

# How to avoid the blemish after craniotomy

prosthesis custom made "shimmed", customized, for the functional and aesthetic intraoperative correction , with the aid of silicone mold SKULLPTURAS.

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State of the art of the Cranial Custom Made Prosthesis

- 1)import and segmentation of CT images;
- 2)design of the prosthesis in CAD;
- 3)construction of a prototype, silicone mold realization to obtain the prosthesis



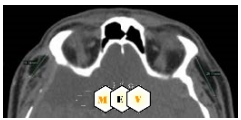
## PROBLEM

Often, **discomfort** of the presence of a sinking in the fronto-temporal (pterial) area.

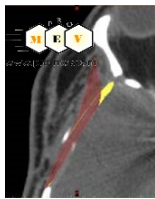
**No erroneous design** but the result of the **atrophy of the temporalis muscle**, often underestimated or not considered worthy of attention.

## SOLUTION

The solution is to design, in close collaboration with the neurosurgeon, a cranial prosthesis "custom made Thick" that can fill the absence of the temporal muscle.



Atrophic Temporal muscle



Shimming of the custom prosthesis

