

POSTER PRESENTATION: Implant retention of facial prostheses: challenges and solutions.

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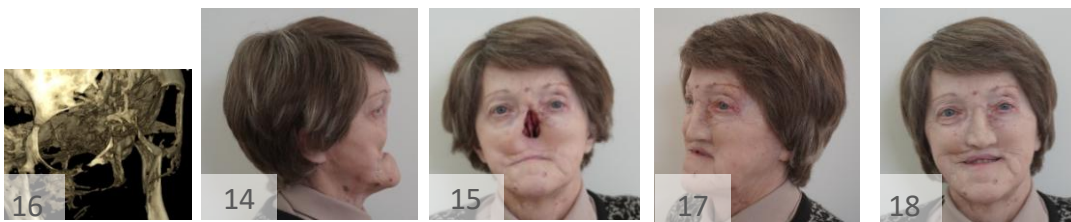
Saint-Petersburg, Russia

Case 1: wrong fixture positioning



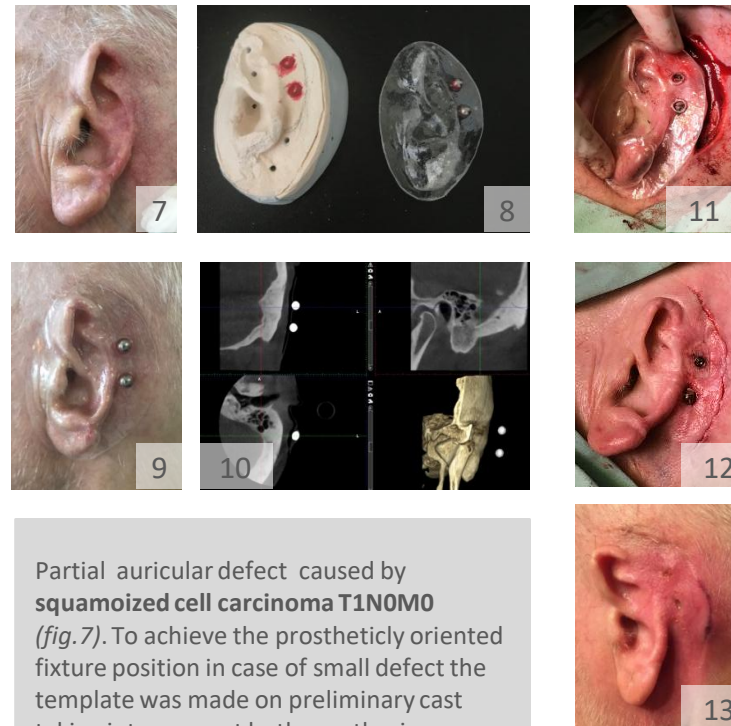
Combined facial defect resulting after **arteriovenous malformation** (fig.1,2). Five Vistafix extraoral implants were placed according to bone conditions. Unfortunately, the correct positioning of artificial eye was impossible due to wrong position of the fixture (with suprastructure) located in medial aspect of supraorbital rim (yellow arrow fig.4). The suprastructure was unfixed and this fixture wasn't used for retention in order to achieve appropriate artificial eye placement and better aesthetic result (fig.3,5,6).

Case 3: impossibility of implant insertion



Patient demonstrated total nasal defect including frontal aspect of maxilla resulting after **basal cell carcinoma** and total adentia (fig. 14,15). The patient suffered multiply basal cell carcinomas located in other regions and multiply fractures. The attempt to insert two fixture was unsuccessful due to inadequate amount and extremely poor quality of bone surrounding the defect (fig. 16). Despite this, patient was supplied with nasal prosthesis (adhesive retention) and dentures (fig. 17,18,19).

Case 2: inflammation of peri-abutment tissues



Partial auricular defect caused by **squamoized cell carcinoma T1N0M0** (fig.7). To achieve the prosthetically oriented fixture position in case of small defect the template was made on preliminary cast taking into account both prosthesis configuration and amount of bone for implant insertion (fig.8,9,10,11). Inflammation of peri-abutment tissues was detected within two weeks after surgery. Abscess was successfully drained and treated (fig.12,13).

«An expert is a person who has found out by his own painful experience all the mistakes that one can make in a very narrow field.»

Niels Bohr