Attila Nagy, Ferenc Tóth, János Jarabin, Ádám Perényi, László Rovó, József Géza Kiss

Image reconstruction in the ENT praxis: a few interesting cases from audiology, otoneurology and facial surgery

Department of Otorhinolaryngology, Head and Neck Surgery, University of Szeged

We present selected cases that demonstrate how 3D Slicer can be used in the ENT praxis. Some are technically challenging, like multiple inter-subject registration for patient follow-up, some are interesting as teaching material that demonstrate rare anatomical or pathological conditions.

We also use 3D Slicer to plan selected surgical interventions so operations that are expected to be complicated can be carried out safer, quicker, and less invasive, so patient recovery can take shorter time.