

ORAL AND MAXILLOFACIAL SURGERY PLANNING

How a nerve was saved with VSI HoloMedicine®

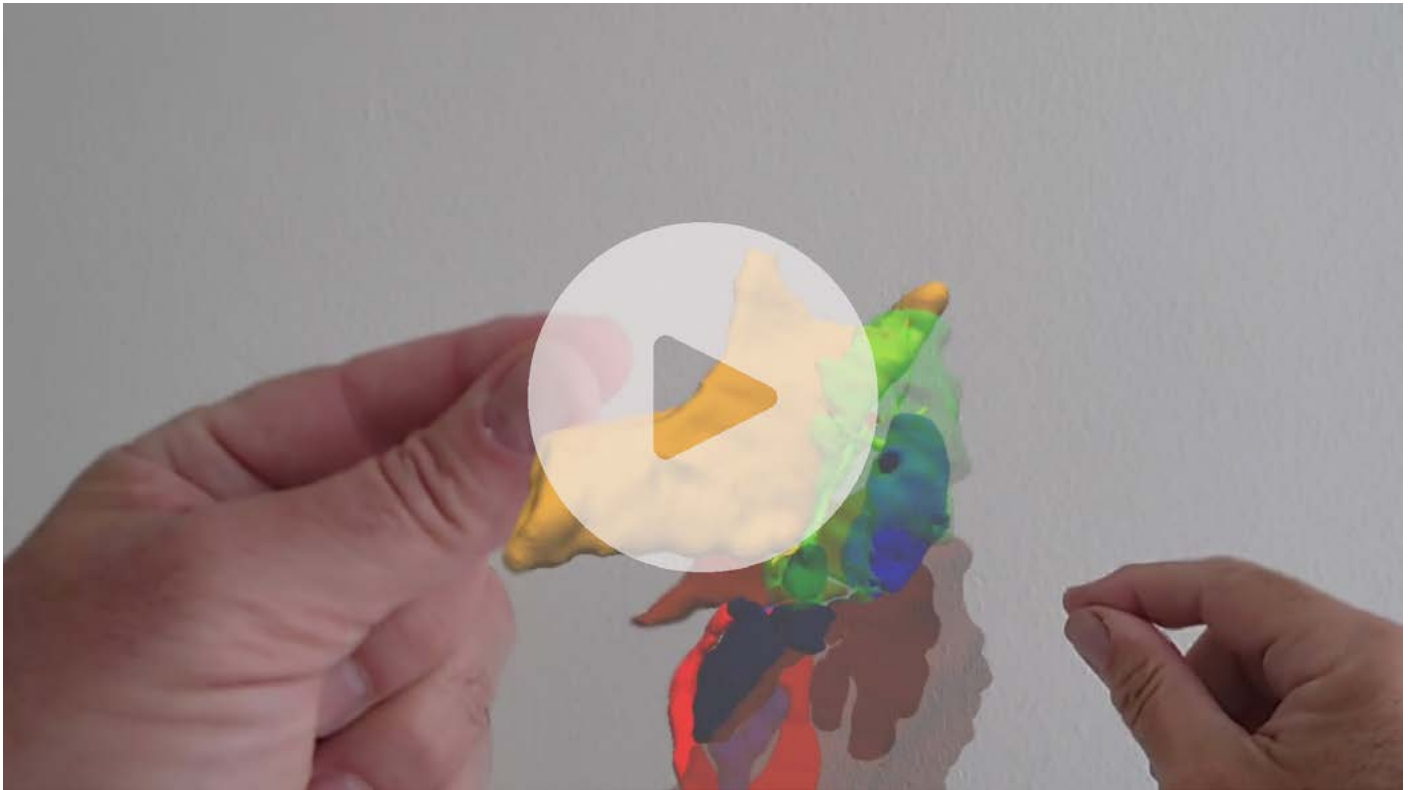


Figure: mandible with fixed hard malignant tumour

Case description: Here is a case of a lady with a **malignant tumour** that was clinically very challenging and we were considering sacrificing the facial nerve. But using the imaging that has been made possible through two innovative technologies we were able change the procedure: First the ability to trace a tiny facial nerve through the parotid gland by Dr Morley at UCL, which in the second step we combined with the apoQlar technology VSI HoloMedicine® to get these wonderful images (watch video) that are so easy to see and understand. This led us to replan the surgery and save the lady's facial nerve.

Benefits

- Observe bone and soft tissue structures from all perspectives
- Precise pathology recognition and more precise diagnostics
- Clear localisation and improved surgical planning



„The three-dimensionality of VSI HoloMedicine® helped me to recognize that the tumor was not located in the facial nerve, as originally assumed. This changed the conditions for surgery enormously and demonstrates the importance of this technology for the future of medicine.“

Prof. Dr. Mark McGurk
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