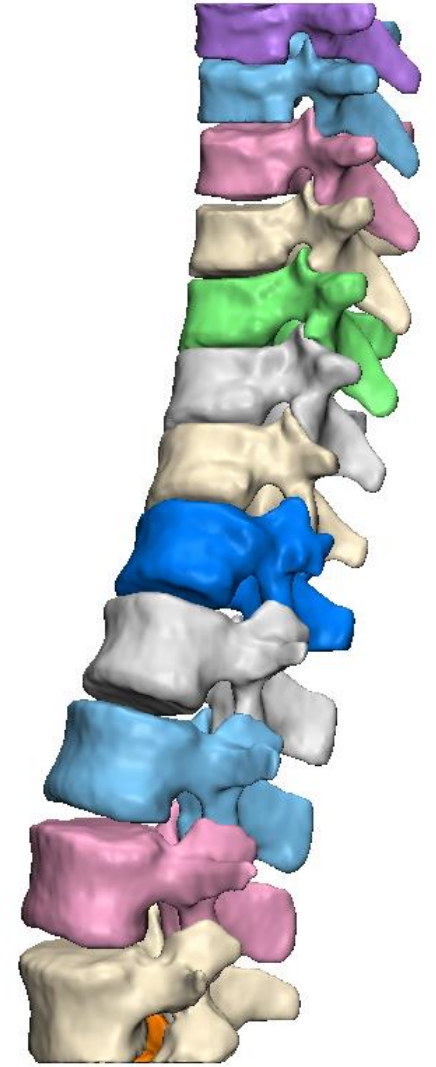
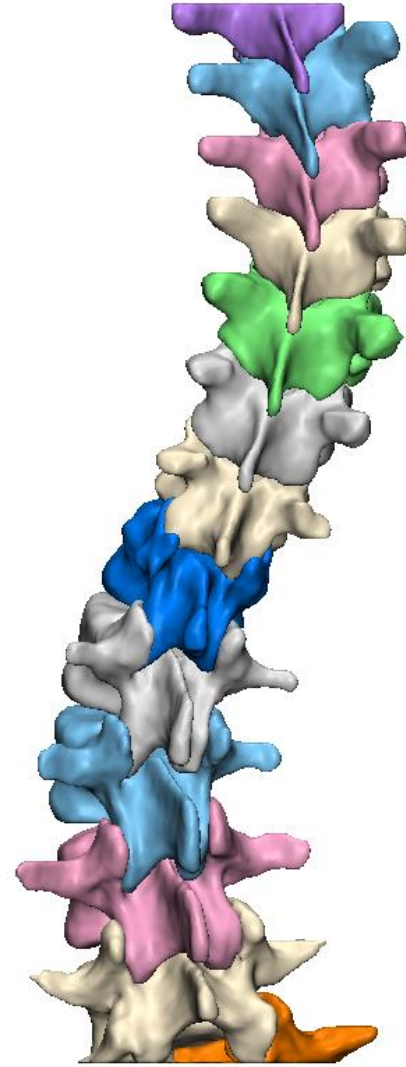
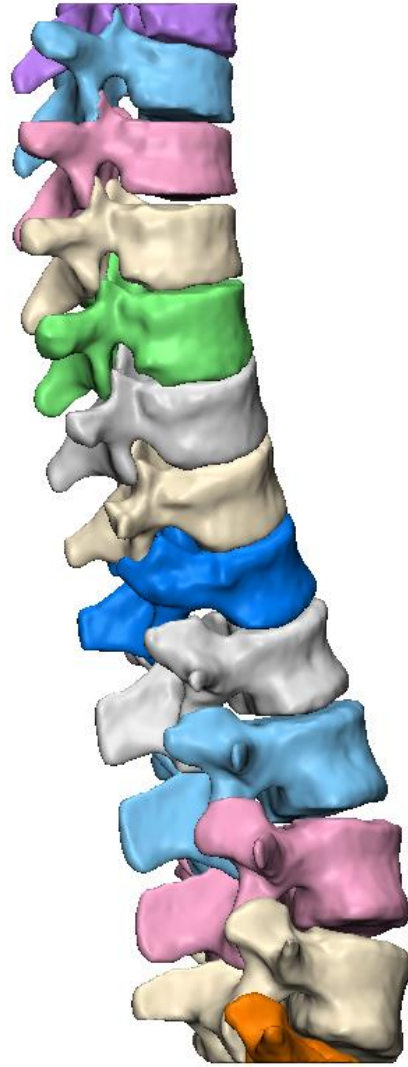
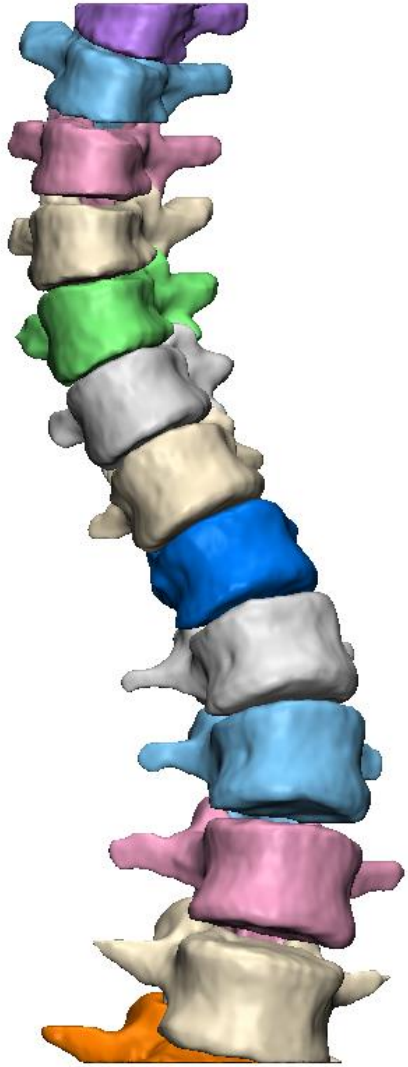
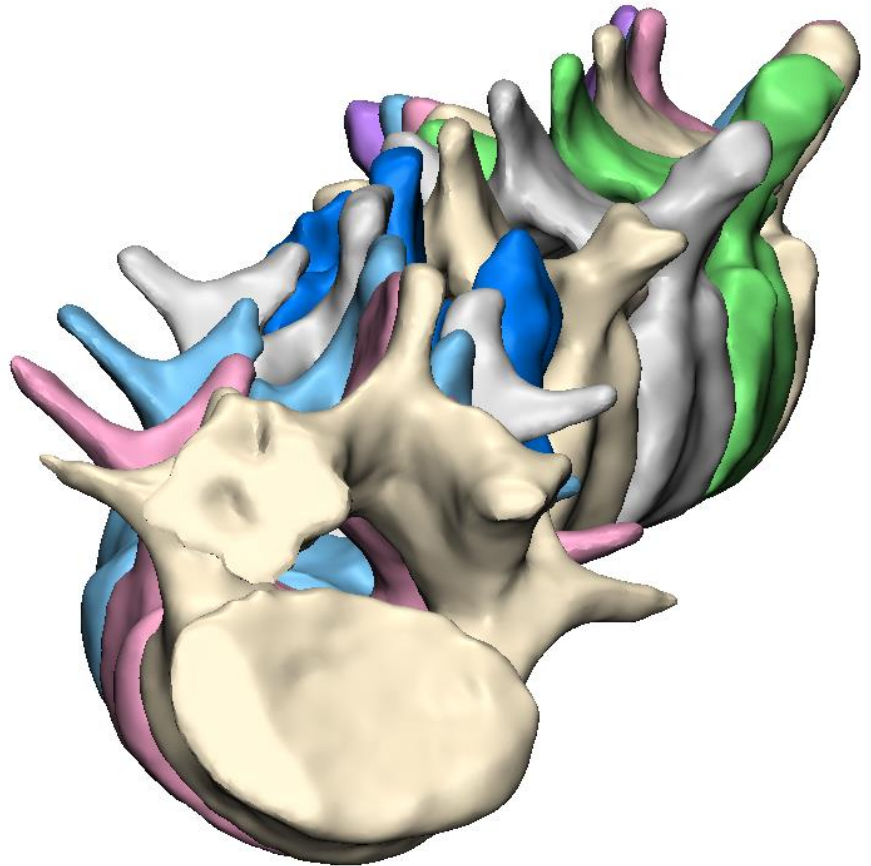
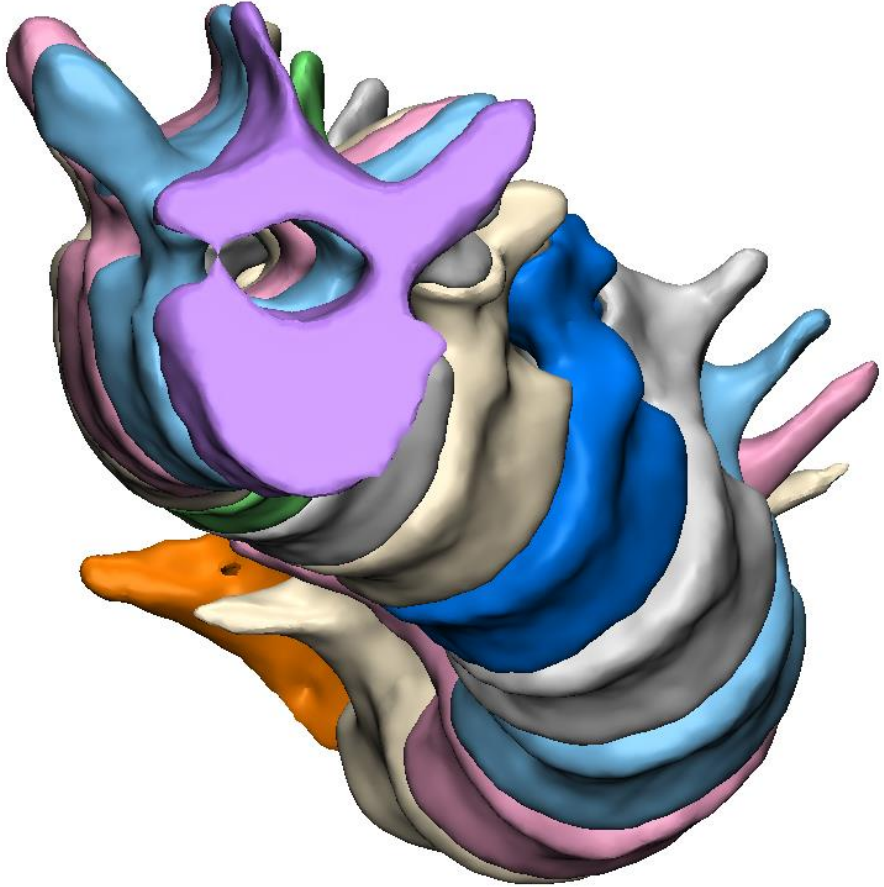


