Customized Surgical Solutions.
Planning service and patient-specific products for maxillofacial surgery.

Execution of pre-planned procedures in the OR

Reduced surgery time

Informed clinical decisions with the aid of computer-assisted planning
**Customized Surgical Solutions.** Planning service and patient-specific products for maxillofacial surgery.

**Surgeon Workflow**

**Customized Surgical Solutions** is a platform that combines the ProPlan CMF planning software and a wide variety of planning services and patient-specific products.

**Interactive virtual planning software**
- Collaboration with the surgeons, empowering them to make critical clinical decisions preoperatively
- Simulate skeletal osteotomies for harvest and relocation sites

**Experienced clinical design team**
- Live interactive sessions with a knowledgeable support team to assist the virtual planning

**Osteotomy guides and anatomical models (surgical kit)**
- Tactile representation of the patient anatomy and condition
- Guides are labeled for proper positioning and orientation
- Enable accurate transfer of the virtual plan to the operating room

**ProPlan CMF – Technology for precise and accurate planning**
- User-friendly software
- Allows for preoperative visualization of the patient anatomy and condition
- Simulation of the skeletal osteotomies and reconstruction
- Improved communication between patient and surgery team

**Synthes**

Customized Surgical Solutions
**Patient-specific intraoperative guidance systems**
Enable accurate transfer of the surgical plan to the operating room, resulting in:
- Reduced OR time
- Accurate implant placement

**Anatomic models**
Help to improve communication with the surgical team and patient
- Tactile representation of the anatomy or plan for surgical simulation and communication to the patient.
- Select from three (3) types of anatomical model materials to meet your specific need:

<table>
<thead>
<tr>
<th>Anatomic model</th>
<th>Acrylic</th>
<th>Polyamide</th>
<th>Plaster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sterilizable</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Highlight tooth roots and nerves</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Ability to cut model</td>
<td>●</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Accuracy</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
</tr>
</tbody>
</table>

**Instruments**
Synthes offers guides and splints designed to assist with osteotomies and accurately transfer the preoperative plan to the surgical site. Choose from:
- Distraction guides
- Orthognathic splints
- Graft harvesting guides
- Mandible and midface resection guides
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Procedures
Planning services and instruments are available for the following procedures:

- Mandible reconstruction
- Midface reconstruction
- Distraction osteogenesis
- Orthognathic surgery

Getting started
You can order our services through an easy to use online ordering platform or by contacting your Synthes representative. After the initial registration you will be able to submit the request for our services and upload the CT images of your patient.

For more information and order request, go to www.SynthesCSS.com

Ordering Anatomic models
Bone models based on CT data can be ordered through an online ordering process or by submitting the bone model request/order form to Synthes. The order form can be obtained online or from your Synthes representative. Please follow further instructions provided in the form.