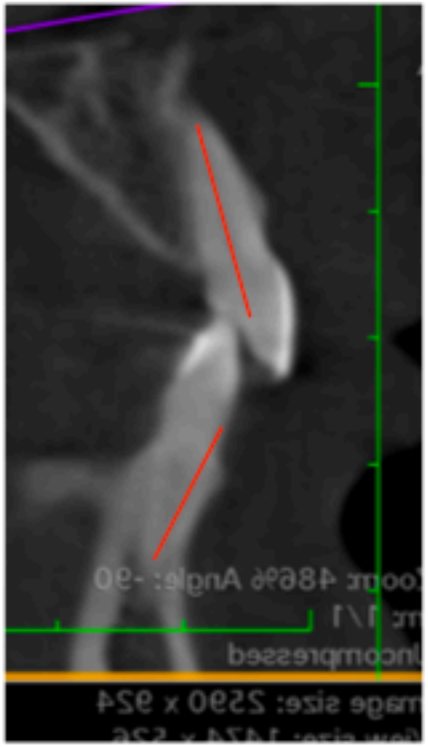
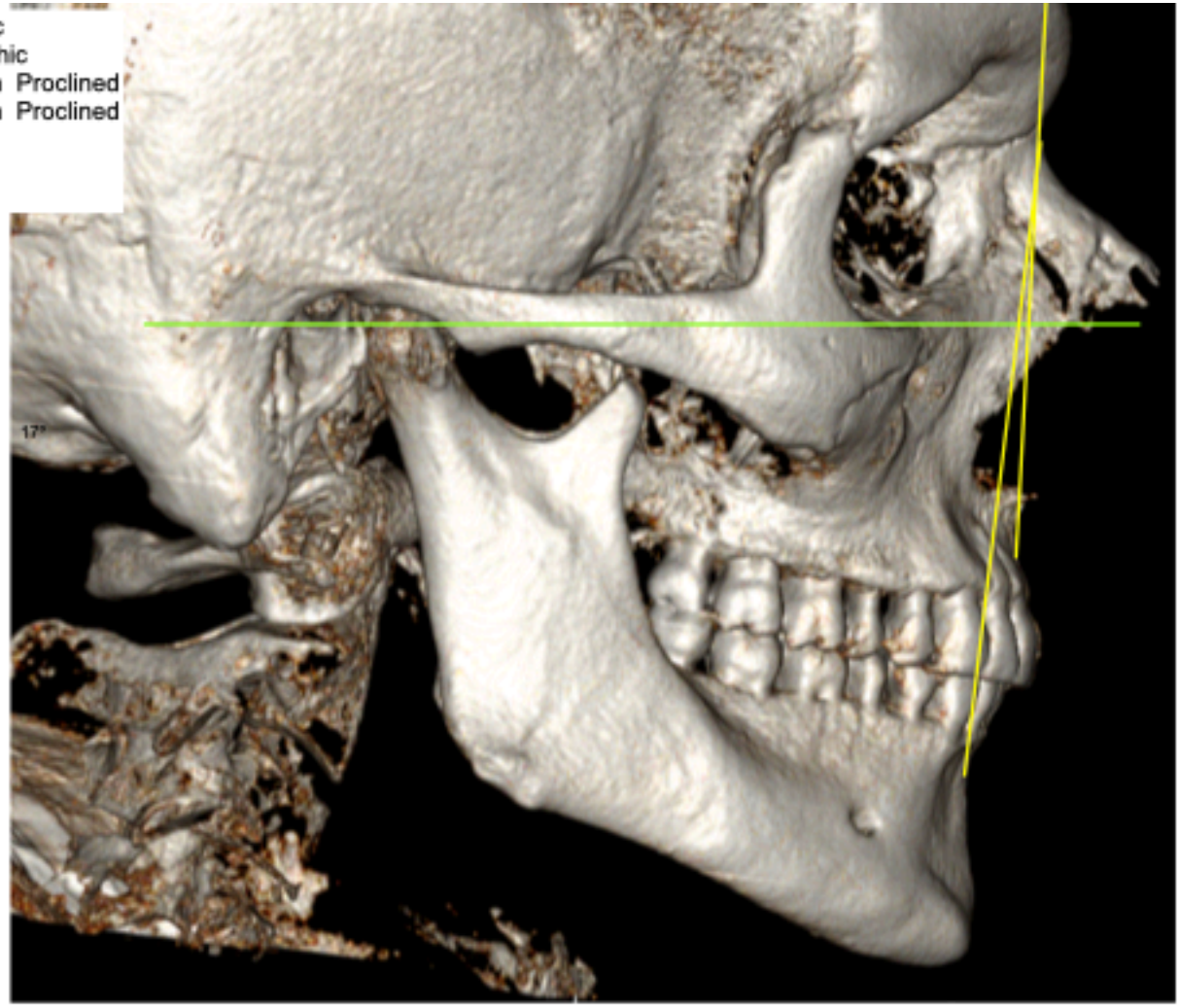
Name

