

Cranial Plate | Case Study

The Problem

- Poor Anatomical Fit
- High Complication and Infection Rates
- Tissue Damage (Exothermic Reaction)
- Intraoperative Time Costs

The Solution

Additive manufacturing (metal 3D printing) in Titanium, cranial plates provide exceptional, patient-specific anatomical fits, drastically reduced surgery times, and superior cranial protection.

The Impact

- Patient-Specific Fit
- Osseointegration & Healing
- Reduced Surgery Times
- Thermal Comfort



Customizable porous structures promote bone integration while providing the high strength-to-weight ratio, durability, and biocompatibility necessary for long-term cranial reconstruction.