

TMJ Replacement Surgery

Patient Education

Ravi Garg, MD, FACS

Director, Plastic and Cranio/Maxillofacial Surgery

Director, Head and Neck Microvascular Surgery

Department of Advanced Head and Neck, CMF Surgery

Scripps Mercy Hospital

Scripps Prebys Cancer Center

Total Alloplastic TMJ Replacement

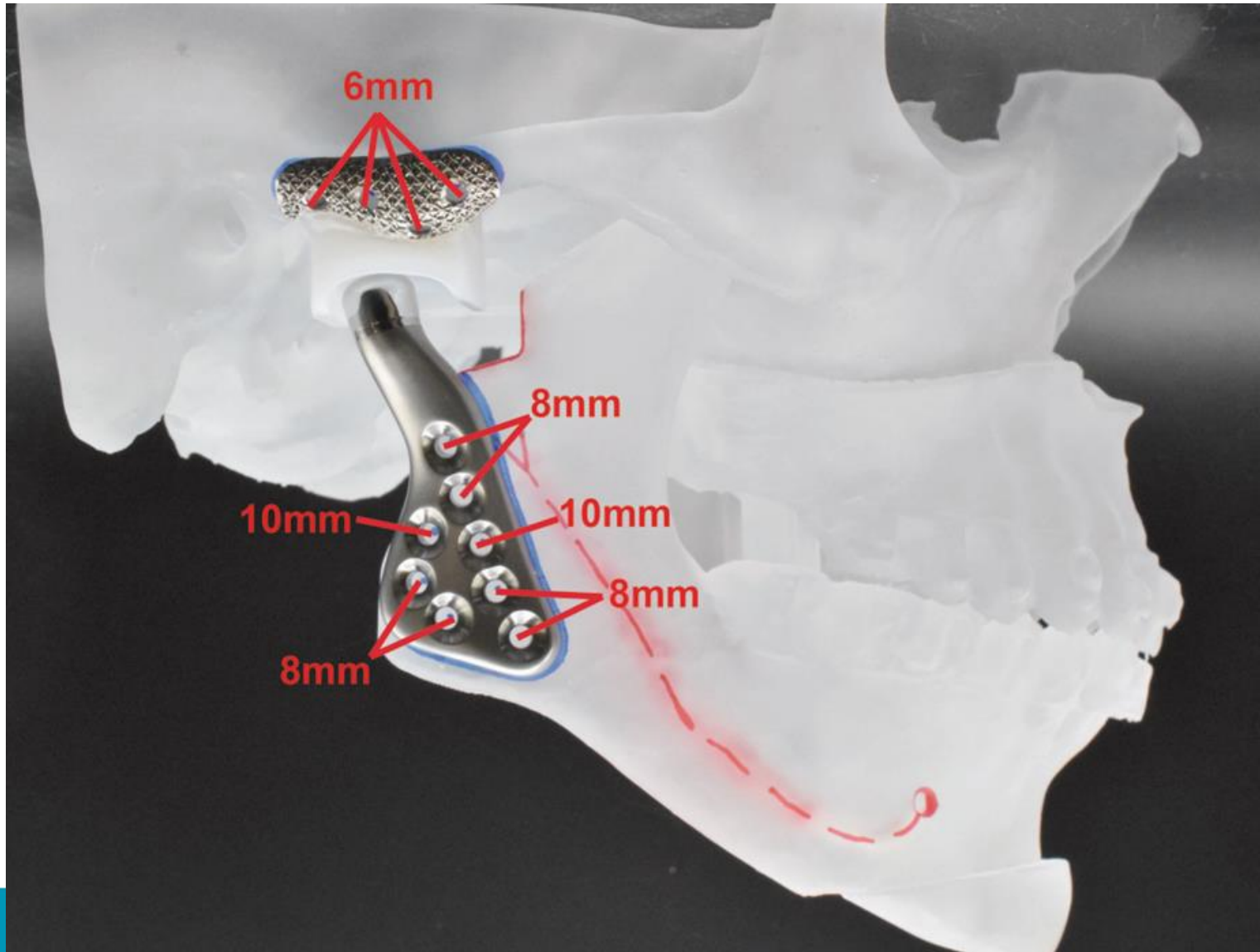
10mm

10mm

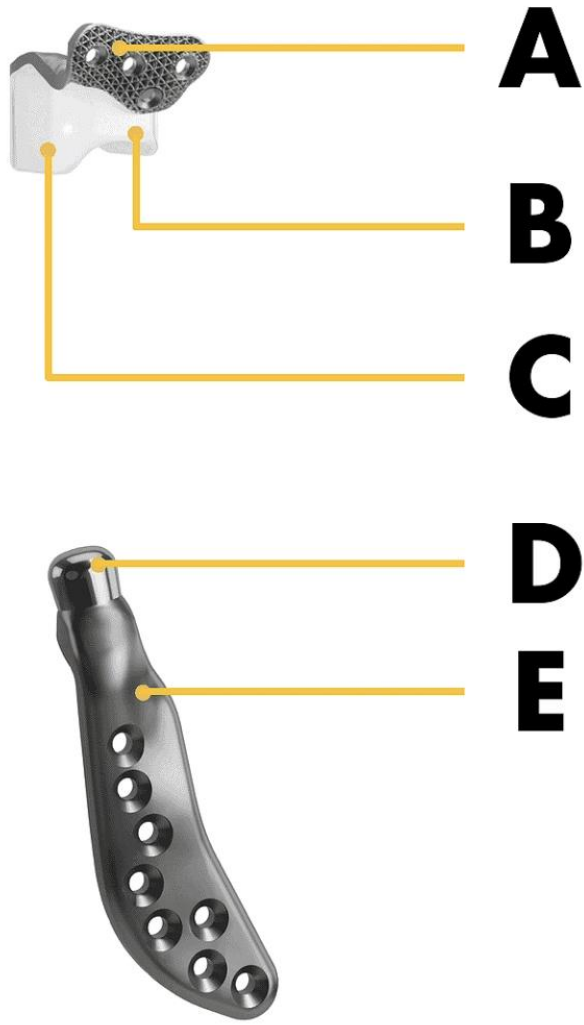
8mm

8mm

Total Alloplastic TMJ Replacement



TMJ Replacement Implant Components



Glenoid fossa component

- A.** Unalloyed titanium mesh backing - for secure screw fixation
- B.** Ultra-high molecular weight polyethylene
- C.** Industry-exclusive posterior lip design of the fossa helps to minimise the possibility of posterior dislocation

Mandibular component

- D.** Cobalt-chromium-molybdenum alloy condylar head
- E.** Titanium alloy body

TMJ Replacement Surgery Risks

Infection

- Antibiotics, ID consult, PICC line
- Joint Removal, antibiotic spacer, joint replacement v. alternative reconstruction

Allergic reaction/rejection

Major bleeding

Facial numbness, weakness or paralysis

- Temporary facial weakness/paralysis
- Permanent facial weakness/paralysis

Injury to gums or teeth

Malocclusion

Residual or worse TMJ pain

Jaw immobility

- Jaw stiffness
- Inability to protrude jaw or move it side to side (limited excursive movements)

Joint failure requiring revision, replacement, or other surgery

- This may necessitate additional future orthodontic treatment

Thank you!
Questions?