Maxilla: Retrognathic Orthognathic Prognathic
Mandible: Retrognathic Orthognathic Prognathic
Upper Incisors: Retroclined Normal Inclination Proclined
Lower Incisors: Retroclined Normal Inclination Proclined
Nperp B °
Maxillary 1st molar width mm
Bone on facial of roots: Adequate

120-140°





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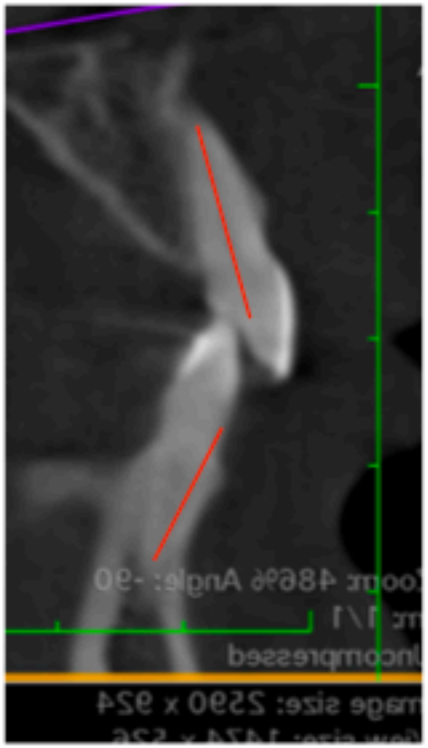