**PREOPERATIVE PLANNING  
FOR  
SCOLIOSIS CORRECTION SURGERIES**

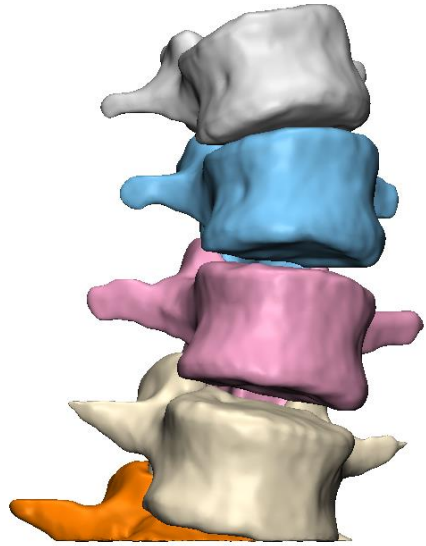
# 3D RECONSTRUCTION OF EACH VERTEBRA BASED ON CT SCAN



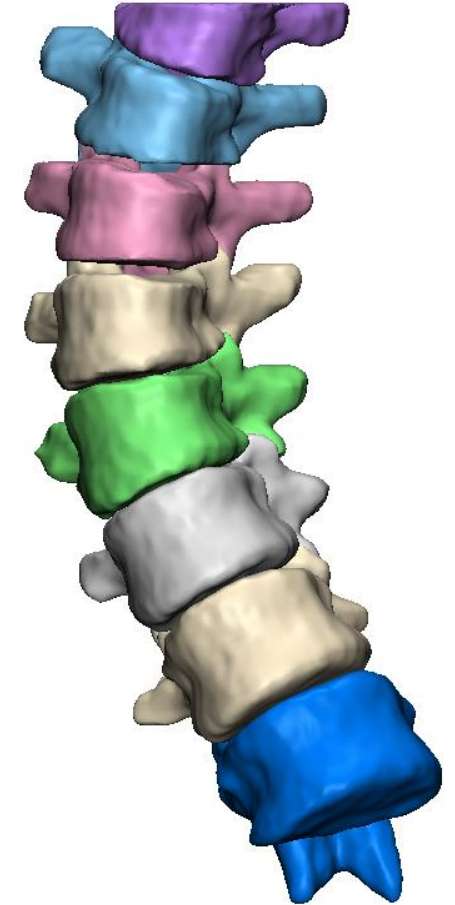
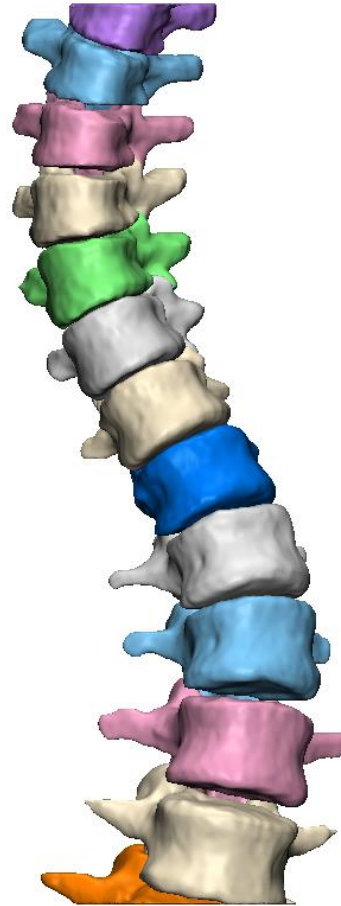
**3D RECONSTRUCTION OF EACH  
VERTEBRA BASED ON CT SCAN**



