OssDsign Cranial PSI Accessories are a collection of devices intended to support the placement and fitting of OssDsign Cranial PSI. Each accessory is a patient-specific device created for the patient’s unique anatomy, using patient specific CT data and 3D printing. All devices are additively manufactured from PA 2200 polyamide material.

**Anatomical Model Original (AMO)**
A 3D printed replica of the patient’s skull anatomy, providing visual and tactile orientation.

**Anatomical Model Modified (AMM)**
A 3D printed model of the patient’s skull anatomy with specifically removed anatomical regions, providing visual and tactile orientation.

**Plastic Drawing Guide (PDG)**
Perioperative surgical guide that facilitates placement and fitting of corresponding Cranial PSI by marking of bone intended for removal.

**Cranial Implant Trial (CIT)**
Perioperative surgical guide that supports placement and fitting of Cranial PSI by verifying proper implant fit, fixation point positions and soft tissue coverage.

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Always read the Instructions for Use which accompany the product for indications, contraindications, warnings and precautions.
ANATOMICAL MODEL ORIGINAL (non-sterile)
The Anatomical Model Original is a detailed representation of the patient’s current skull anatomy. The model is 3D printed based on the patient’s CT data and can be used during pre-operative planning to help the end user orientate the patient’s current bone anatomy, considering other structures in relation to the existing bone.

**Anatomical Model Original** is a representation of the patient’s skull, providing anatomical orientation and guidance.

ANATOMICAL MODEL MODIFIED (non-sterile)
The Anatomical Model Modified is 3D printed based on the patient’s CT data, with specific anatomical regions removed according to discussed arrangements. The model can be helpful during pre-operative planning to visualize discussed arrangements such as removal of a specific region of interest or placement of corresponding Cranial PSI fixation arms.

**Anatomical Model Modified** in a sagittal section, here highlighting the fixation arm marker.

PLASTIC DRAWING GUIDE (delivered sterile)
Plastic Drawing Guide is a perioperative tool that facilitates a precise and pre-planned bone resection. By assisting the user in creating the desired cranial cavity, it supports an accurate placement and fitting of OssDsign Cranial PSI. The outer perimeter of the corresponding Cranial PSI is specifically designed to fit the bone resection facilitated by the Plastic Drawing Guide. Each device is 3D printed and patient-specific.

**Plastic Drawing Guide** facilitates bone resection, allowing for an optimal implant fit. The devices are marked to help the user orientate the device, indicating the anterior direction.

CRANIAL IMPLANT TRIAL (delivered sterile)
Cranial Implant Trial is a replica of its corresponding OssDsign Cranial PSI in terms of shape and curvature. It is placed into the cranial cavity to confirm the corresponding Cranial PSI’s implant fit and soft tissue coverage without having to break the sterile barrier of the actual implant. The location of each Cranial PSI fixation arm is marked on the trial and helps to determine if further dissection of tissue is needed to accommodate proper fixation of OssDsign Cranial PSI. The device is supplied with every Cranial PSI shipment.

**Cranial Implant Trial** allows for surgical precision and prediction with proper orientation due to the predesigned markers.