



MINISTRY OF DEVELOPMENT OF
NORTH EASTERN REGION



RADIUS 3D PRINTED METAL IMPLANT FOR AIIMS, GUWAHATI



BY: AMTRON & PARTNER UNIVERSITIES



MINISTRY OF DEVELOPMENT OF
NORTH EASTERN REGION



Preoperative Condition Condition (Left Hand)



**Proximal
view**



**Distal
view**



**Lateral
view**



**Medial
view**

Metal 3D Implant Design Process



**Radius Resection
at 80 mm**

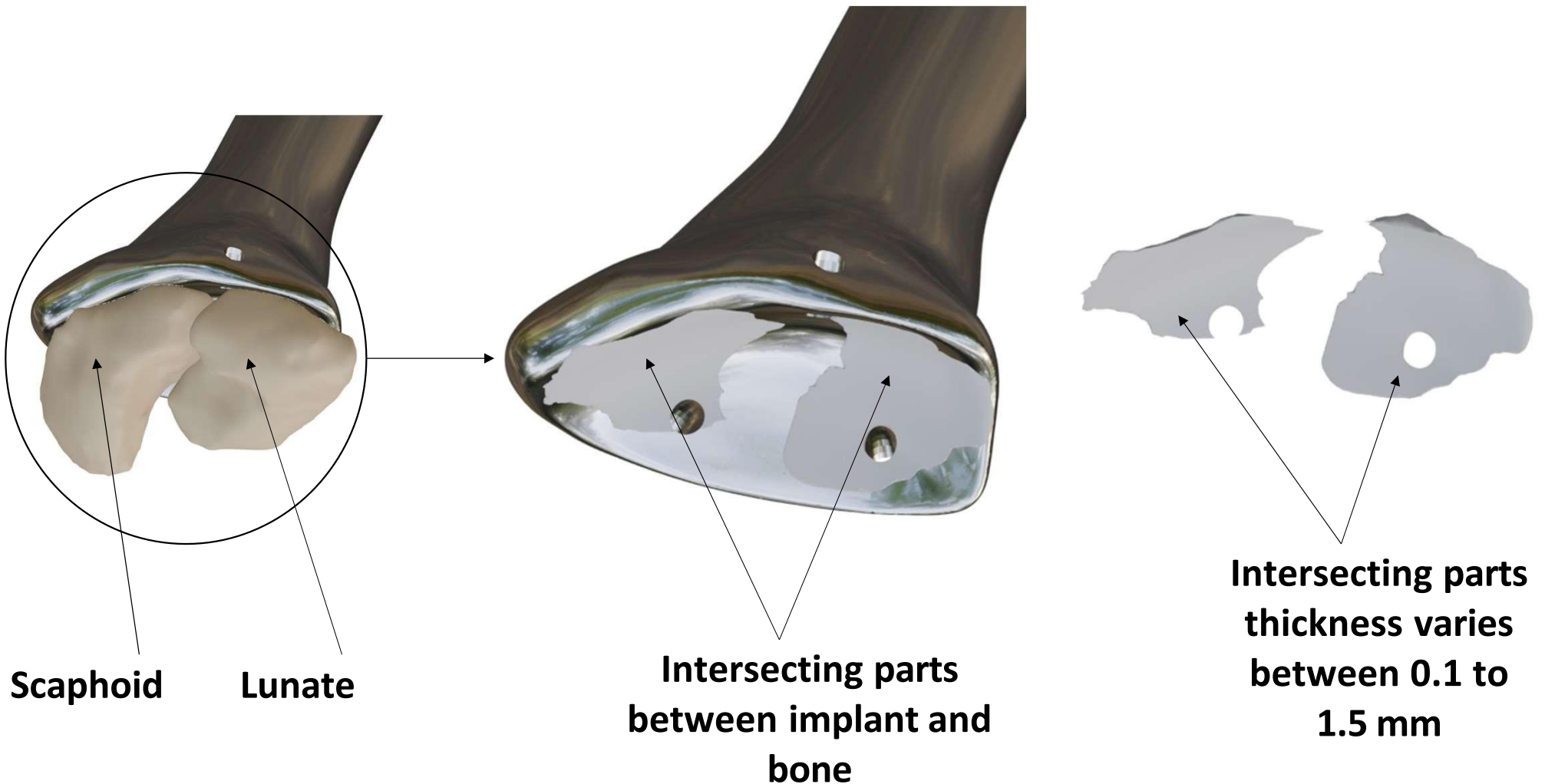


**Resected
Radius**



**Grey -
Mirrored**

Digital Design Elements



3D Implant – Digital Design Views



**Proximal
view**



**Distal
view**



**Proximal
View**



**Distal
View**



**Implant design on
Resected Side**

**Sucher
hole
Diameter:
2.5 mm**

**M5X0.8
Thread**