# 3D RECONSTRUCTION OF EACH VERTEBRA BASED ON CT SCAN

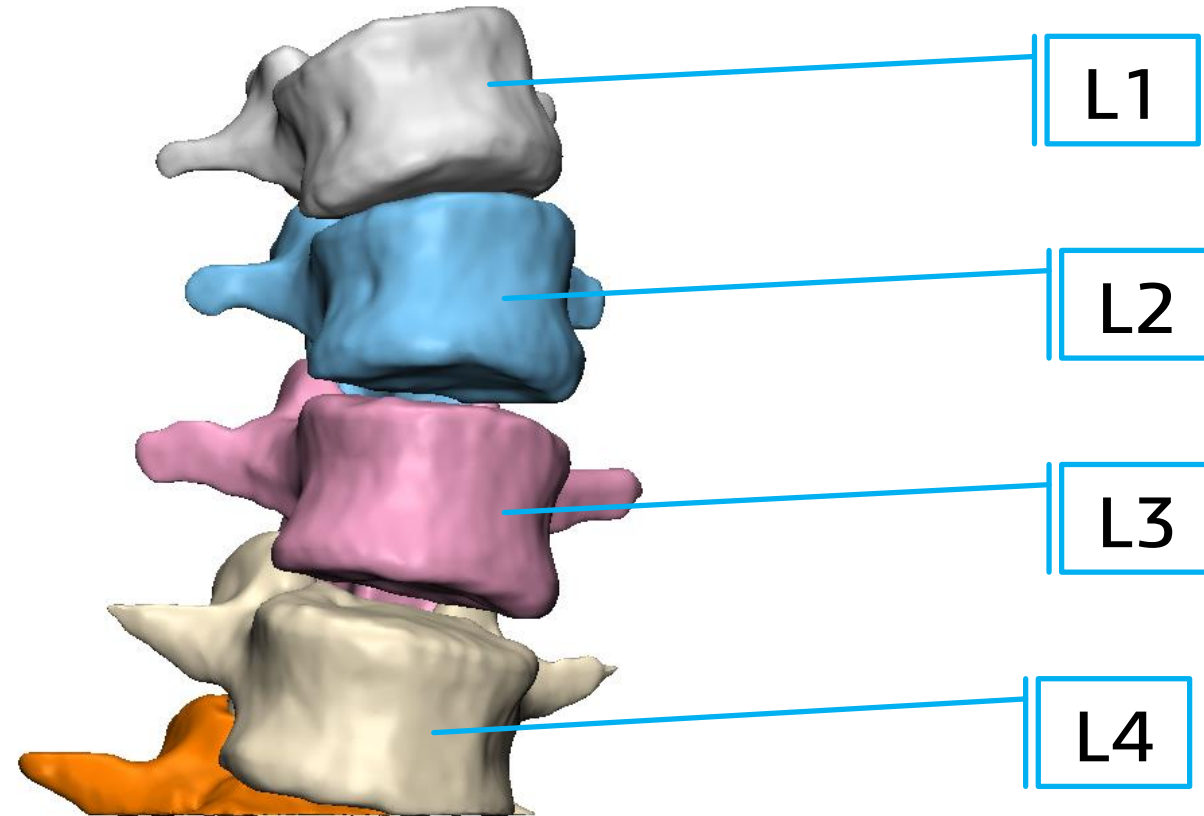


**Lumbar Vertebrae**

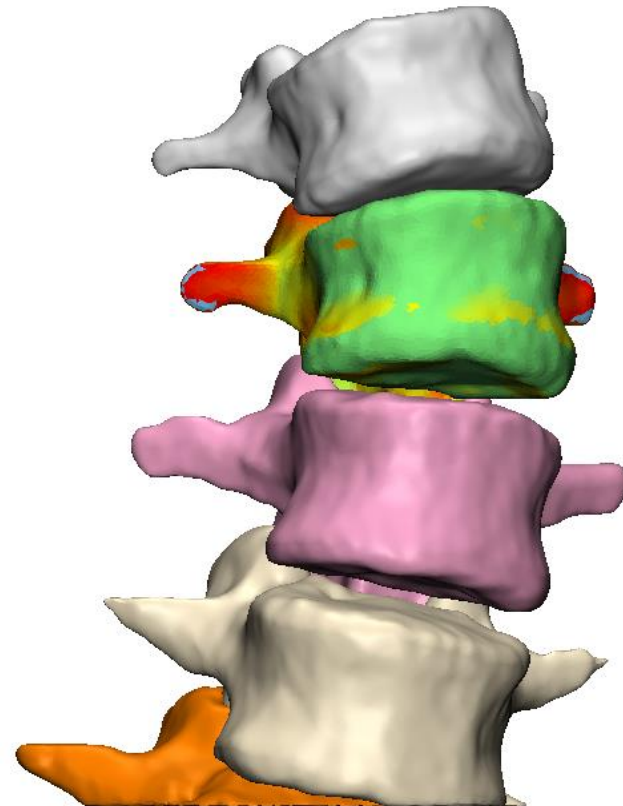
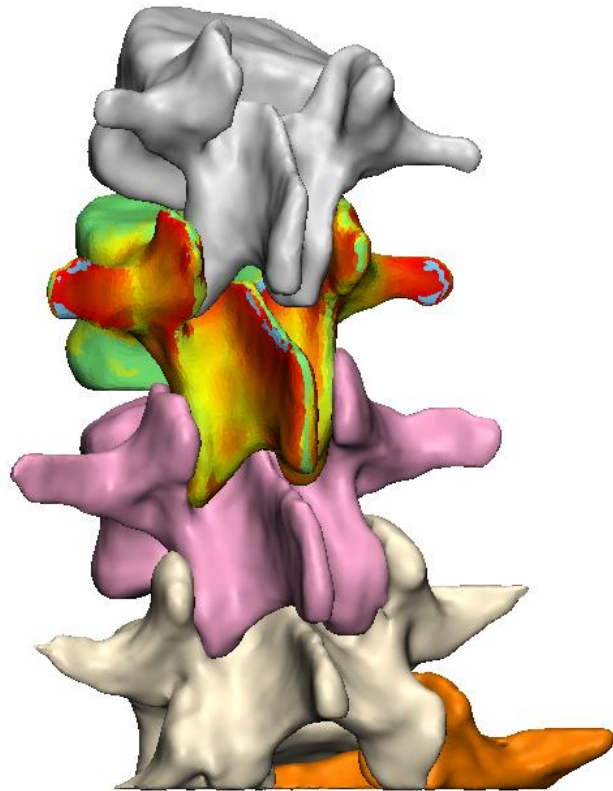


