

Demo of Digital Designing & 3D Printing At Cachar Cancer Hospital & Research Center

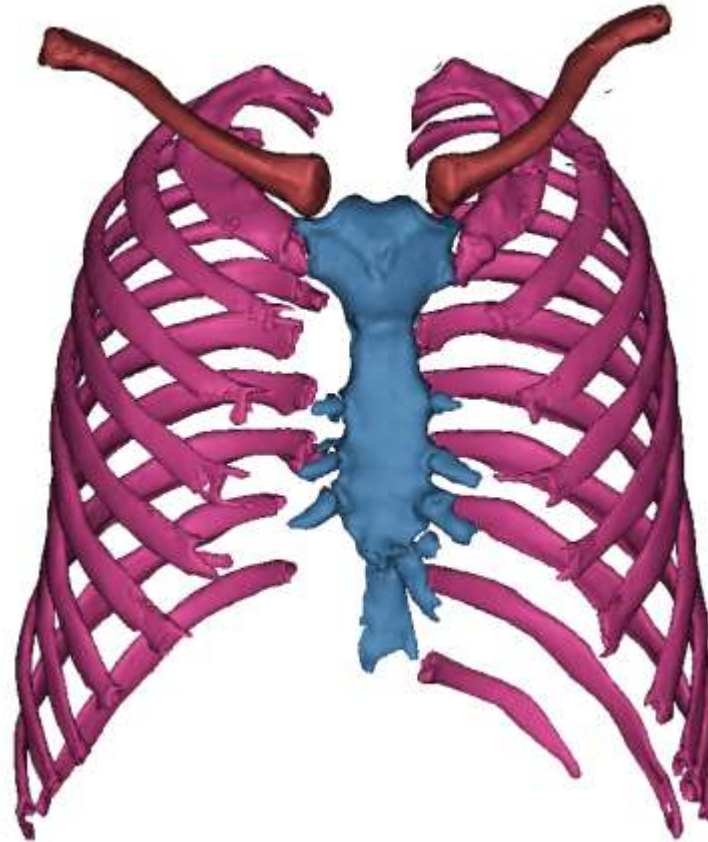
“4IR Application In Improving Quality of Cancer Surgery”



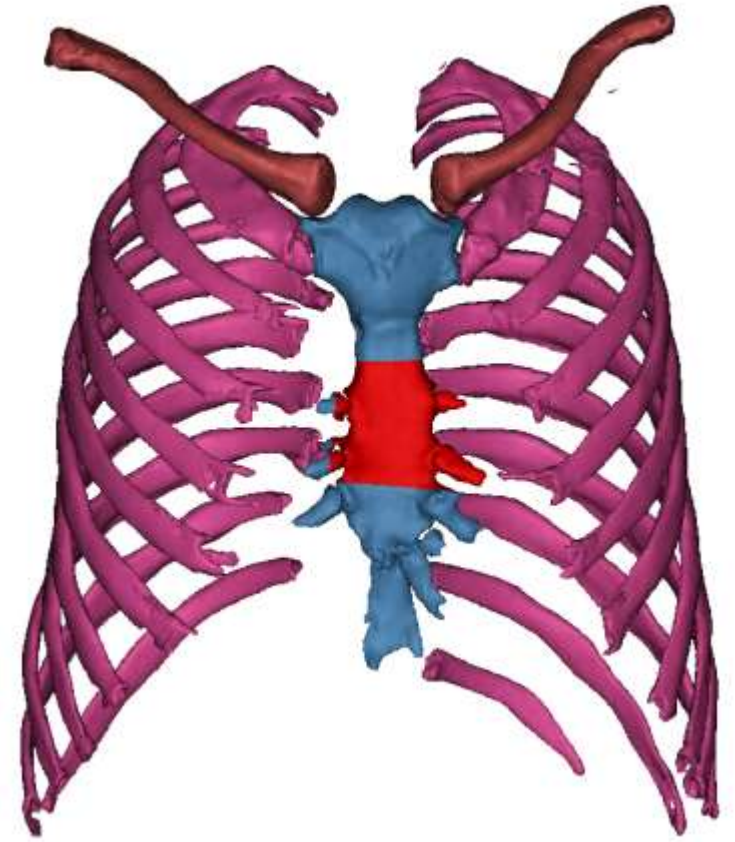
Segmentation Based on CT data for Sternum And Rib Portion



