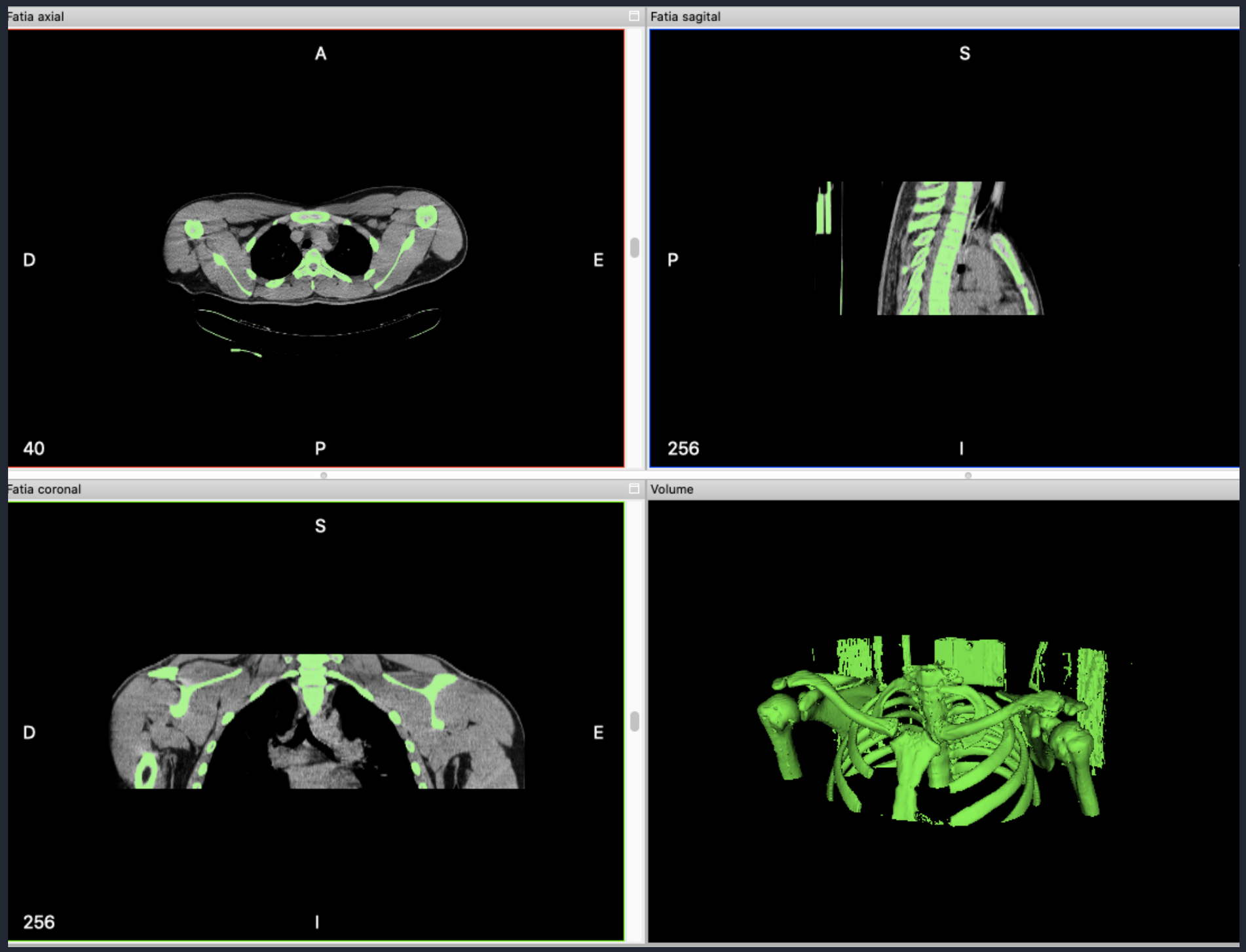
BIOMODEL DESIGN OF RIB CAGE

Vitor Urel Carneiro

CONVERSION OF THE DICOM FILE AND SEGMENTATION



RIB CAGE

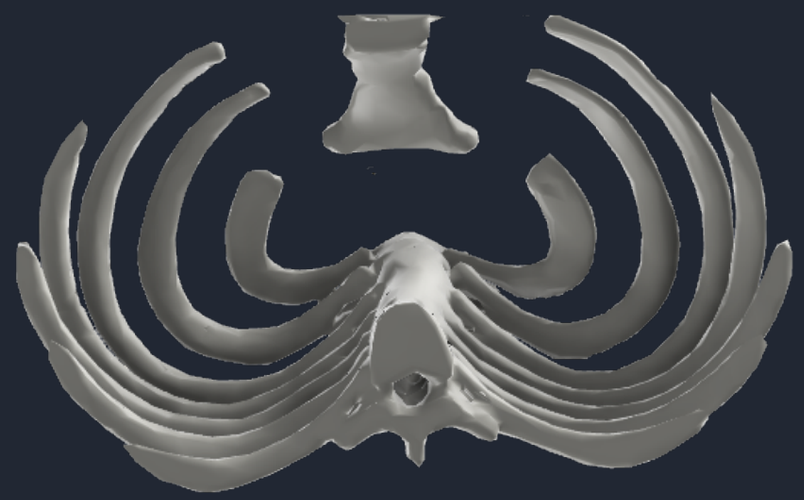
Biomodel of the rib cage made from a 7 mm computed tomography scan of a 20-year-old man.