**Thoracic Vertebrae**

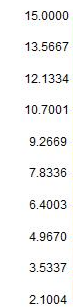
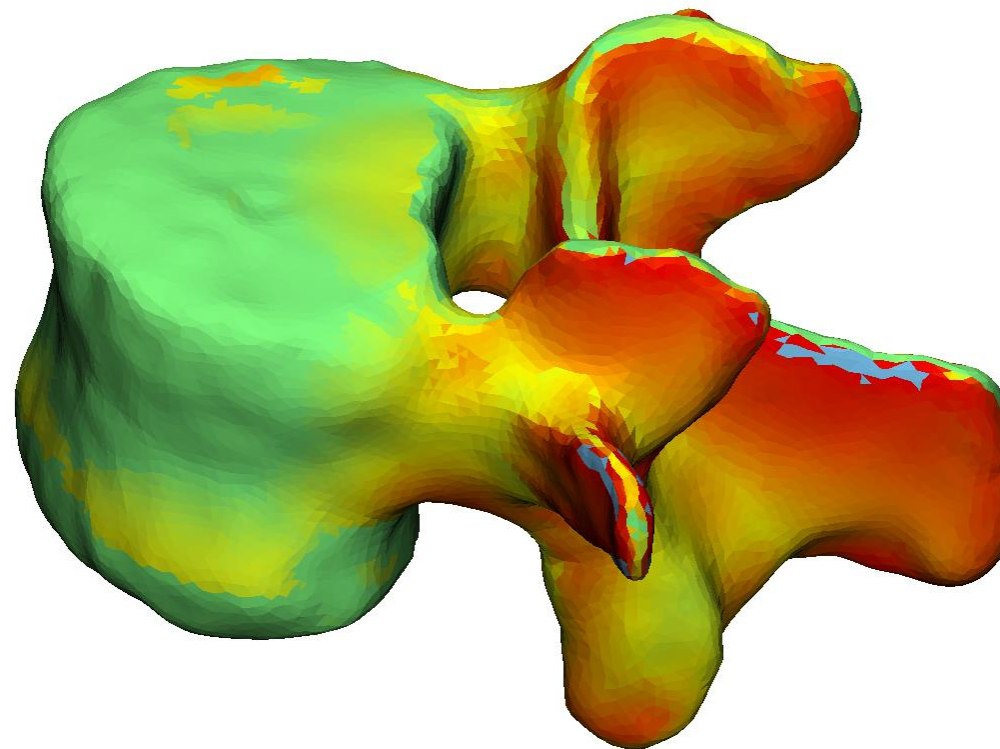
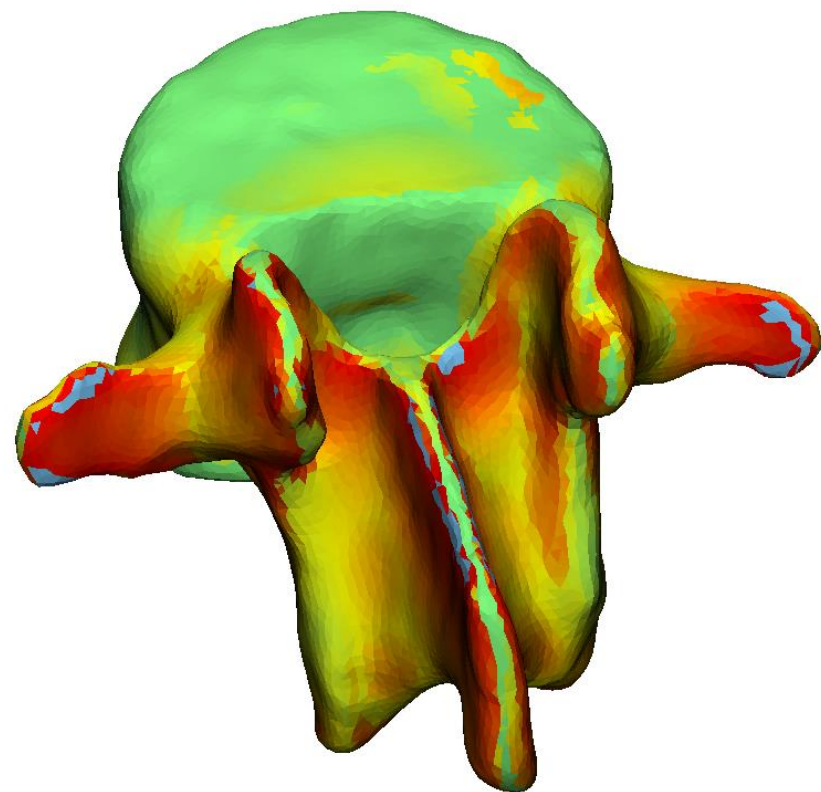
# 3D RECONSTRUCTION FOR EACH VERTEBRA (LUMBAR VERTEBRAE)