CT Scan Data

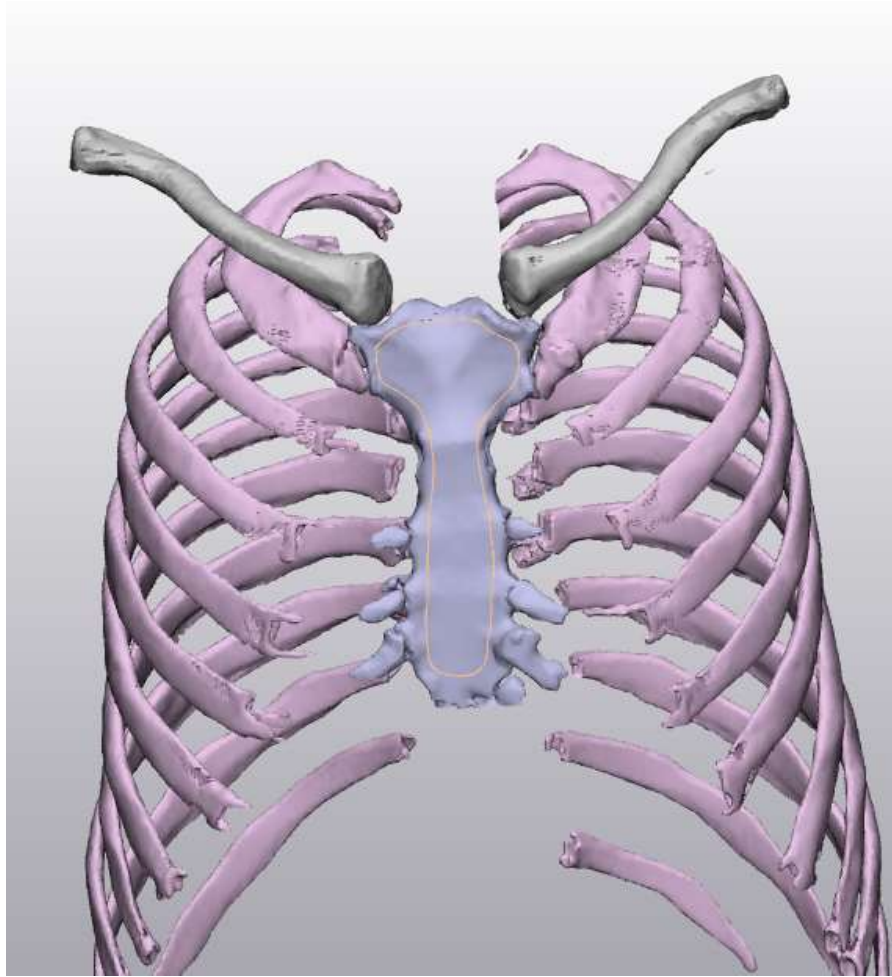


CT Scan Convert 3d Model

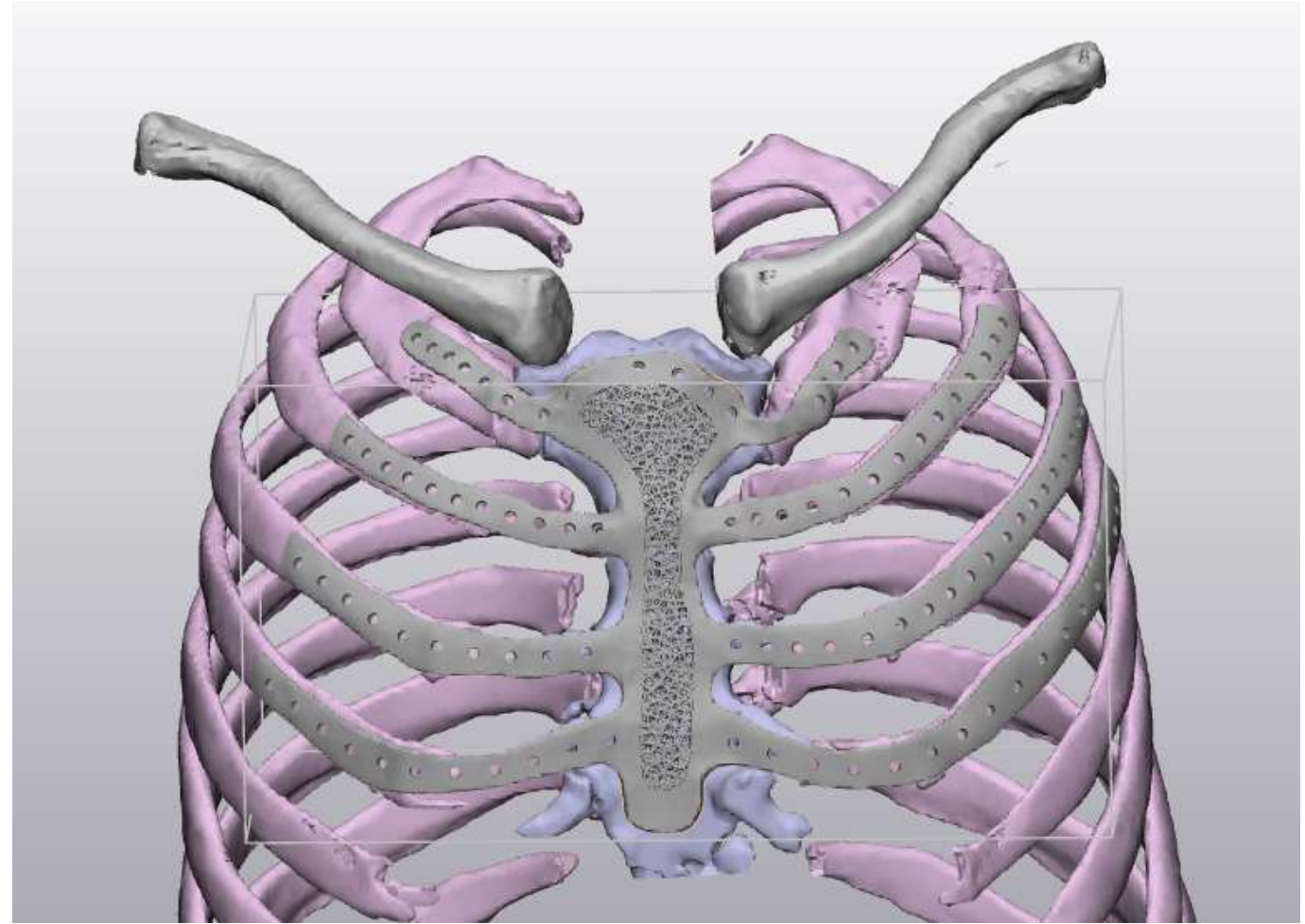


Modelling of Infected Area

The Implant is Prepared Using the Sternum and Rib