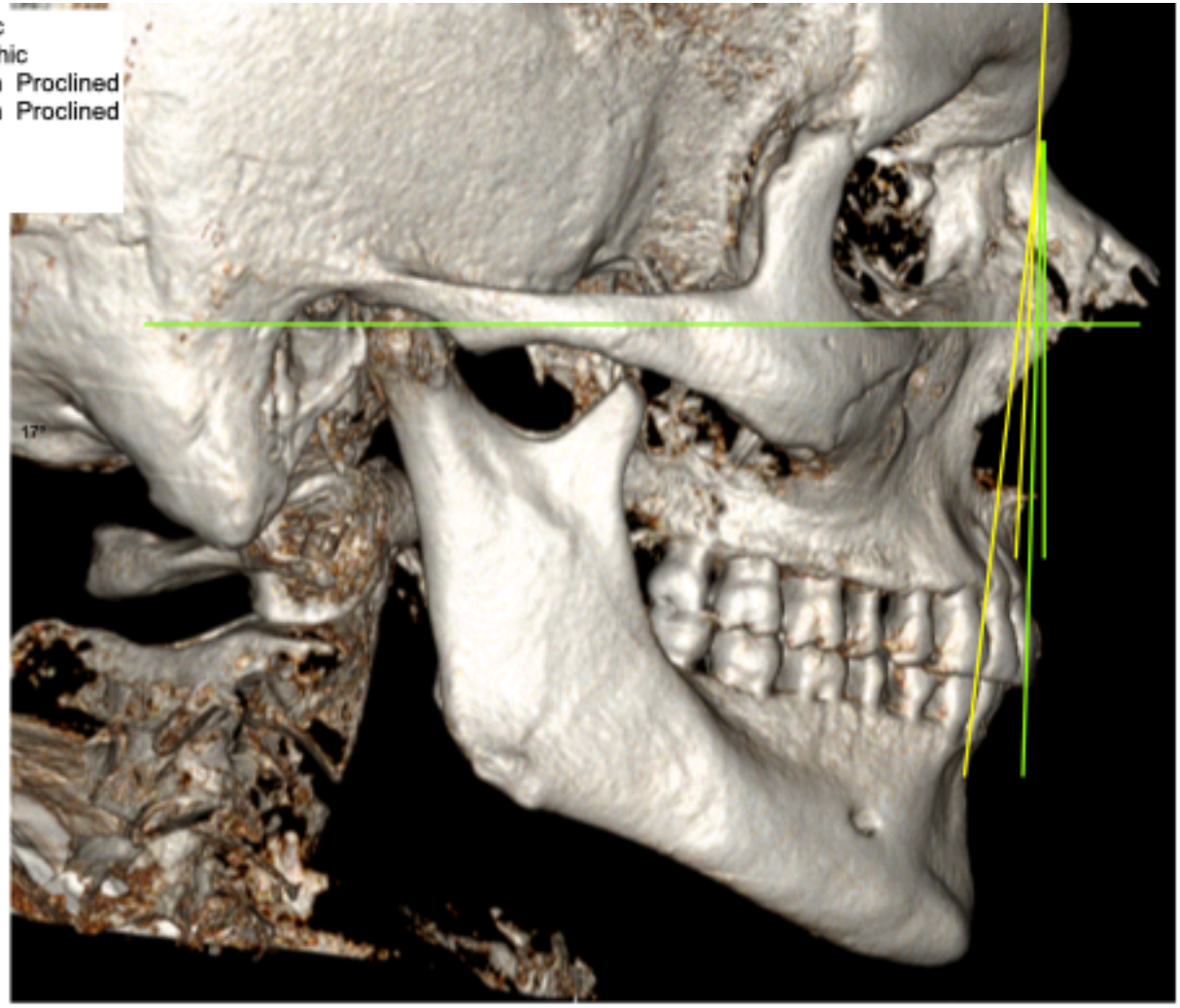

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