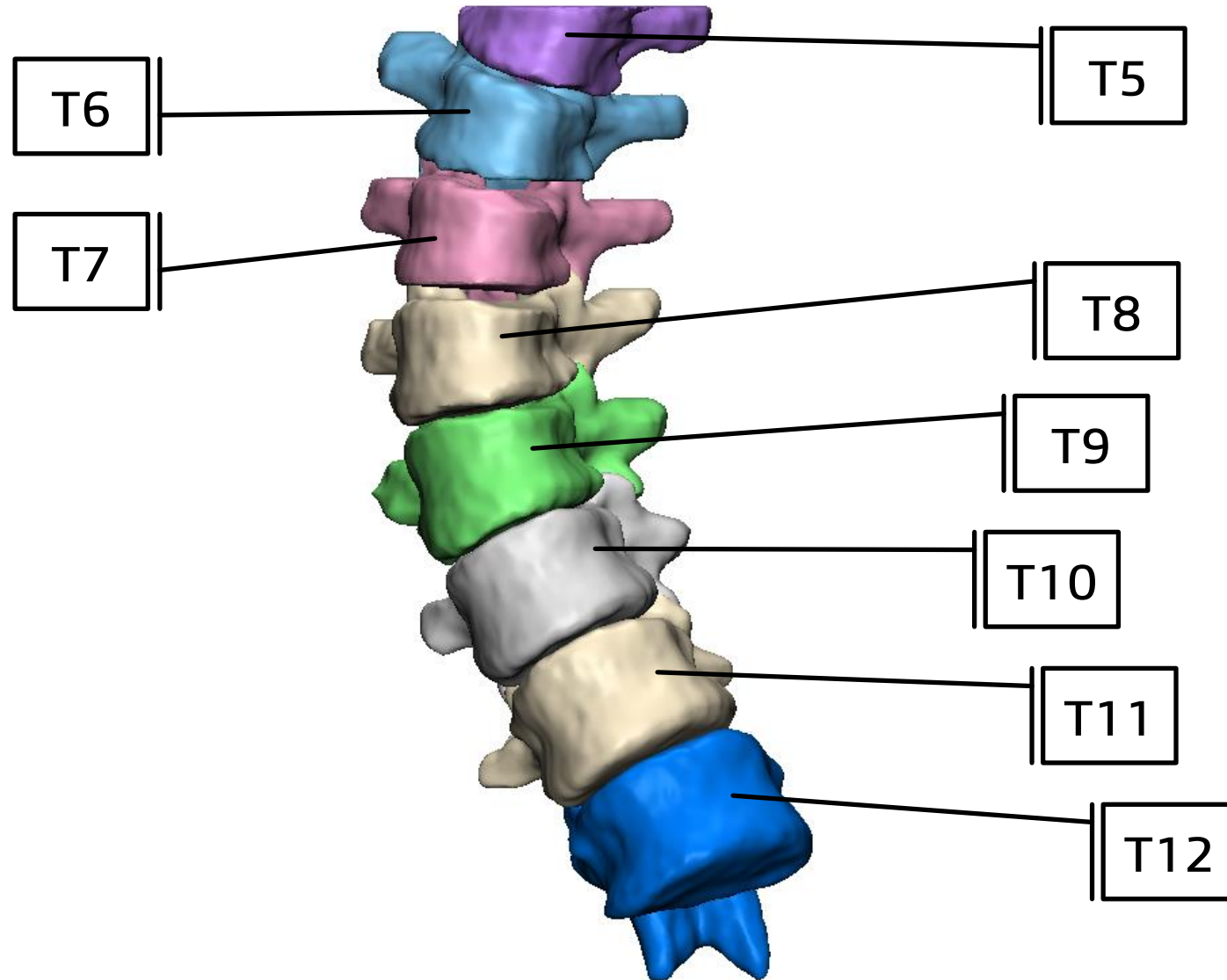
# THICKNESS ANALYSIS FOR EACH VERTEBRA (E.G. L2 VERTEBRA)



# THICKNESS ANALYSIS FOR EACH VERTEBRA (E.G. L2 VERTEBRA)

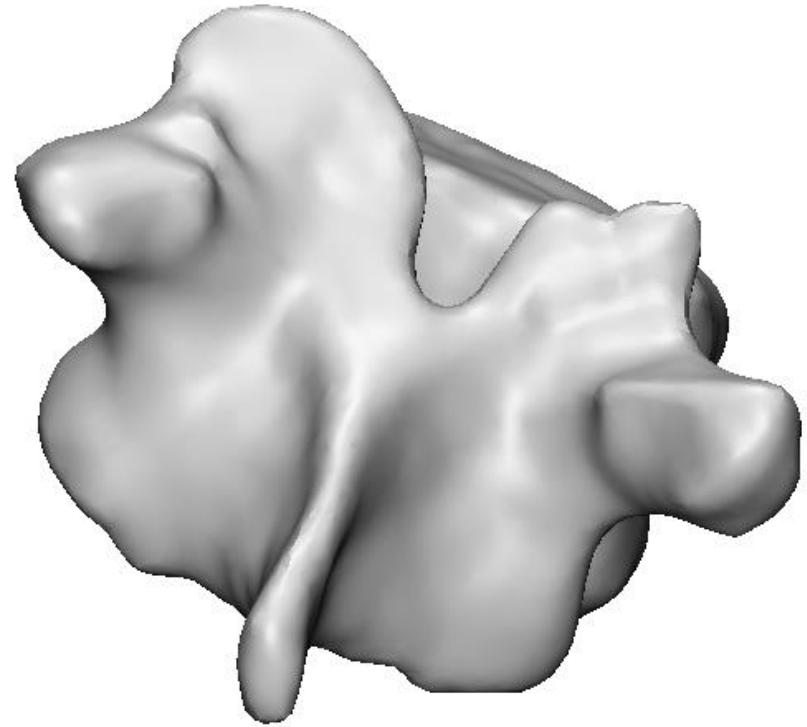
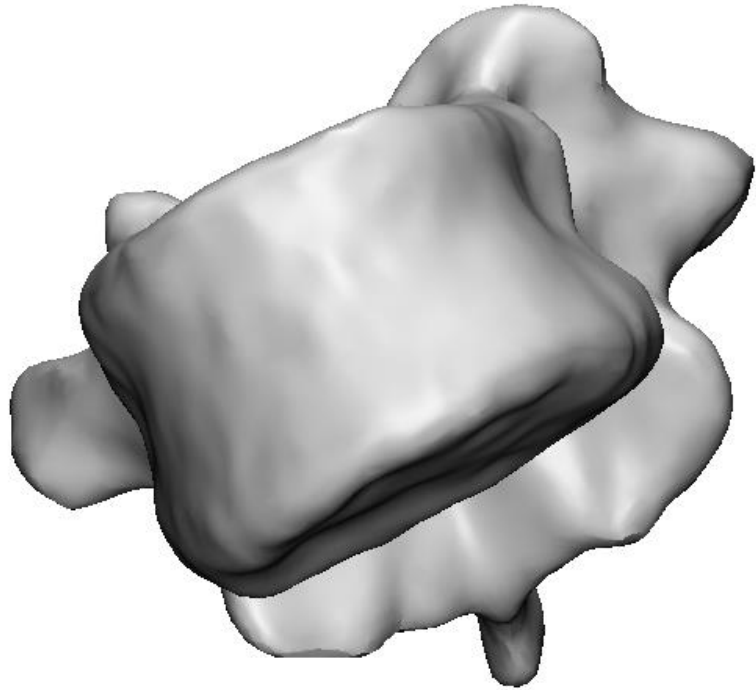


