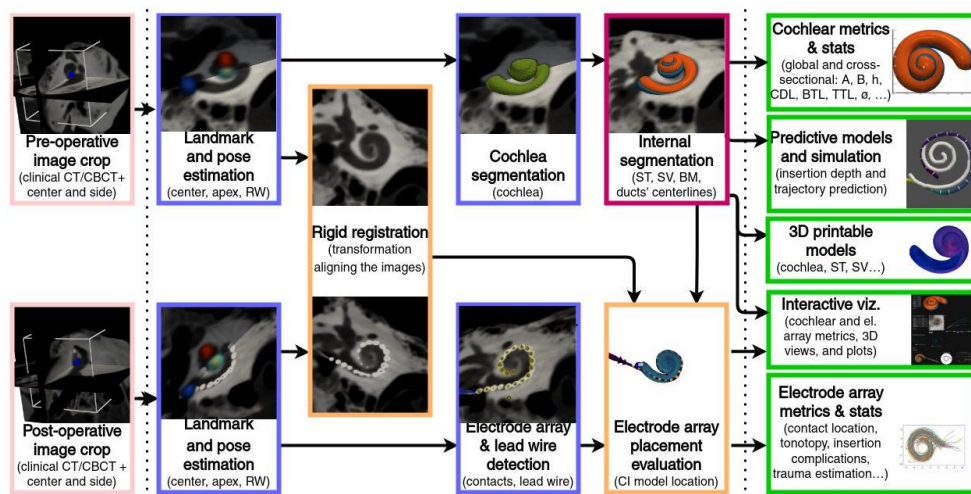


DEMO 3: Nautilus - cochlear imaging platform for large studies

In this demo we show Nautilus, our cochlear imaging platform built for processing data from large studies. Our pipeline is based on deep learning and traditional machine learning tools which help to process the pre- and post-operative cochlear images accurately and fully automatically.



Nautilus extracts accurate patient-specific 3D models of the cochlea and of the electrode array location within the cochlea. That allows us to compute relevant cochlear metrics (A, B, h, wrapping factor and ratio, rollercoaster, cochlear duct lengths, patient-specific frequency allocation, contact localization, trauma estimation, and many more).

The extracted data, including the 3D models can be exported for further analysis and reproduction of previous findings. Nautilus is available via any modern web browser. Get access or check out studies using Nautilus by scanning the QR codes on the side.



Write to us for access:
nautilus_info@oticonmedical.fr



Read more about Nautilus
and related research