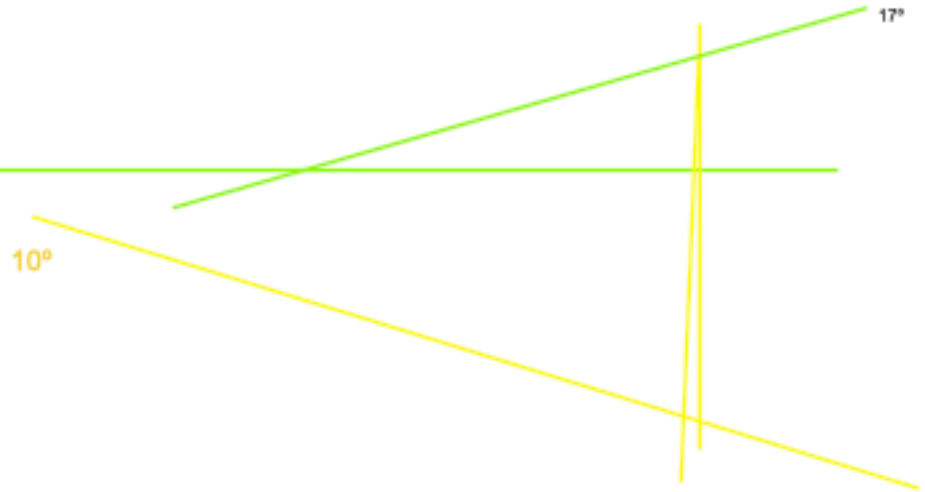
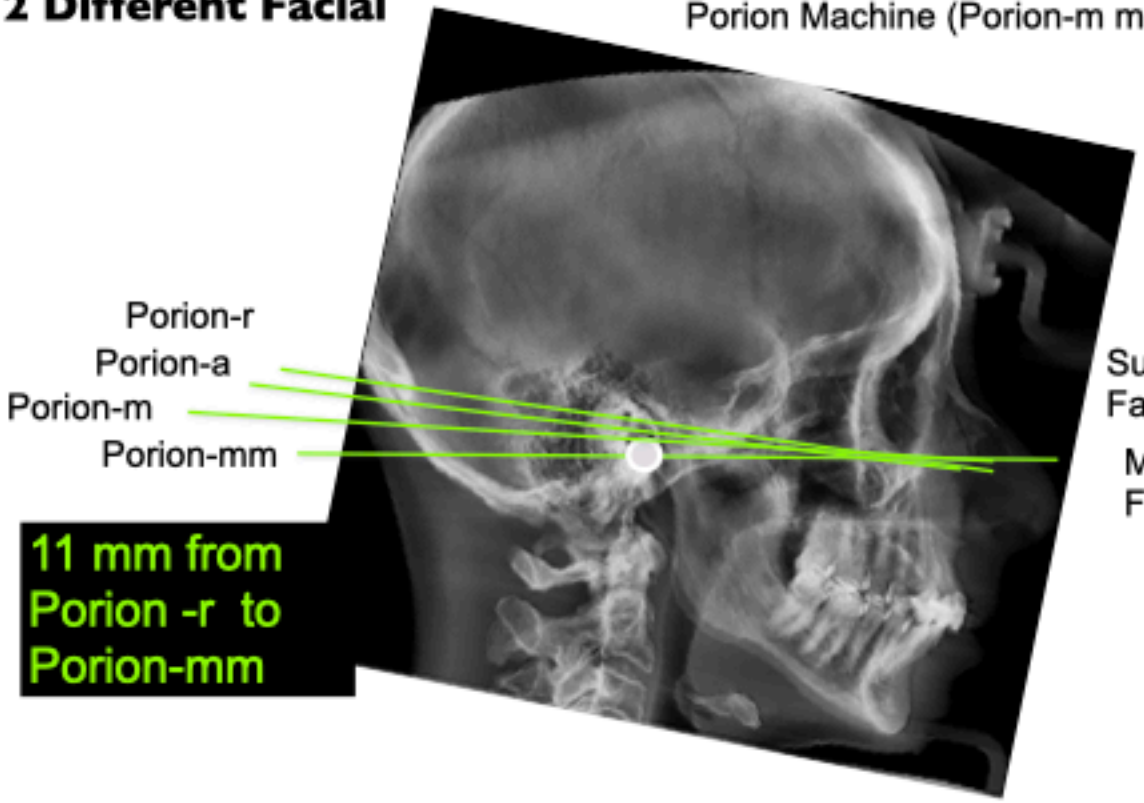


