

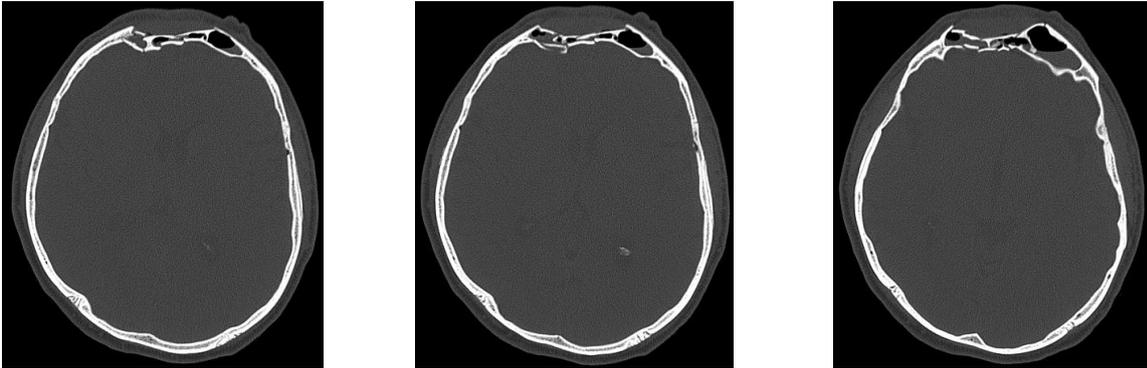
Comprehensive AOCMF Classification System

Kellman R, Cornelius CP, Prein J, Audigé L

Skull base and cranial vault fractures – Level-3 system (cases 86 to 91)

Case 86: Frontal cranial vault with right and central skull base fractures

a-

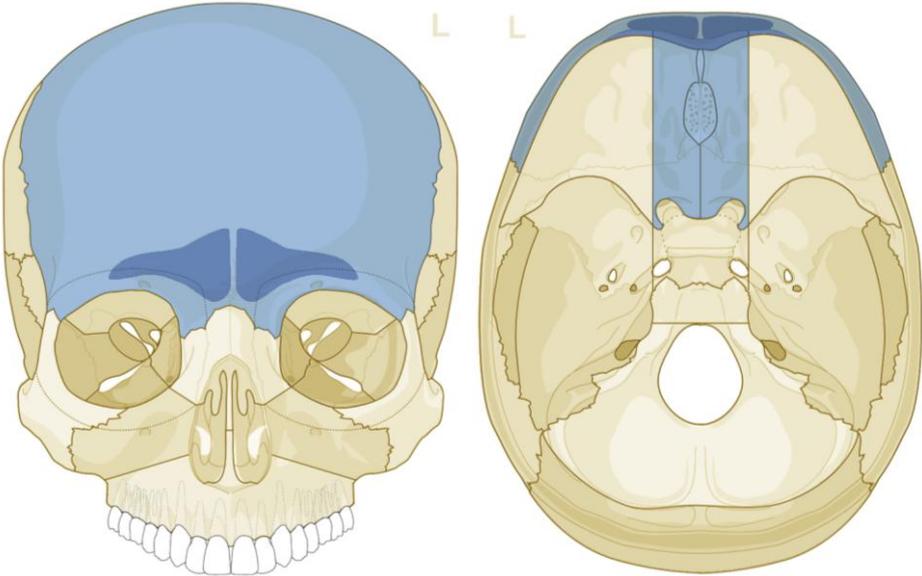


b-



Imaging: CT axial views of the frontal sinuses (a) and orbital structures (b)

