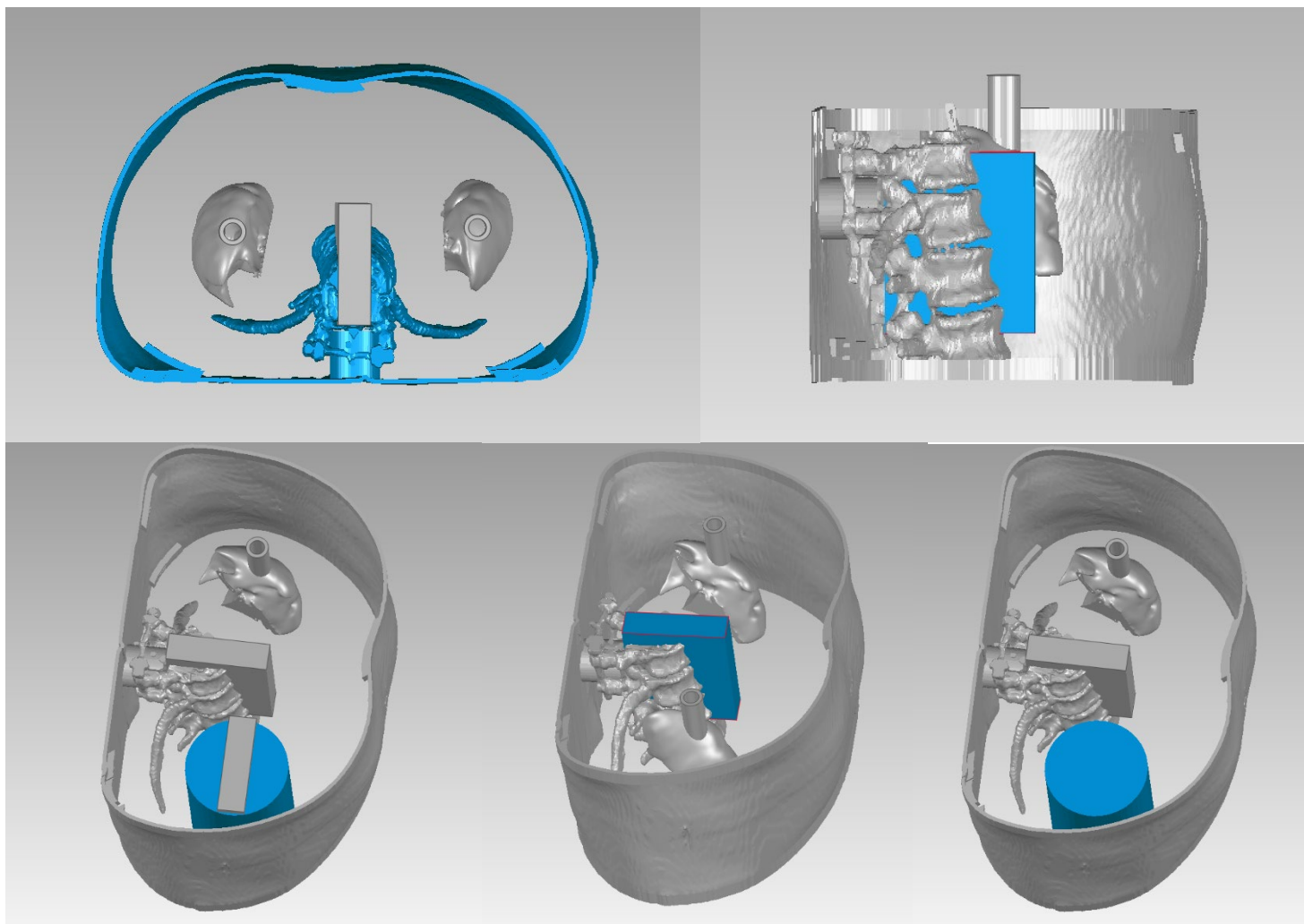


# Thorax/Abdomen – Customized SBRT phantom – Lung measurements



## **The Phantom includes:**

- 3D printed left lung. Fixed inside. Empty.
- 3Dprinted right lung. Exchangeable.
- Film dosimetry cassette with 4 metal pins for registration purposes in Sagittal orientation; 80 mm x 145 mm (inner dimensions: 70 mm x 145 mm), material Real Water. Position: Vertebrae
- Film dosimetry cassette with 4 metal pins for registration purposes in 2 different orientations; sagittal or coronal: 80 mm x 145 mm (inner dimensions: 70 mm x 145 mm), material Real Water. Position: right lung area
- 3D polymer gel dosimetry insert combined with 3D dosimetry service: Cylinder of 160 mm height and Ø 80 mm (inner dimensions: 140 mm x Ø 74 mm), material glass. Position: right lung area
- Ion chamber/diode/diamond detector Fixed Position dosimetry insert: 120 mm plug of Ø 2mm. Position: right lung area