120-140°

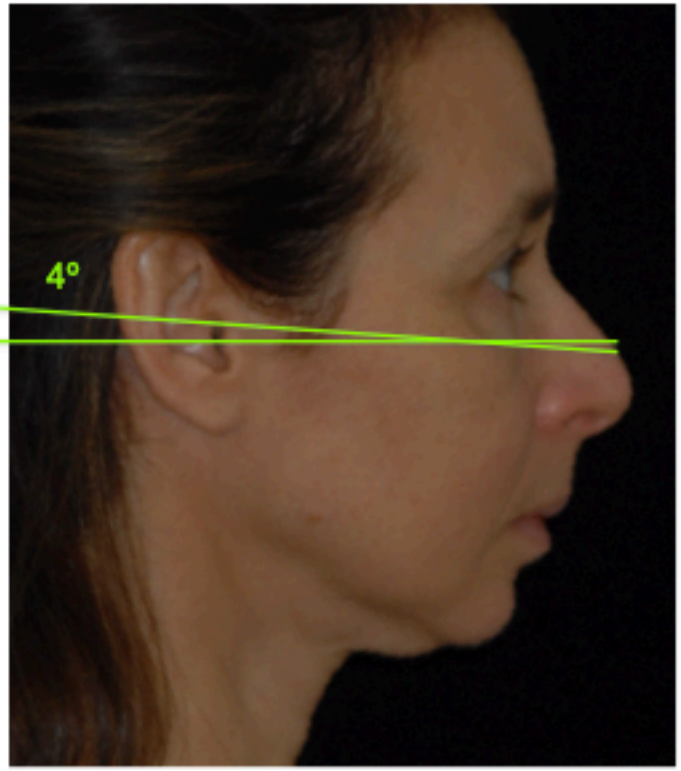
45 mm

Frankfort Horizontal (FH)
4 Different Skeletal
2 Different Facial

Porion Anatomic (Porion-a) is most superior of bony auditory meatus
Porion Radiolucency (Porion-r) is most superior of internal auditory meatus
Porion Machine (Porion-m) superior point of ear rod
Porion Machine (Porion-m mid) is mid point of ear rod on cephalometric machine



Facial Frankfort Horizontal



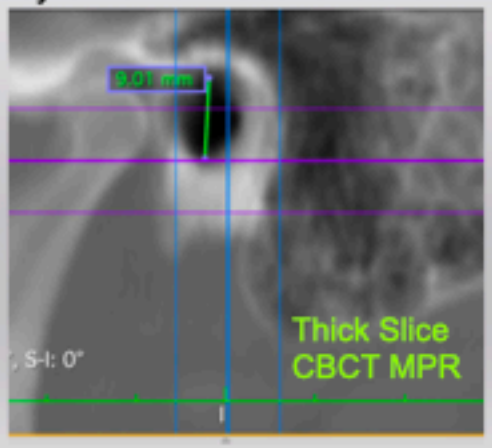
In literature need to know which Frankfort Horizontal they use

