -1 |
| E. | E. | E. | $\square \mathrm{E}$. | -1 |
| F. | F. | F. | F. | -1 |
| G. | G. | G. | G. | -1 |
| X H. | X H. | X H. | H. | +. 25 |
| X I. | I. | X I. | I. | +. 25 |
| J. | J. | Possible J . | J. | 0 |
| X K. | X K. | X K. | K. | +. 25 |
| L. | L. | L. | L. |  |
| M. | M. | M. | $\square \mathrm{M}$. |  |
| N. | N. | N. | N. |  |
| O. | O. | O. | $\square \mathrm{O}$. |  |

## STATION S14-AFTERNOON SESSION

Using the print of radiograph $B C 1$, answer the following question on the answer score sheet.


## Radiograph BC1

Question: S14Q27PM1 (Select ONE OR MORE correct answers.)
Which of the following is/are evident on the print of the radiograph?
-1 A. Ectopic eruption.
-1 B. Impacted tooth/teeth.
-1 C. Gemination.
-1 D. Fusion.
+.5 E. Space loss.
-1 F. Dens invaginatus/dens-in-dente.
-1 G. Dens evaginatus.
-1 H. Arrested root development.
-1 I. Dilaceration.
0 J. Congenital absence of permanent tooth/teeth.
-1 K. Ankylosis/submerged tooth/teeth.
-1 L. Retained root(s).
+.5 M. Foreign body.
-1 N. Supernumerary tooth/teeth.
-1 O. Dentigerous cyst.

| Content Expert \#1 | Content Expert \#2 | Content Expert \#3 | Content Expert | Consensus <br> B. Cleghorn |
| :---: | :---: | :---: | :---: | :---: |
| A. | A. | A. | A. | -1 A. |
| B. | B. | B. | B. | -1 B. |
| C. | C. | C. | C. | -1 C. |
| D. | D. | D. | D. | -1 D. |
| X E. | X E. | X E. | E. | +. 5 E. |
| F. | F. | F. | F. | -1 F. |
| G. | G. | G. | G. | -1 G. |
| H. | H. | H. | H. | -1 H . |
| I. | I. | I. | I. | -1 I . |
| Possible J. | J. | J. | J. | 0 J. |
| K. | K. | K. | K. | -1 K. |
| L. | L. | L. | L. | -1 L. |
| X M. | X M. | X M. | M. | +. 5 M. |
| N . | N. | N . | N . | -1 N . |
| O. | O. | O. | $\bigcirc \mathrm{O}$. | -1 O . |

## STATION S14-AFTERNOON SESSION

Using the print of radiograph _BC03_, answer the following question on the answer score sheet.


## Radiograph BC03

Question: S14Q27PM2 (Select ONE OR MORE correct answers.)
Which of the following is/are evident on the print of the radiograph?
0 A. Ectopic eruption.
+.5 B. Impacted tooth/teeth.
-1 C. Gemination.
-1 D. Fusion.
+. 5 E. Space loss.
-1 F. Dens invaginatus/dens-in-dente.
-1 G. Dens evaginatus.
-1 H. Arrested root development.
-1 I. Dilaceration.
-1 J. Congenital absence of permanent tooth/teeth.
-1 K. Ankylosis/submerged tooth/teeth.
-1 L. Retained root(s).
-1 M. Foreign body.
-1 N. Supernumerary tooth/teeth.
-1 O. Dentigerous cyst.

| Content Expert \#1 | Content Expert \#2 | Content Expert \#3 | Content Expert \#4 | Consensus <br> B. Cleghorn |
| :---: | :---: | :---: | :---: | :---: |
| A. | A. | A. | X A. | 0 A. |
| X B. | X B. | B. | X B. | +.5 B. |
| C. | C. | C. | C. | -1 C. |
| D. | D. | D. | D. | -1 D. |
| X E. | X E. | E. | X E. | +. 5 E. |
| F. | F. | F. | F. | -1 F. |
| G. | G. | G. | G. | -1 G. |
| H. | H. | H. | H. | -1 H. |
| I. | I. | I. | I. | -1 I. |
| J. | J. | J. | J. | -1 J. |
| K. | K. | K. | Possible K. | -1 K. |
| L. | L. | L. | L. | -1 L. |
| M. | M. | M. | M. | -1 M. |
| N. | N. | N. | N. | -1 N . |
| O. | O. | O | O. | -1 0 . |