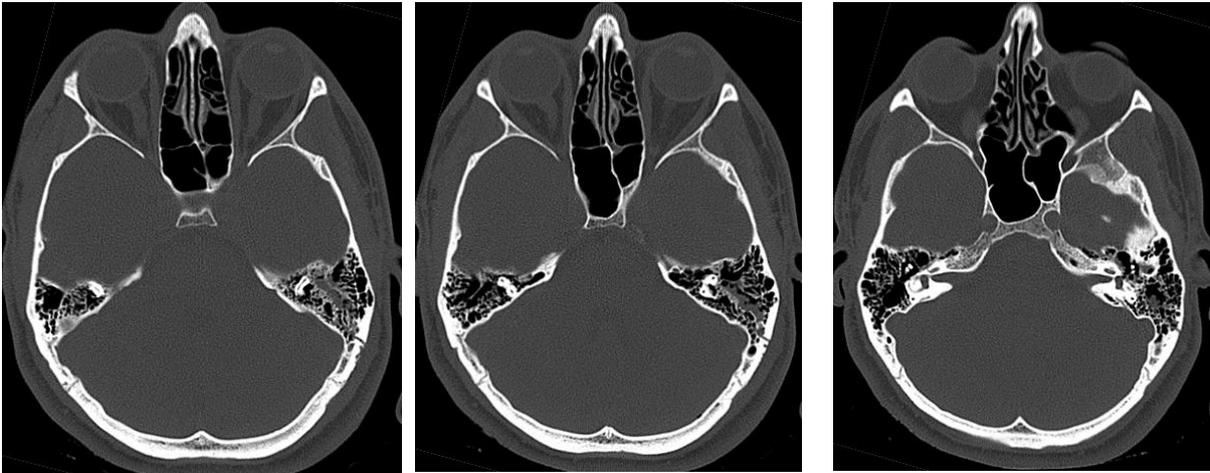
Description: Anterior and posterior wall frontal sinus fractures (a). These are frontal cranial vault fractures involving the left and central anterior fossa cranial vault. These fractures are multiple and depressed. There are also fractures of the anterior skull base (b) involving the right and central skull base, with involvement of the right ethmoid sinus and orbit.



