

Reconstruction of calvarial defects

The treatment of especially complicated calvarial defects – e.g. cases where there have already been multiple attempts at reconstruction – is a specialty of the department. We like to use titanium implants, which are inert and thus resistant to infection. The implants are computer-designed and thus fit without further corrections.

In special cases expanders are used to stretch the skin so that it will be easier to close it together with the implant later on.

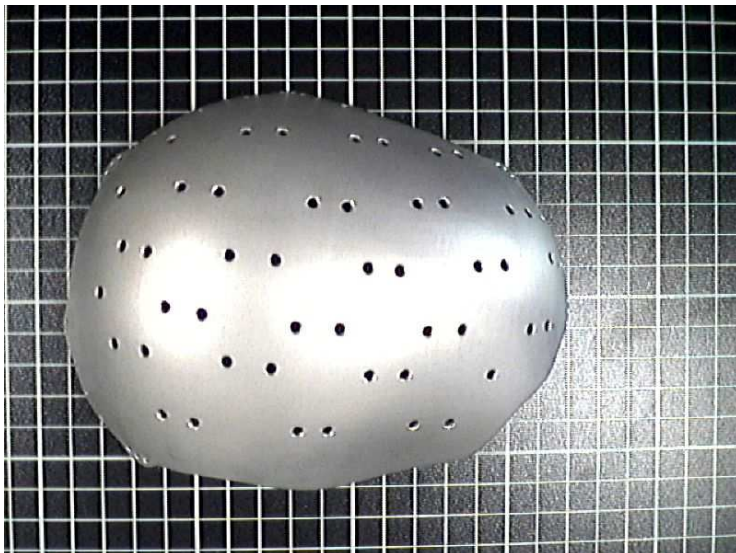


Fig.: A typical titanium implant as a replacement for the calvarium. The perforations facilitate the drainage of secretions and are later covered by tissue ingrowth.