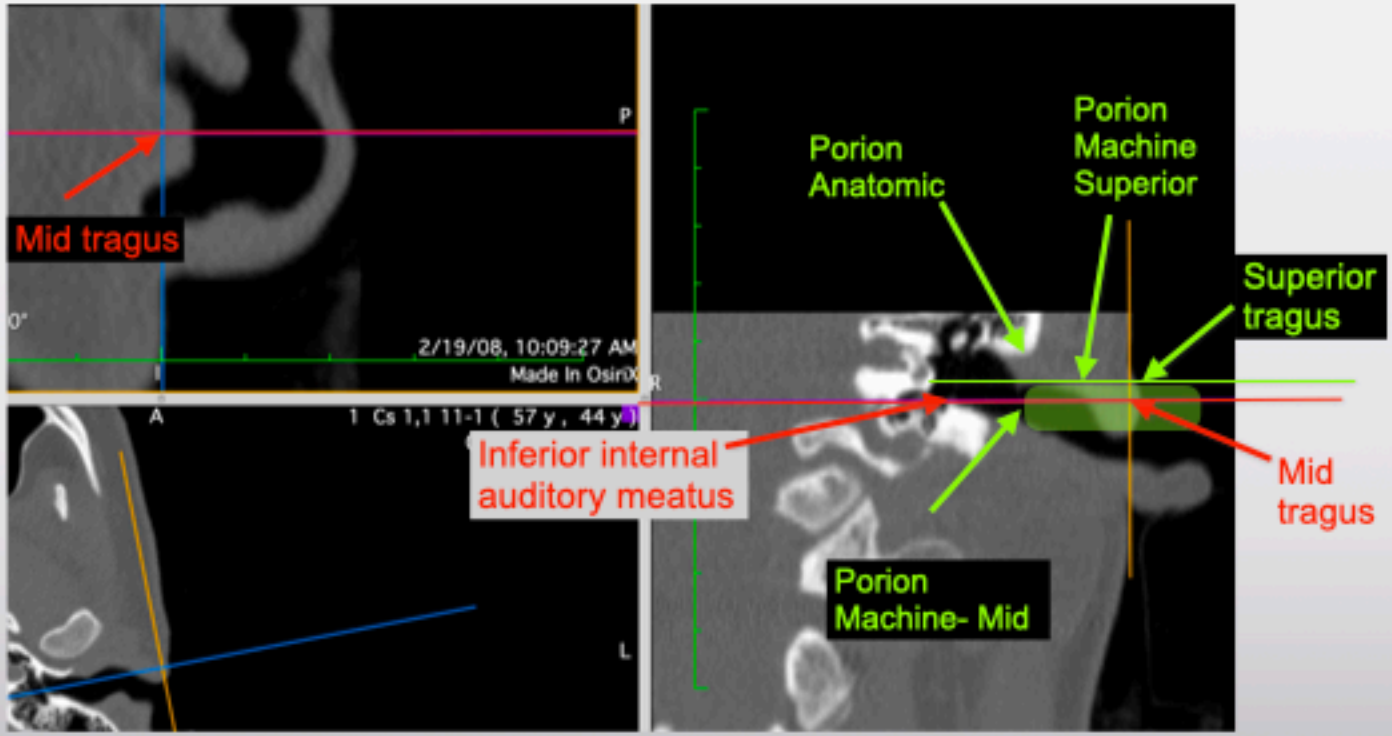
Which Porion to Choose?

There are 4 “Porions”
- Porion Anatomic on dried skull
- Porion Radiolucent
- Porion Machine- Superior
- Porion Machine- Mid

Inferior internal auditory meatus is a reference that lines up with mid Tragus

Porion anatomic is hard to see on Ceph
Easy on CBCT reconstruction





CBCT MPR

Approximate equals:
Inferior Internal Auditory Meatus = Mid Tragus = Porion Machine mid