Level 3 Code: 93 Ca – 94 F.m.F

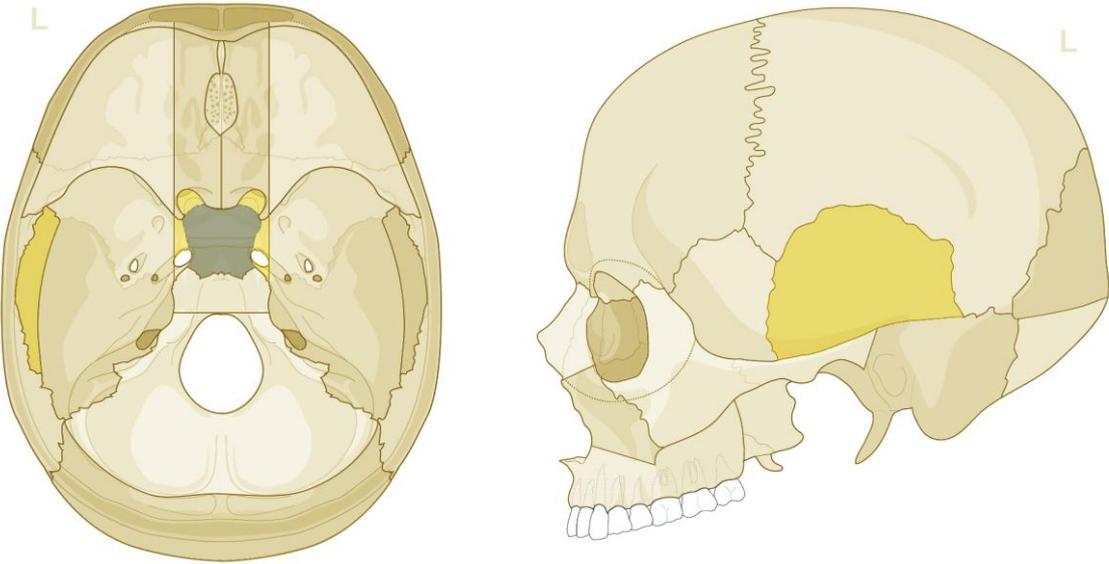
AOCOIAC case CMTR-93-94-004

Case 87: Linear fracture involving the cranial vault and middle fossa skull base



Imaging: CT views

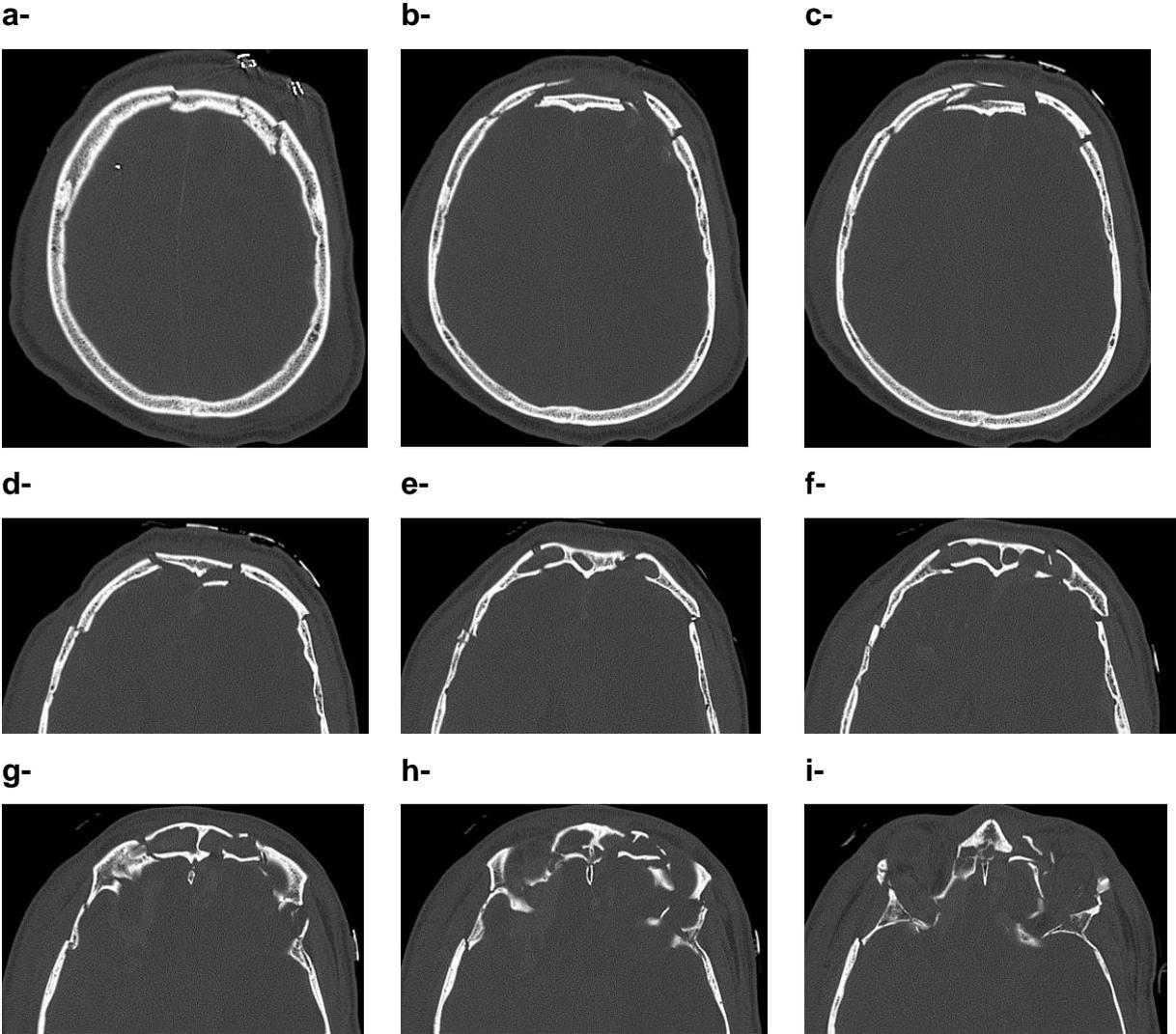
Description: These figures demonstrate a linear fracture through the left temporal bone, involving the cranial vault and middle fossa skull base. It is linear without comminution.



