

# Laser-sintered surgical devices correspond to the medical standards

## Devices in plastics with EOSINT P

### Requirement:

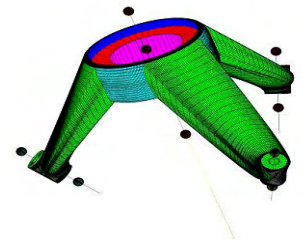
- individual (bespoke) surgery fixtures in minimum of time

### Solution:

- Laser-sintering with EOSINT P 380<sup>i</sup> using PA 2200 (Nylon 12)
- sterilization via parylene coating allows use during surgery

### Result:

- higher mobility of the patient and improved accuracy compared to traditional solutions
- higher number of tools can be positioned at a time
- lower cost per part



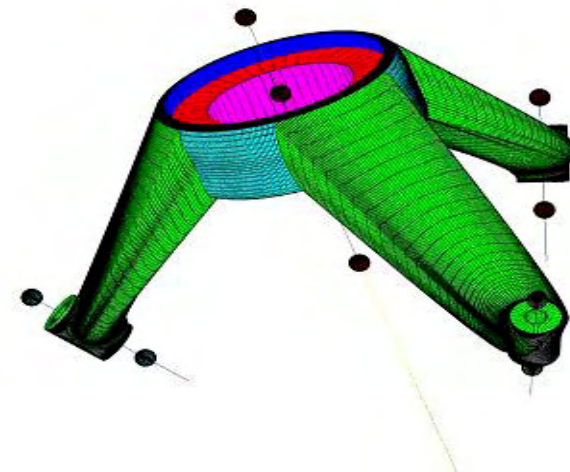
Laser-sintered surgical device: STarFix

Project partner: 

# With the laser-sintered medical device the most different operations can be carried out

## Devices in plastics with EOSINT P

- Over 200 laser-sintered surgical fixtures used for neurosurgery and orthopedics
- Applications:
  - Implanting deep brain stimulating electrodes
  - Brain tumor biopsies
  - Spinal fixation and deformity correction
  - Orthopedic and maxillo-facial (complex fracture plating and repair, prosthetic implants)



Project partner: 