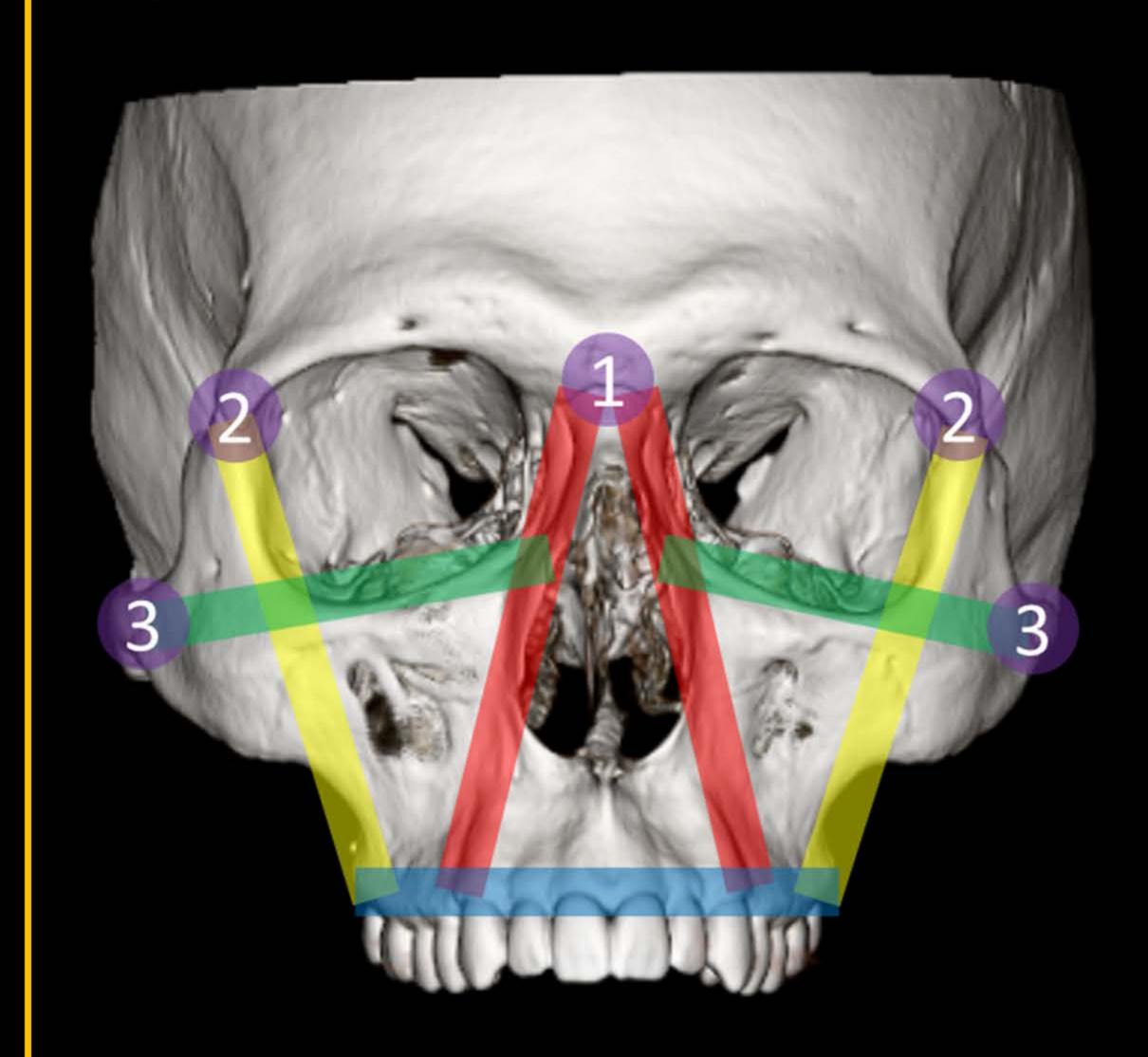
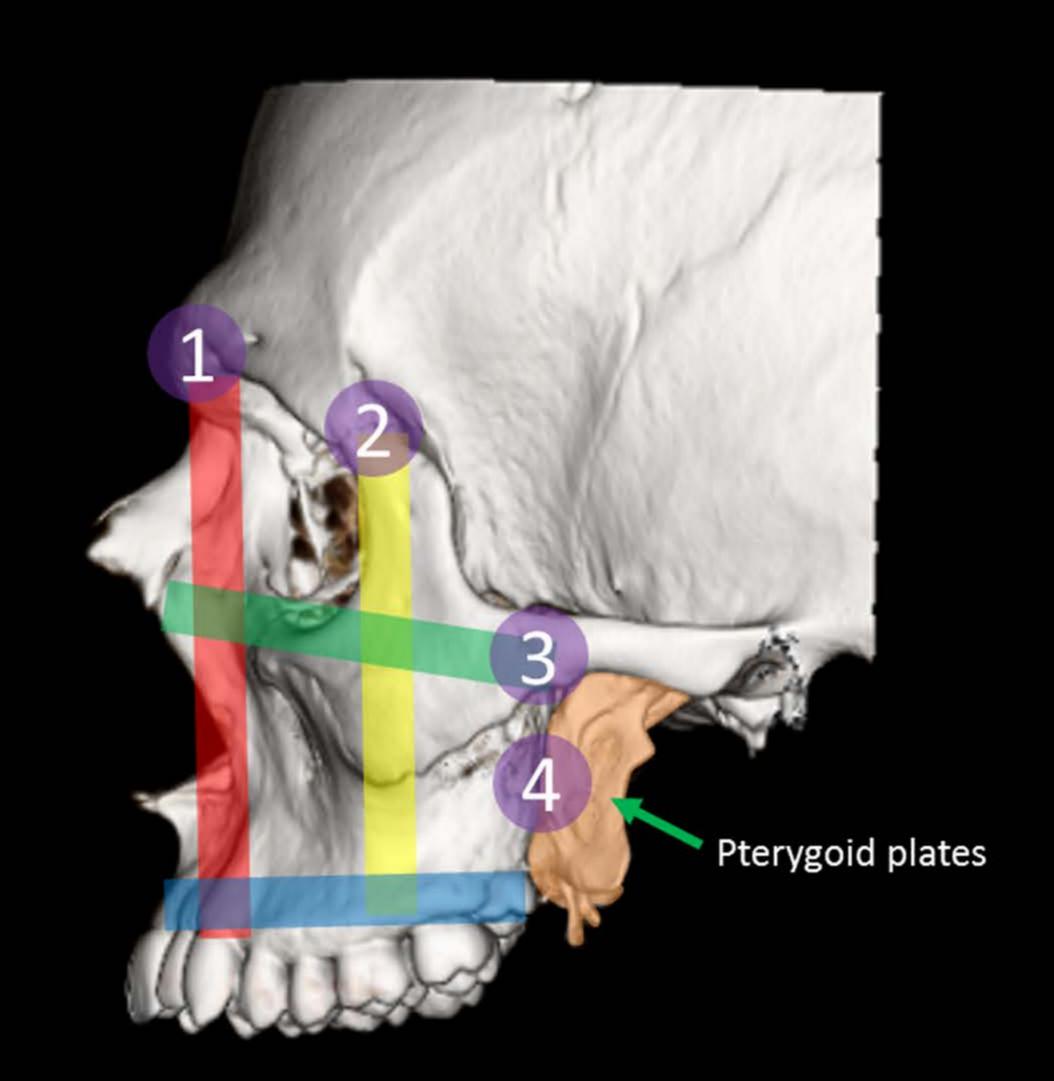
## Complex Facial Fractures

Surgeons think about the face as a system of buttresses and anchors. The approach to complex facial fractures boils down to assessing the integrity of this structural framework. Study the figure below and then work through the different patterns of complex facial fractures below and to the right, focusing on buttress and anchor disruption associated with each fracture pattern.

\*Please be aware that the surgical repairs shown here are meant to be illustrative and are not always what is done.





## Midface buttresses

- Upper transverse maxillary
- Lower transverse maxillary
- Medial maxillary
- Lateral maxillary

## Midface anchors

- 1 Nasofrontal suture
- 2 Zygomaticofrontal suture
- 3 Zygomaticotemporal suture
- 4 Pterygomaxillary/pterygopalatine

