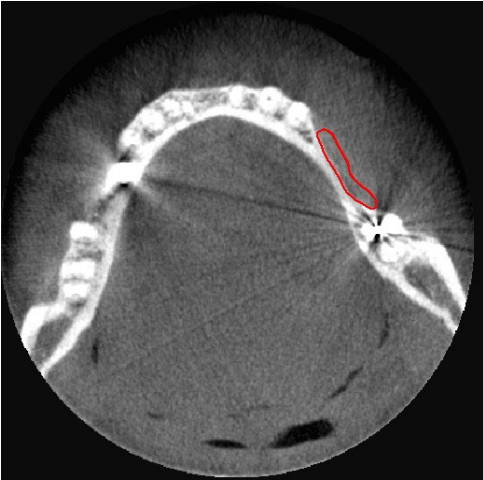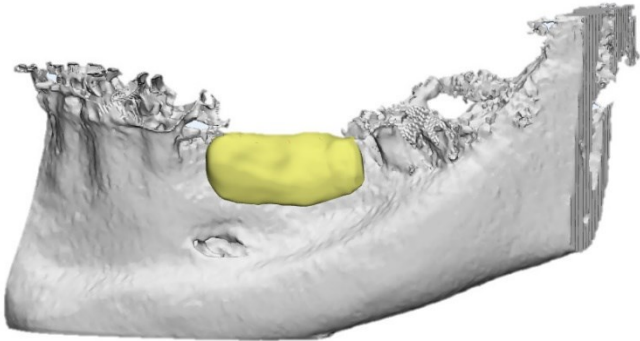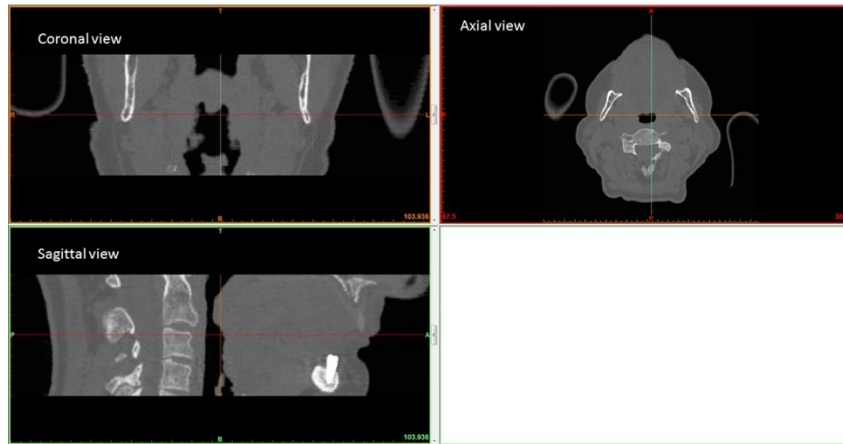# Supplementary Materials

Figure S1. clinical case #1, patient with hypodontia in the lower dental arch, highlighted in red.

Figure S2. clinical case #1, patient with hypodontia in the lower dental arch; 3D render model of mandibular bone with the design of the custom made SmartBone® on Demand™ graft.

Figure S3. case #5, custom-made SBoD grafts built bed-side, prior to implantation, to reconstruct the temporal and sphenoid bones of the skull which had been previously removed due to the tumor.

Figure S4. exemplificative clinical images converted and displayed by Mimics software, according to specific instructions regarding the orientation of the individual slices.