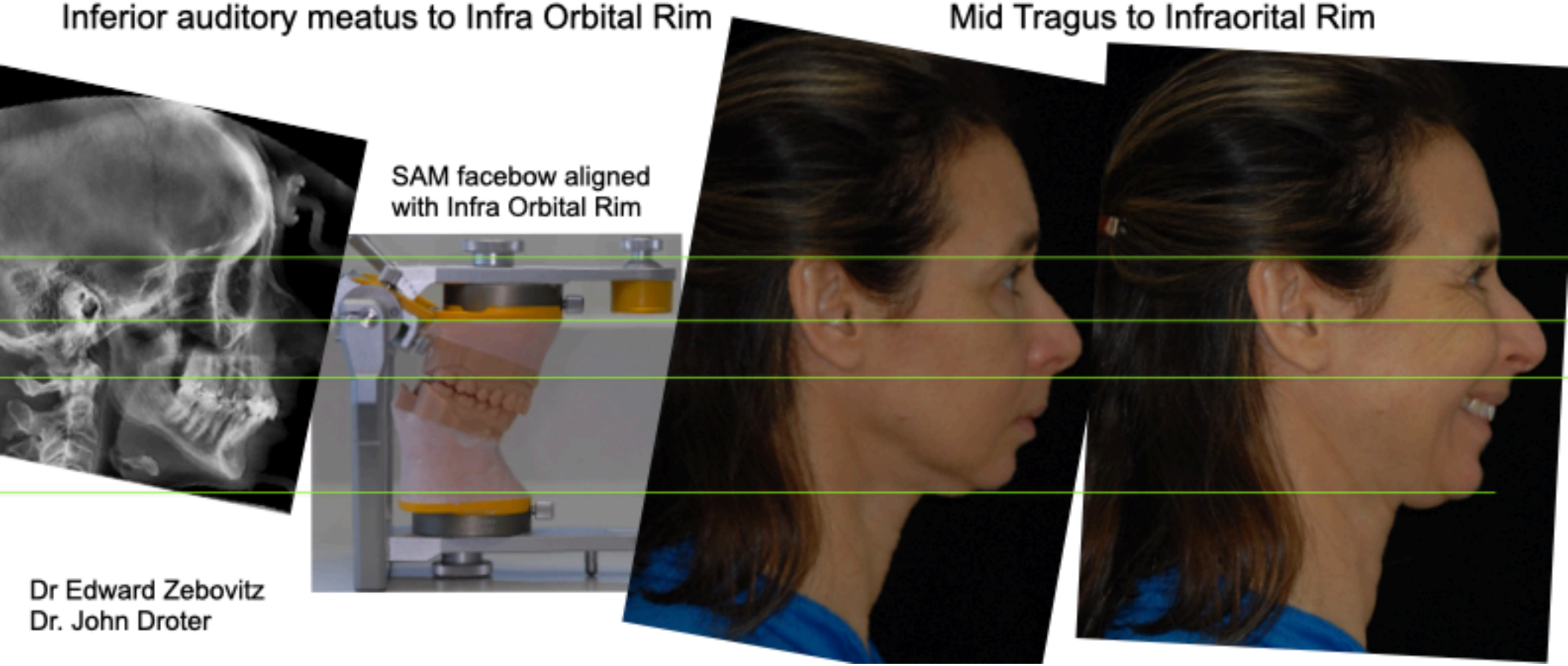
None of these are true anatomic Porion

The Annapolis Horizontal

Inferior auditory meatus to Infra Orbital Rim

SAM facebow aligned
with Infra Orbital Rim

Mid Tragus to Infraorital Rim