Level 3 Code: 93 Cm0
94 m.T0

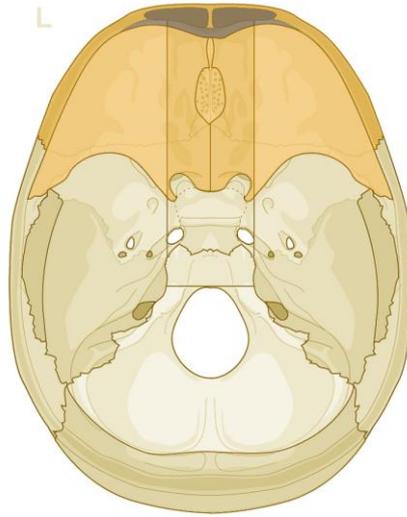
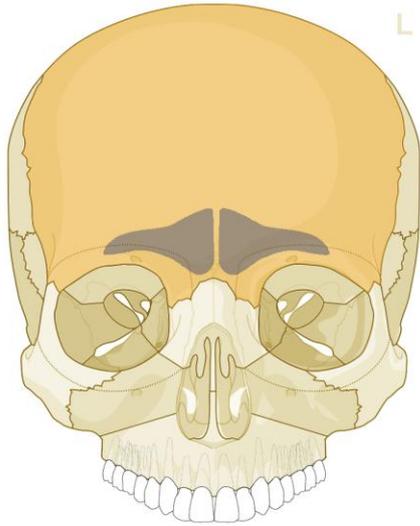
AOCOIAAC case CMTR-93-94-005

Case 88: Multiple, depressed and comminuted frontal cranial vault fractures with anterior skull base involvement



Imaging: CT views

Description: Fractures through the frontal cranial vault (a-d) involving the left, right and central anterior cranial fossa. These are multiple, depressed and comminuted. These is extention through the anterior and posterior walls of the frontal sinuses (e-g) into the anterior skull base (h-i)