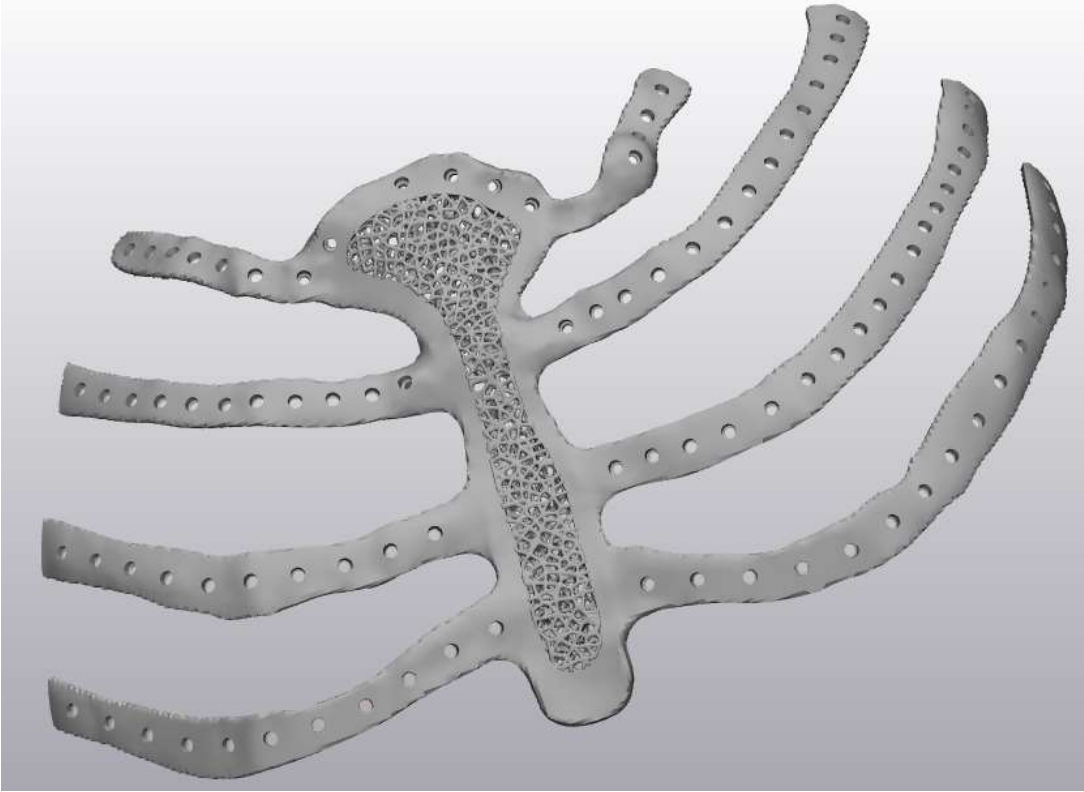


Sternum top surface Use To design the Implant



Complete Designing sternum implant

3D metal Printing After the Sternum Implant design