# 3D RECONSTRUCTION FOR EACH VERTEBRA (THORACIC VERTEBRAE)

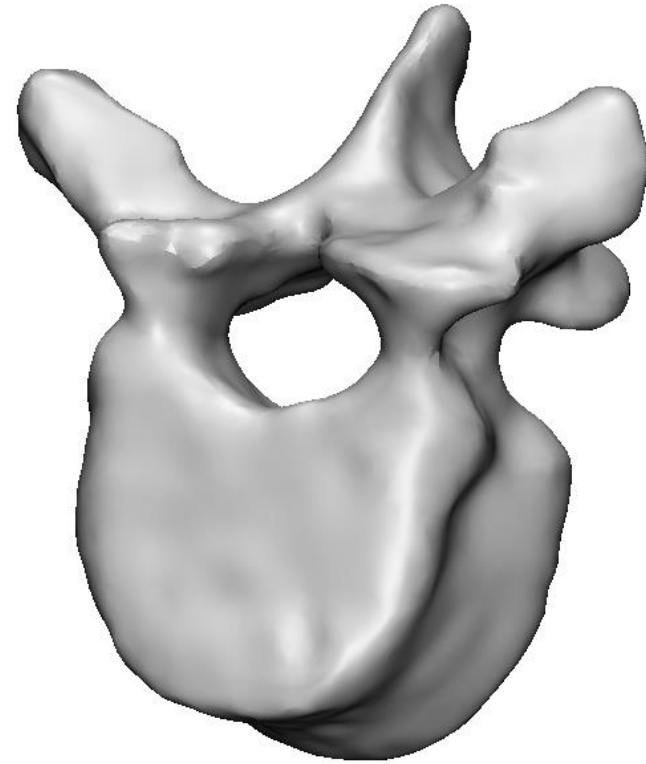
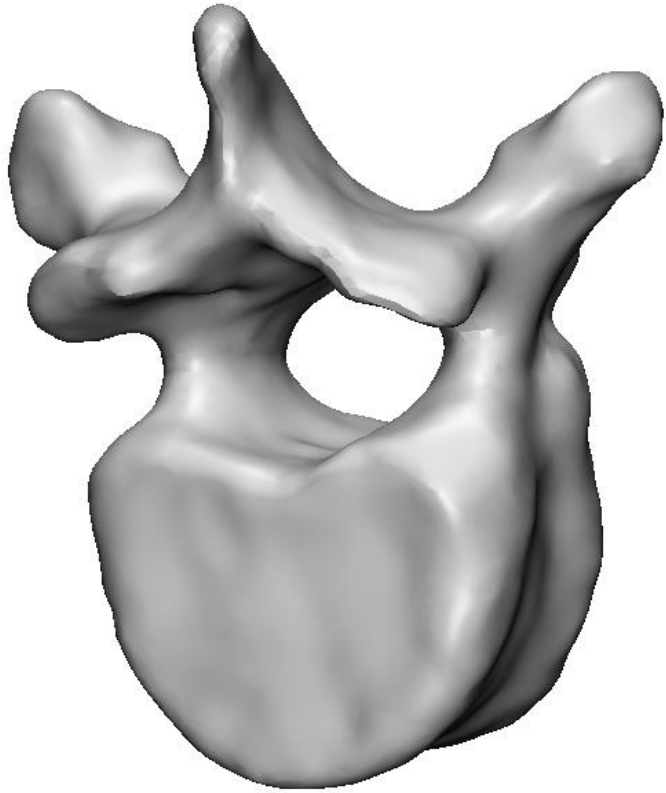




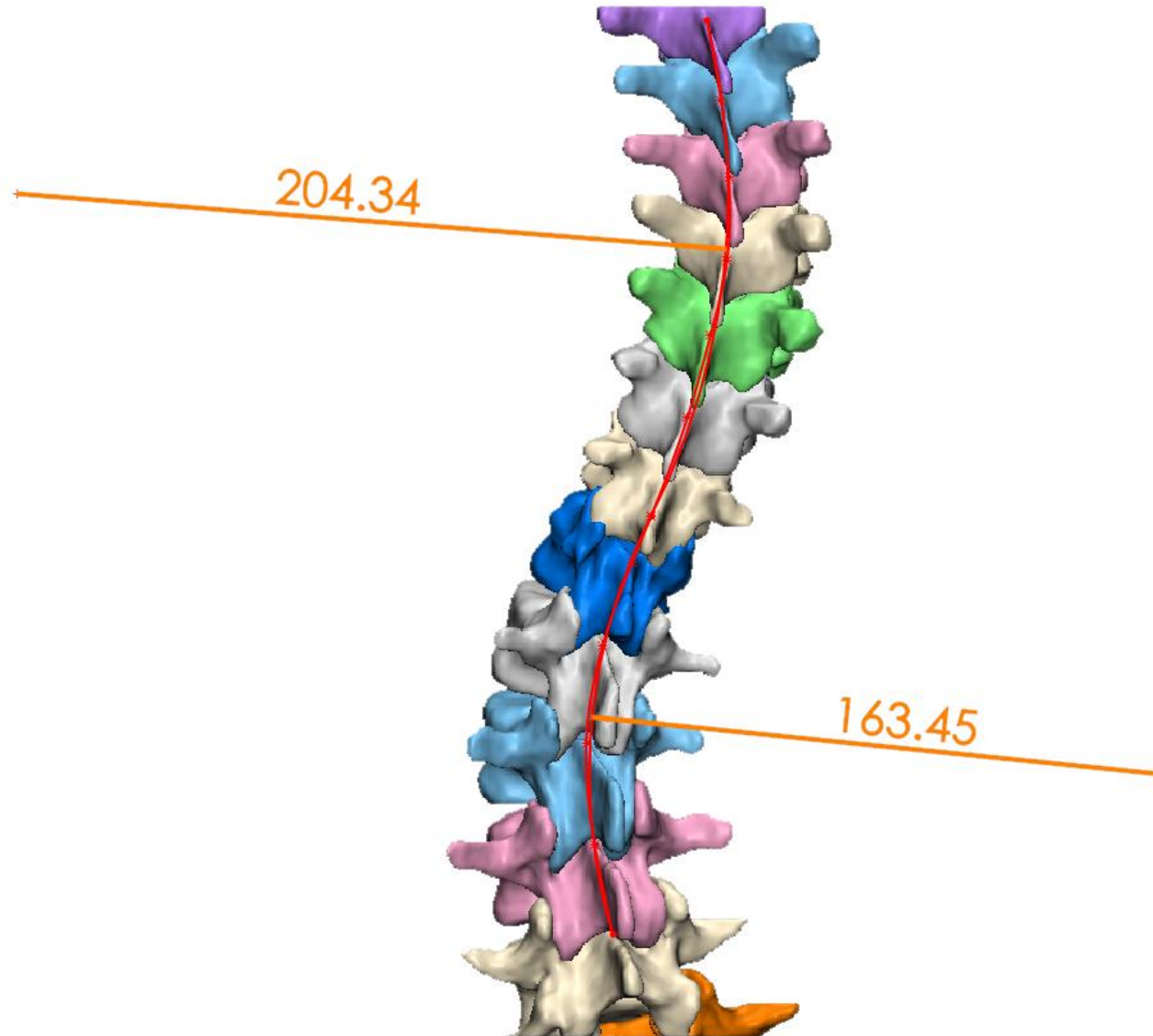
# 3D RECONSTRUCTION FOR EACH VERTEBRA (T10 VERTABRA)