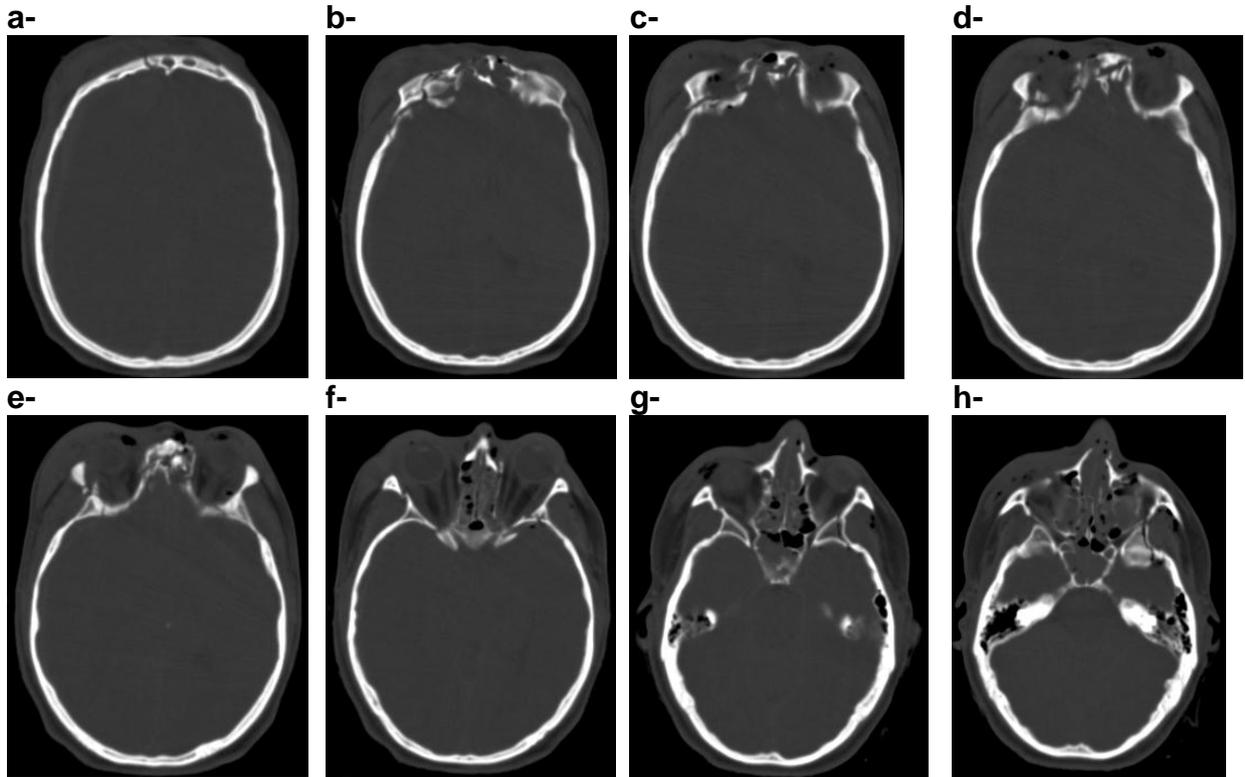


Level 3 Code: 93 A1.Ca1.A1

94 F1.m.F1

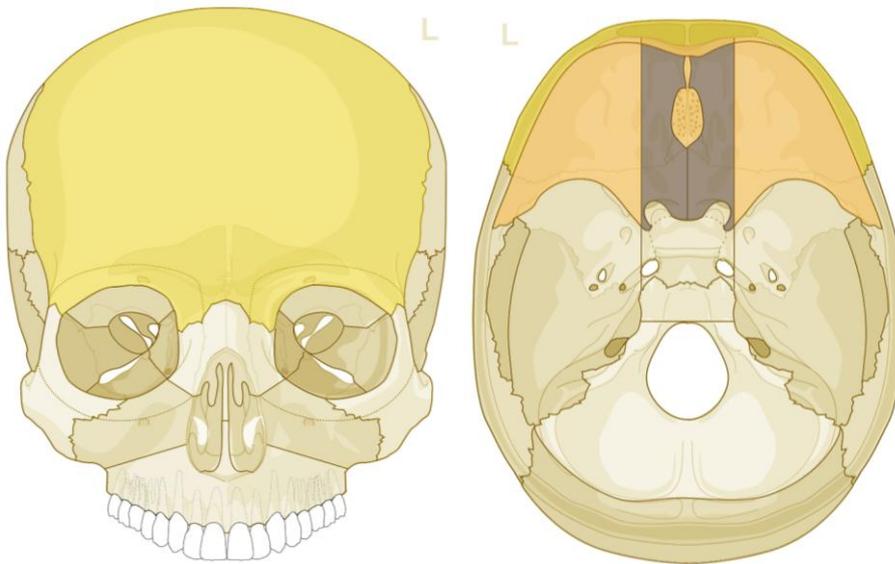
AOCOIAC case CMTR-93-94-006

Case 89: Anterior skull base fractures



Imaging: CT views

Description: Linear fractures involving the left and right frontal bones in the anterior fossa (a) with extension of these fractures inferiorly with comminution of the anterior skull base as these fractures traverse the left, right and central anterior fossa floor (b-e). There is also extension into the orbits and ethmoid sinuses bilaterally (f-h).