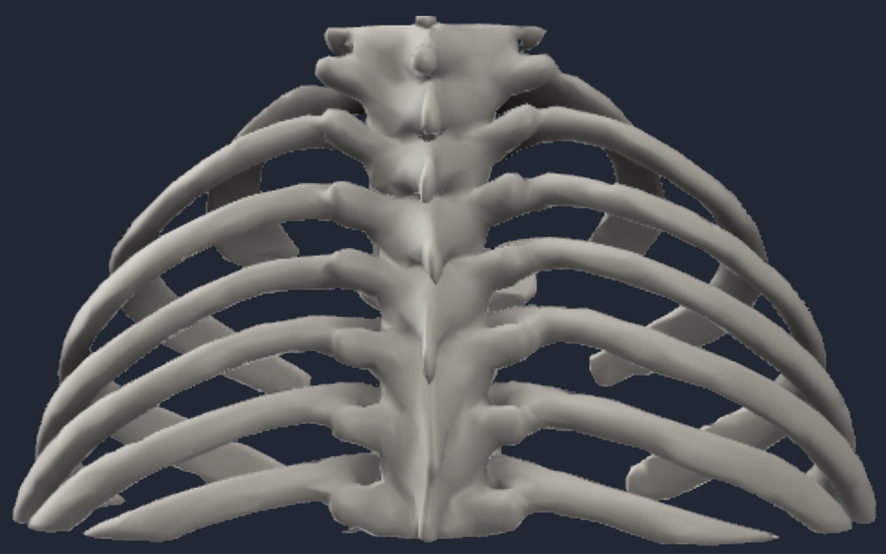
The model includes:

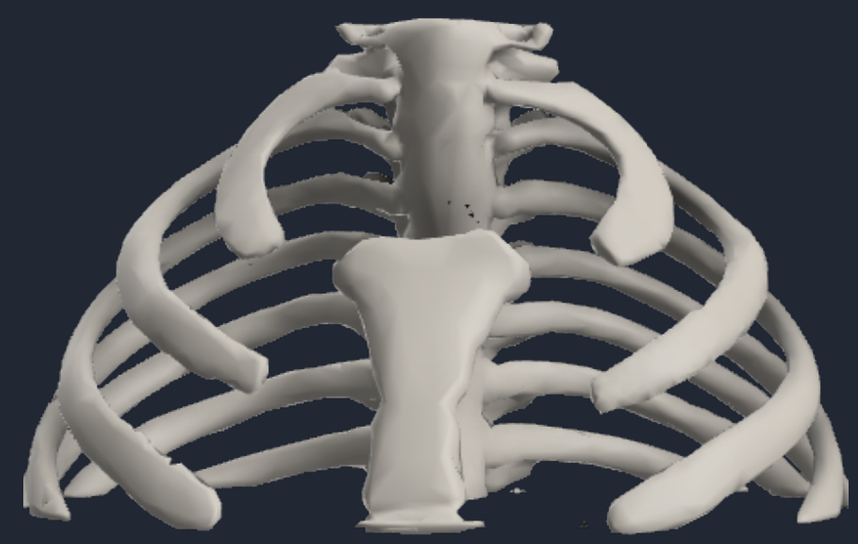
1. STL of the full rib cage
   Triangles: 545k
2. STL of the rib cage with simulation of a rib fracture
   Triangles: 673k
3. Rib STL (simulation)
   Triangles: 210k

Models can be printed in 3D.