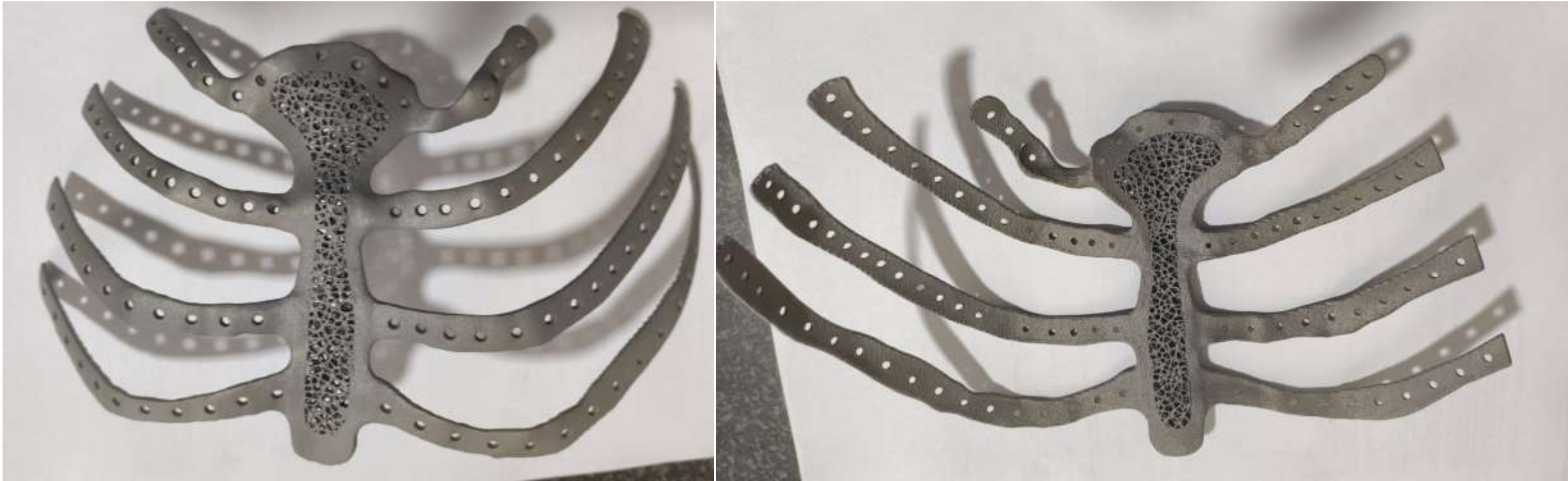


Sternum 3d Implant



After the 3d metal Printing Implant

After Post Processing the Final 3D metal Printing Sternum Implant



Sternum 3d printed Implant

THANK YOU