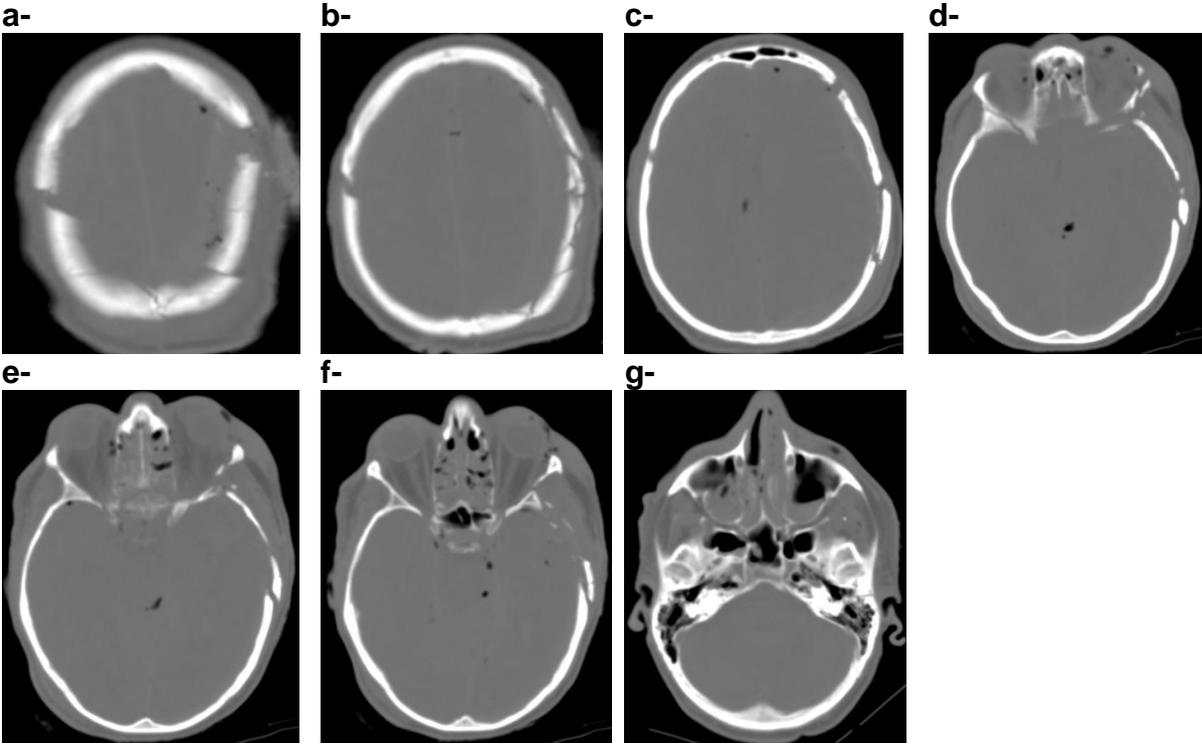


Level 3 Code: 93 A1.Ca1.A1

94 F0.m.F0

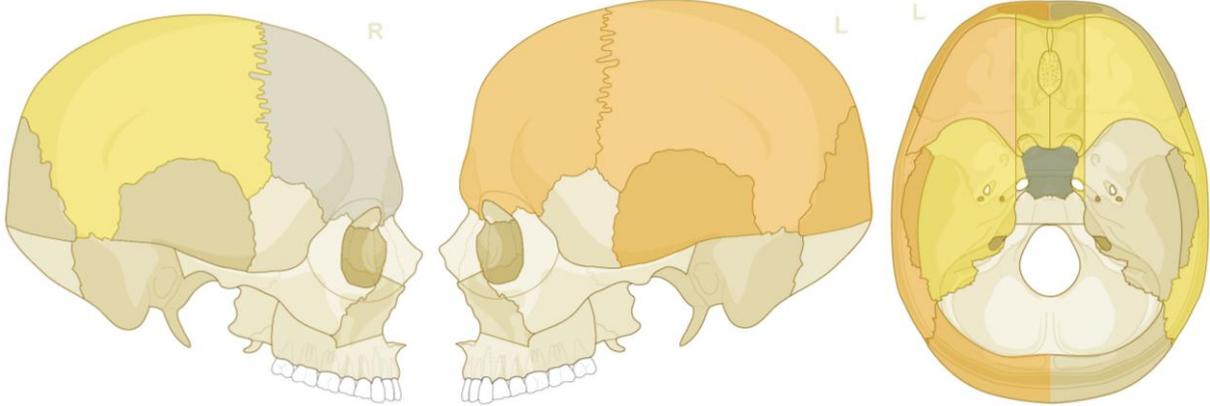
AOCOIAC case CMTR-93-94-007

Case 90: Bilateral cranial vault fractures with extension into the anterior and middle skull base