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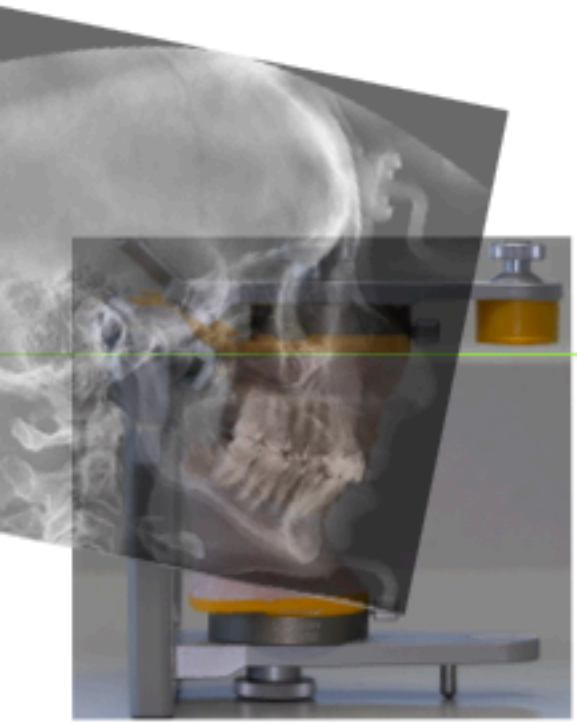
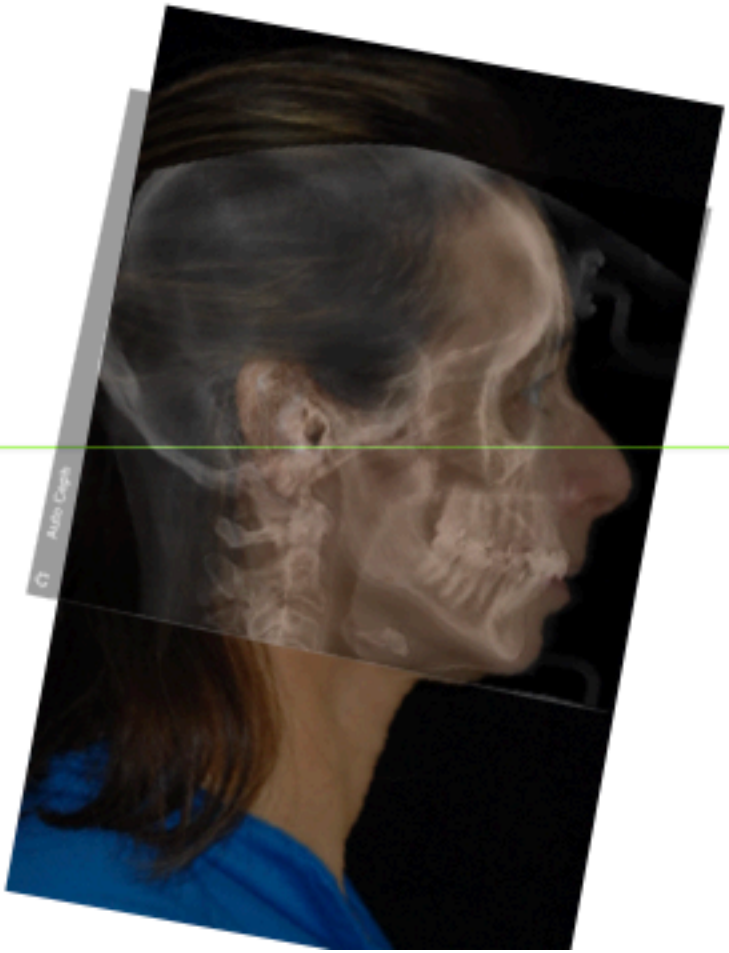
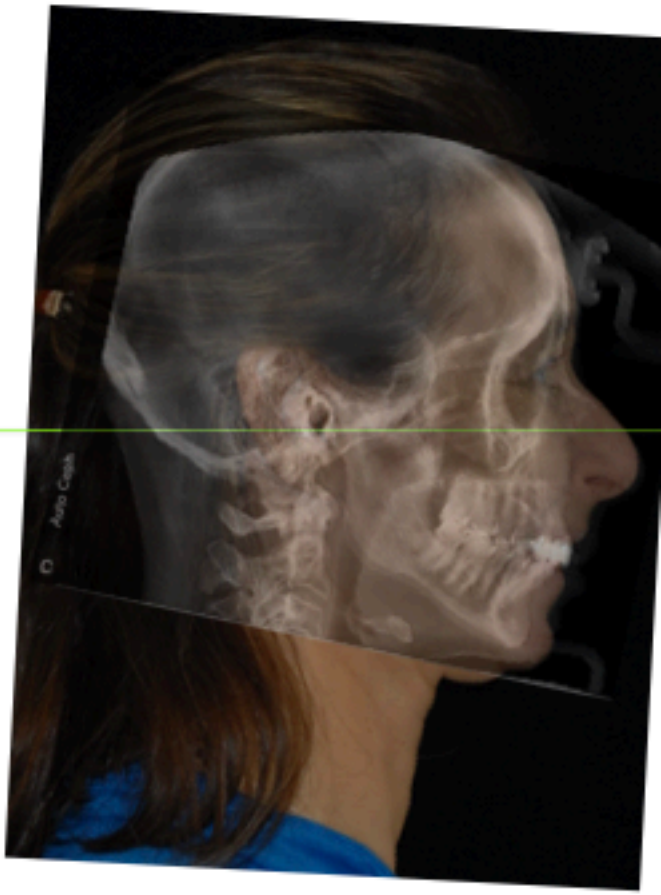
The Annapolis Horizontal







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