SKULL X-RAYS -- QUESTIONS

S-1
A. ID feature and bone
B. ID feature and bone
C. ID bone
D. ID bone

S-2
A. ID space
B. ID space

S-3 Child’s skull (note double row of teeth in mandible).
A. ID feature
B. ID feature and bones

S-4 - Deleted

S-5
A. ID cavity
B. ID cavity
C. ID cavity
D. ID bone
E. ID sinus

S-6 – Look Ma! No teeth! Geriatric skull – Compare to S-3
A. ID sinus
B. ID feature & bones

S-7 – Ouch! Observe bilateral fracture of mandibular rami.
A. ID sinus
B. ID feature

S-8A&B – Different patient, same problem as S-7, but surgically repaired.
A. ID sinus
B. ID feature

S-9 This is why you don’t stand in front of a shotgun!

S-10 – These pictures of a 4-months’s skull were taken to investigate the malformation of the occipital bone. They revealed an unrelated deficit in ossification of the left parietal bone. Fortunately, this child was just “slow” (remember Rule #2?) ossifying and all problems corrected themselves as she matured.

A. Frontal view
1. ID feature
2. ID feature

B. Left lateral view
1. ID feature
2. ID feature
3. Note “absence” of squamosal suture: it’s formed properly and therefore not visible.

C. Superior view
1. ID feature
2. Note numerous “holes” in R. parietal bone where ossification is behind schedule.

D. Inferior view
Note incomplete ossification of nasal septum and hard palate. This is normal at this age.

S-11. ADULT CAT Scan
1. ID feature
2. ID feature
3. ID space
4. ID bone
SKULL X-RAYS – ANSWERS

S-1
A. condylar process of mandible
B. ramus of mandible
C. occipital bone
D. hyoid bone

S-2
A. frontal sinus
B. maxillary sinus

S-3
A. orbit
B. nasal septum/ethmoid & vomer

S-5
A. anterior cranial fossa
B. middle cranial fossa
C. posterior cranial fossa
D. parietal
E. sphenoid sinus

S-6
A. frontal sinus
B. nasal septum/ethmoid & vomer

S-8
A. frontal sinus
B. sella turcica

S-10
A. Frontal
   1. fontanel
   2. coronal suture

B. L. lateral
   1. lambdoidal suture
   2. fontanel

C. Superior
   1. sagittal suture

S-11
1. crista galli
2. nasal septum
3. maxillary sinus
4. inferior nasal concha