Imaging: CT views

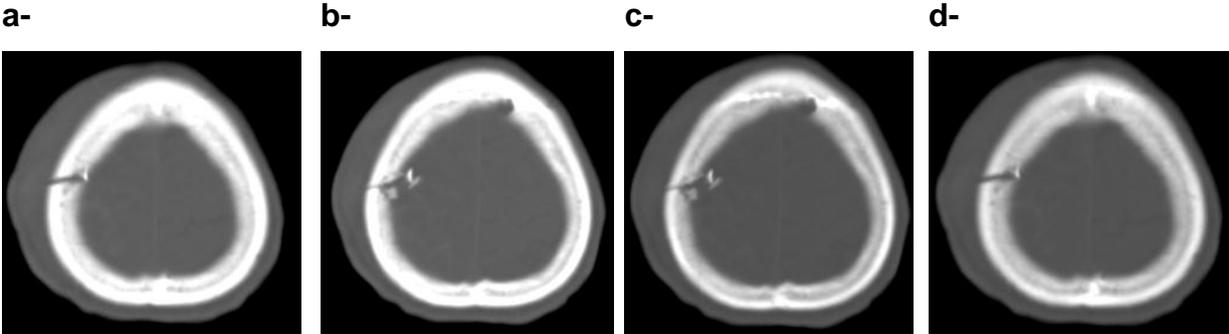
Description: Bilateral cranial vault fractures involving all the bones of the left cranial vault along with the right parietal skull (a-c). Left sided fractures are multiple and comminuted, with a depressed component. There is extension across the anterior fossa skull base bilaterally, with comminution on the left (d), extension into the clivus and sphenoid, definitely on the right and possibly on the left (e-f) and extension into the left temporal/middle fossa skull base (g)



Level 3 Code: 93 A0.Ca0.Cm0.M0.A1
94 P0.m.O1.T1.P1.F1

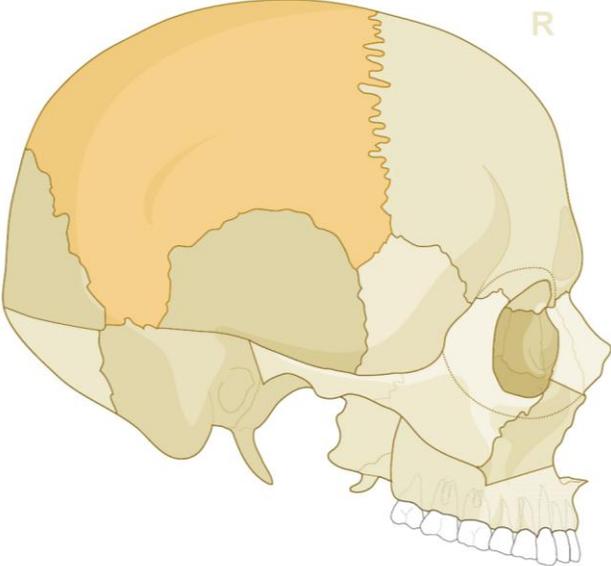
AOCOIAAC case CMTR-93-94-008

Case 91: Parietal cranial vault fracture with depression into the brain



Imaging: CT views

Description: Linear fracture of the right parietal cranial vault (a). There is evidence of fragmentation of the fracture with depression of fragments into the brain (b).



Level 3 Code: 94 P1.m
AOCOIAAC case CMTR-93-94-009