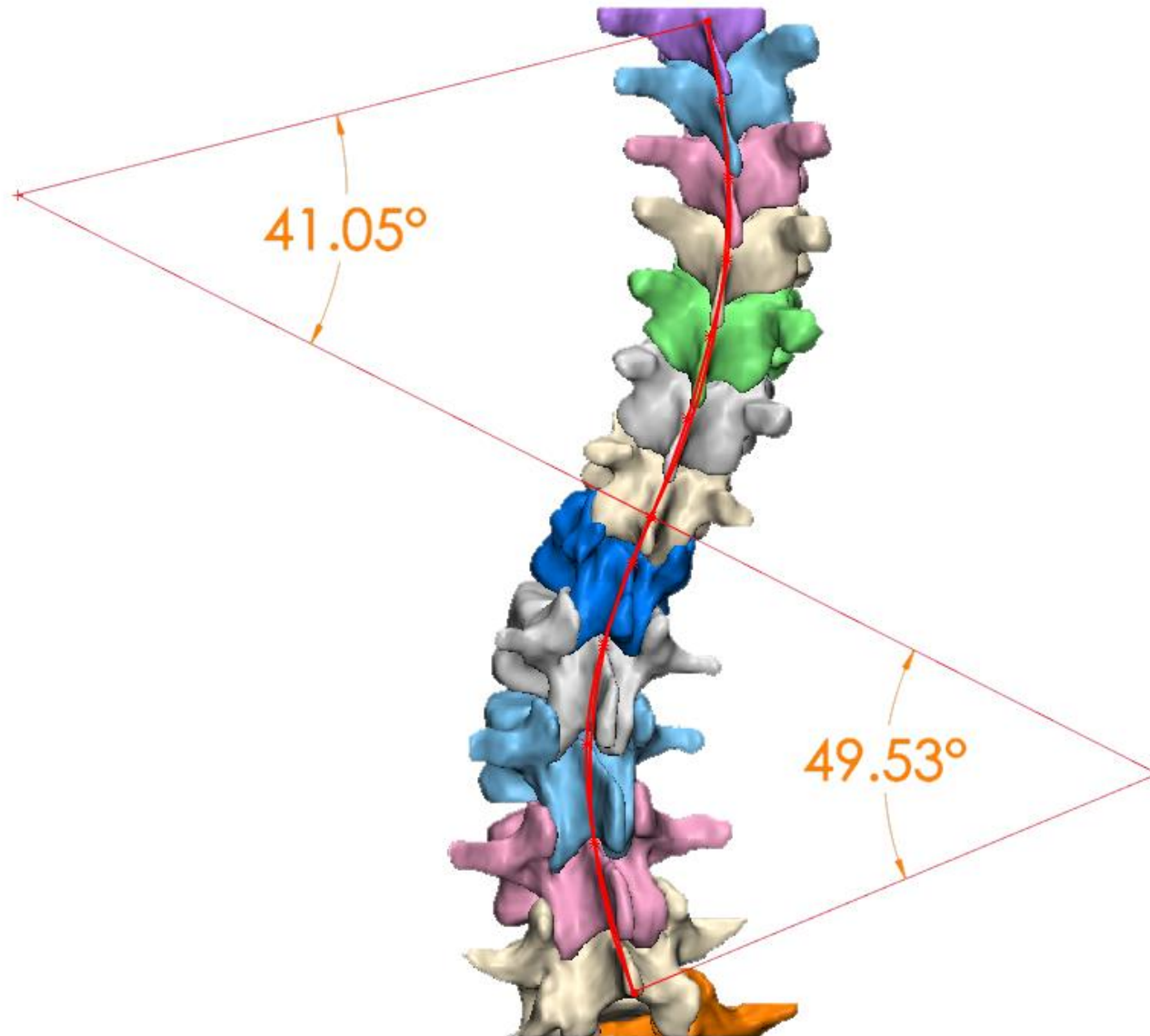
# 3D RECONSTRUCTION FOR EACH VERTEBRA (T10 VERTABRA)