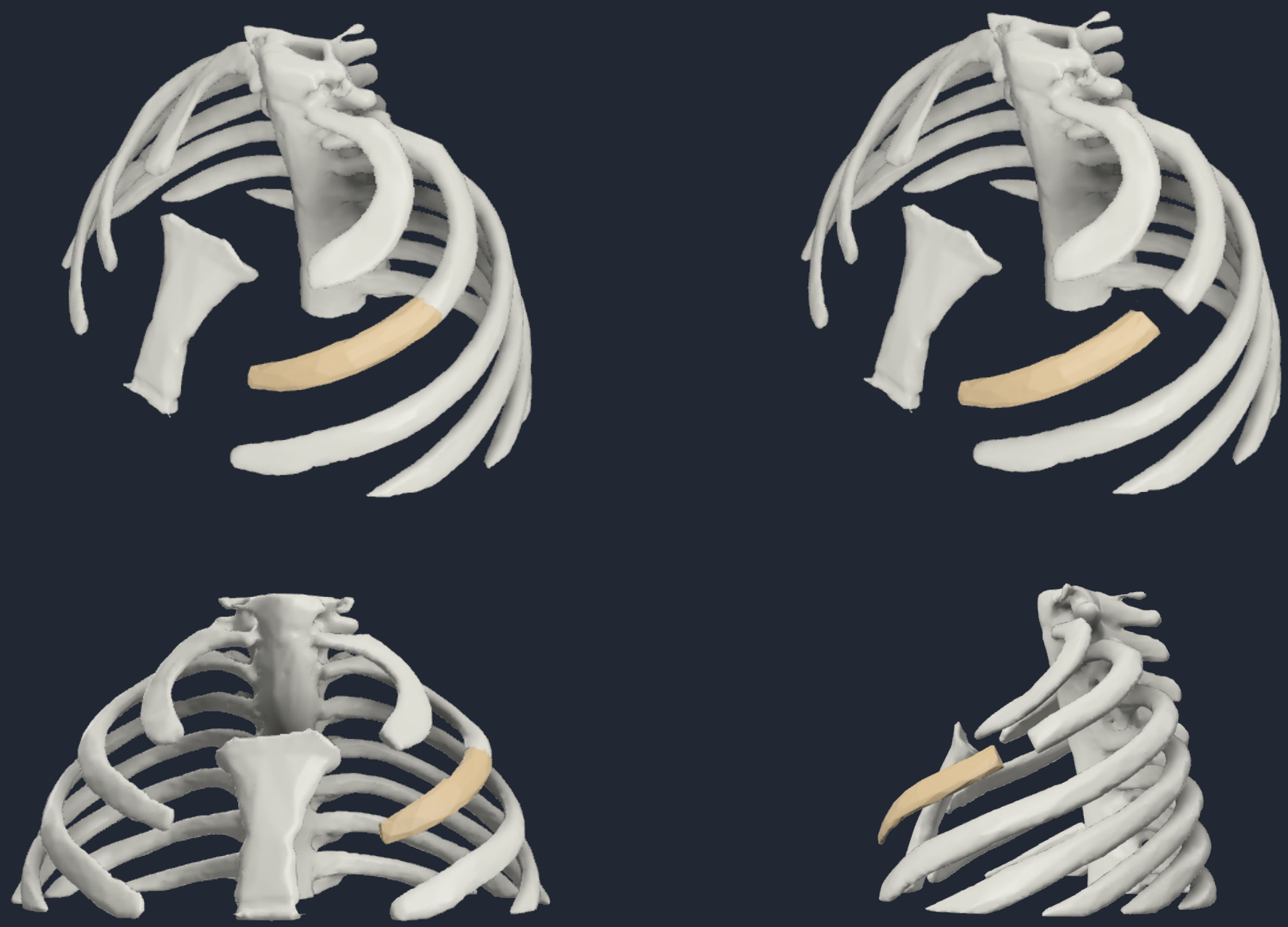
RIB CAGE







RIB FRACTURE SIMULATION



THANK YOU!

FOR MORE INFORMATION AND PROJECT REQUEST, PLEASE EMAIL ME.

Contact:
Email: urel.vitor@gmail.com
Instagram: @vitorurel