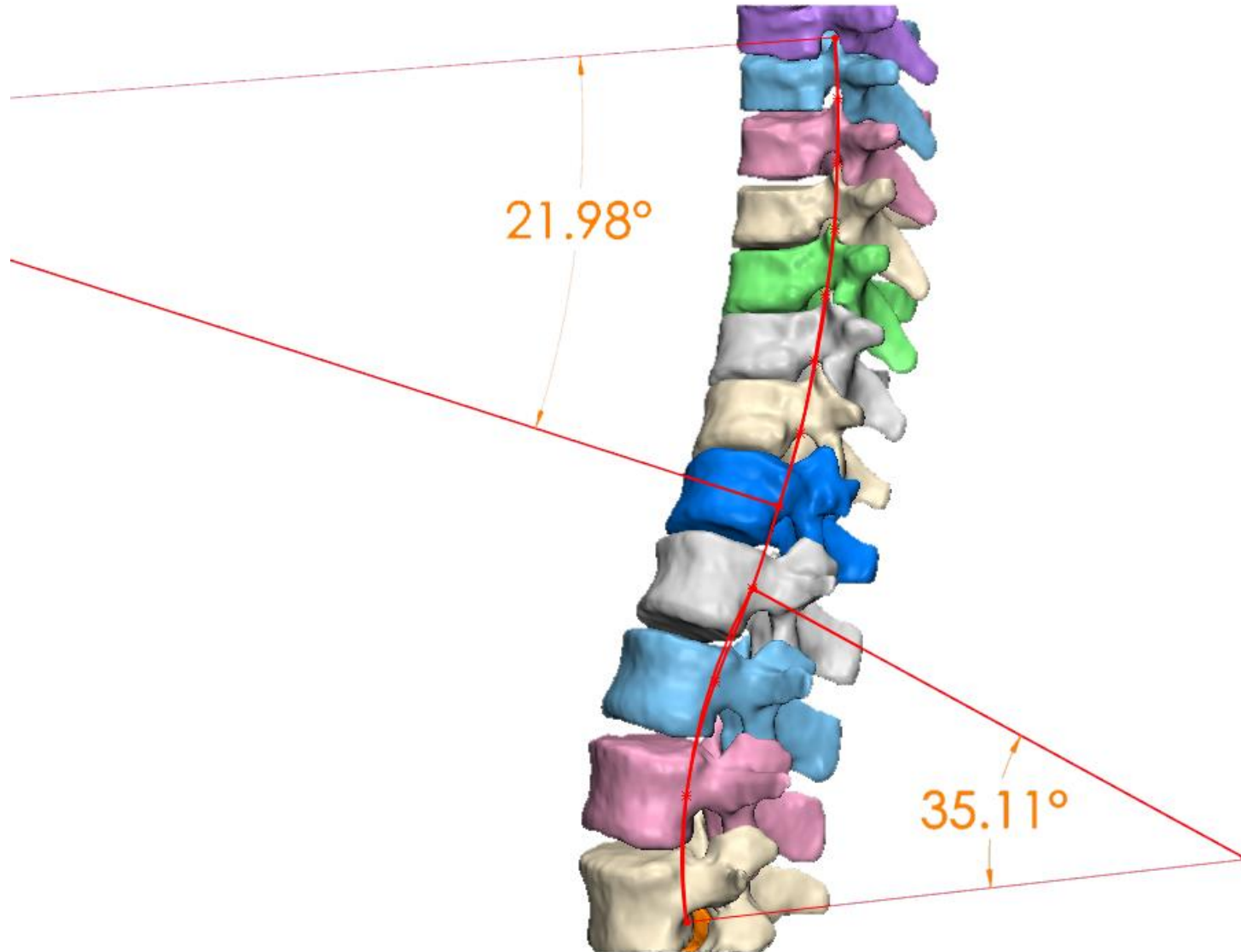
# MEASURING THE RADIUS OF CURVATURE FOR EACH CURVE IN CORONAL PLANE



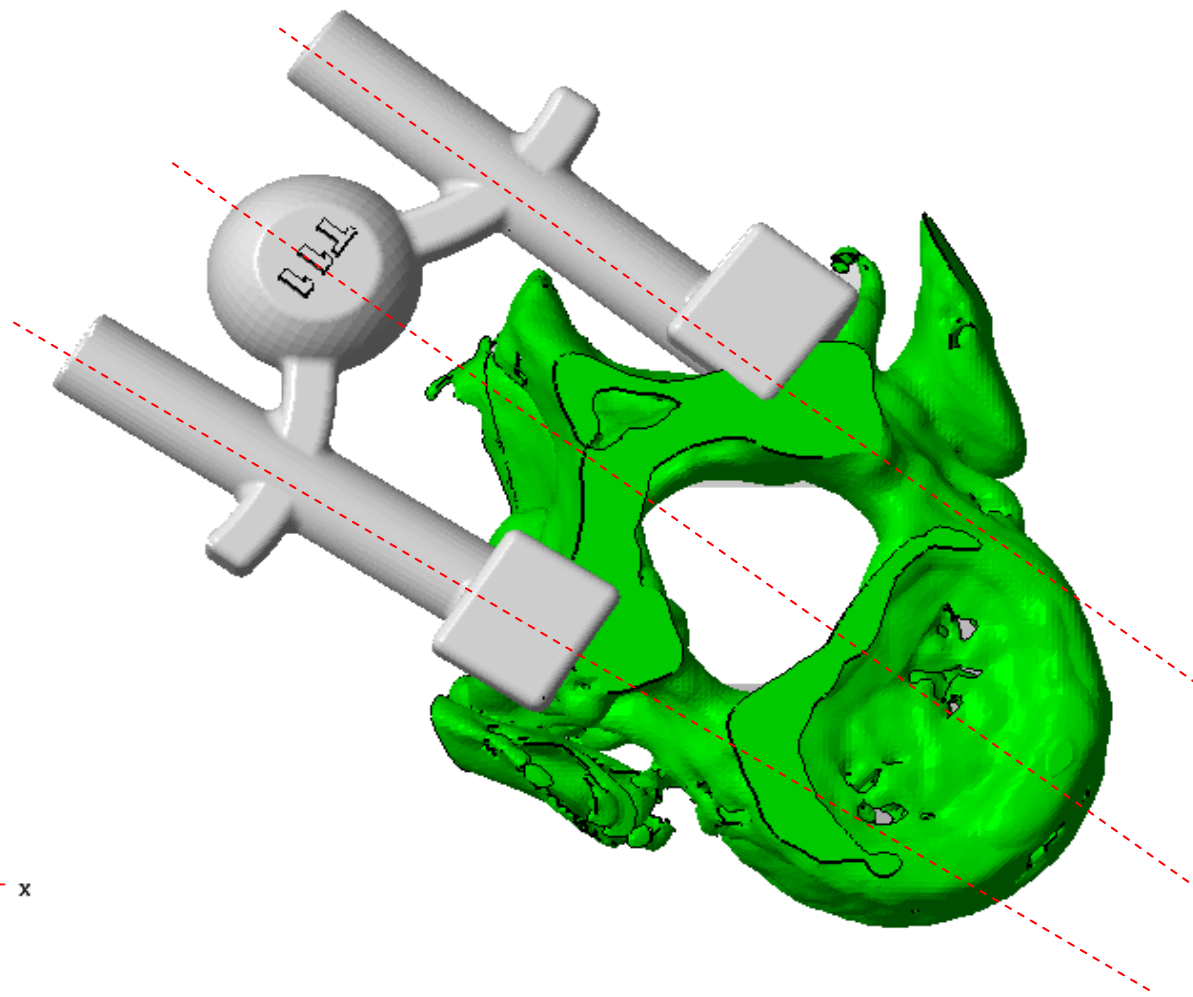
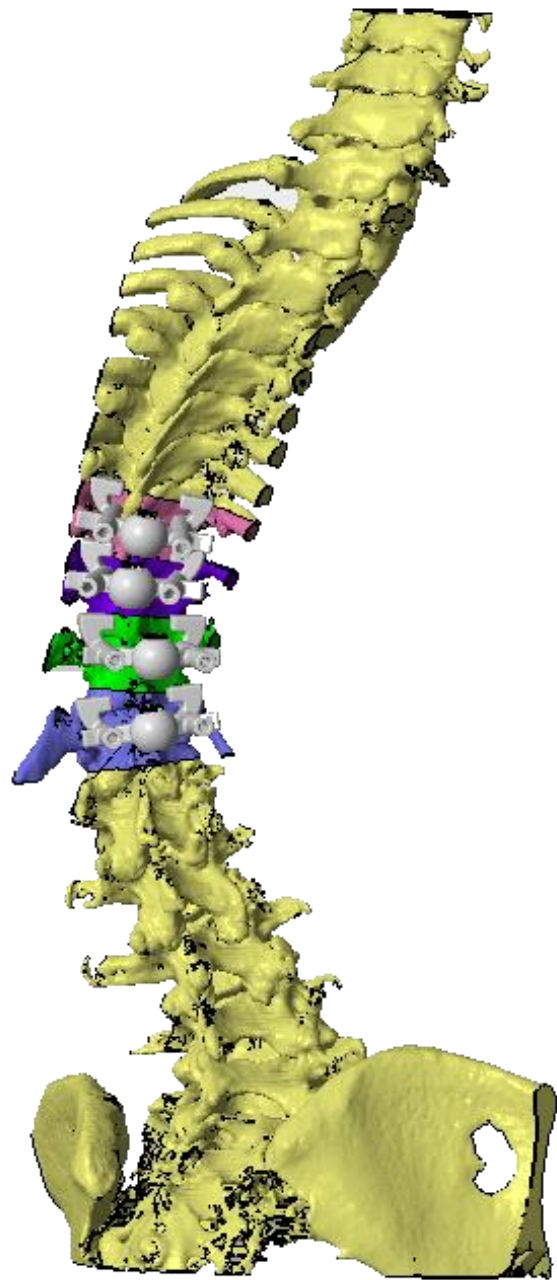
# COBB ANGLE MEASUREMENTS IN THE CORONAL PLANE (MT AND TL/L)



# KYPHOSIS AND LORDOSIS MEASUREMENTS



# Preoperative Planning – Ex:T11



- x