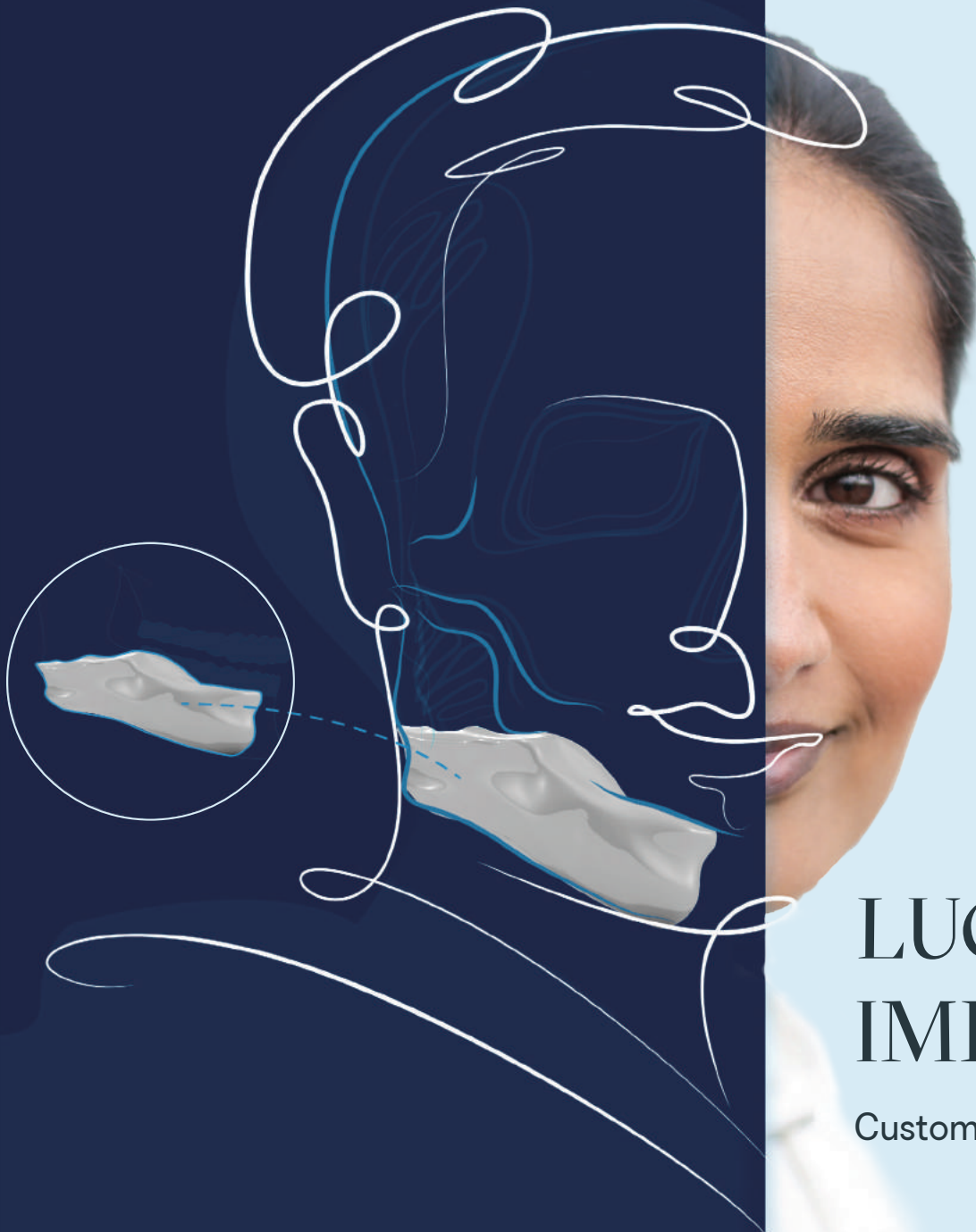


3DEXPERIENCE® Lab

By  DASSAULT SYSTEMES



LUCID IMPLANTS

Custom Implant Solutions

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Custom Implant Solutions

Virtual Planning / Anatomical Models / Surgical Guides / Custom Implants



Excellent
Clinical Outcomes

- Reduced OT time
- Fewer Post-op Issues

Superior
patient satisfaction

- Bone Preservation
- Better Fit and Function

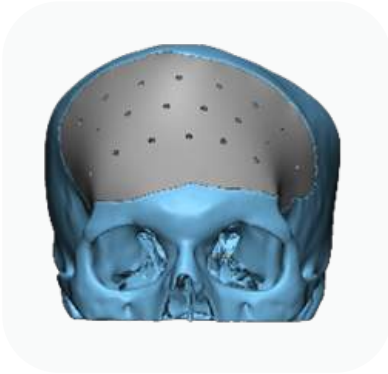
Low
Cost of Care

- Faster Recovery
- Shorter Hospitalization

PATIENT-SPECIFIC SOLUTIONS

Virtual Planning

Immersive Experience



Benefits:

- Simulate osteotomies and bone movements
- Higher accuracy planning to reduce patient risk
- Transfer digital plan to surgery with guides & models
- Identify potential problems in plan prior to surgery

Outputs:

360° Plan View

PDF

Anatomical Models

Make the Complex Simple



Benefits:

- Detailed representation of the bony structures
- Increased patient understanding and satisfaction
- Detailed 1 : 1 replica and 360° view of the anatomy
- Excellent workability for a realistic planning

Materials:

Transparent Resin

PLA

Surgical Guides

Highest Precision



Benefits:

- Accurate tumour resection & high accuracy
- Greatly lowered risk of infection and complications
- Drastically reduced theatre time resulting in less invasive, flapless surgery

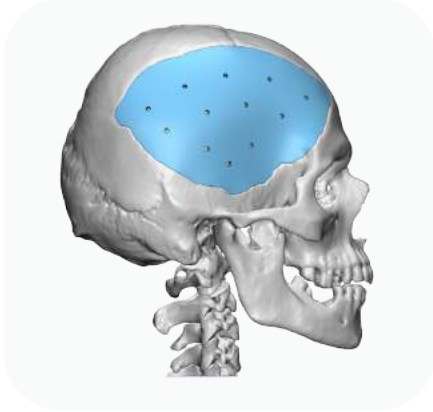
Materials:

Transparent Resin

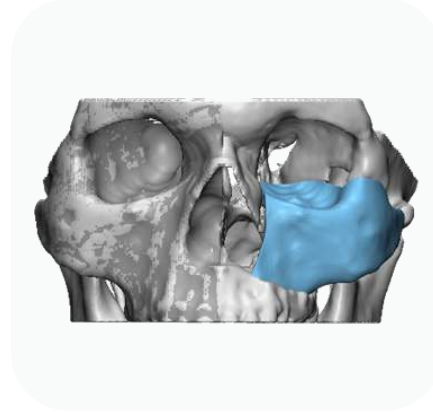
PEEK

Custom Implants

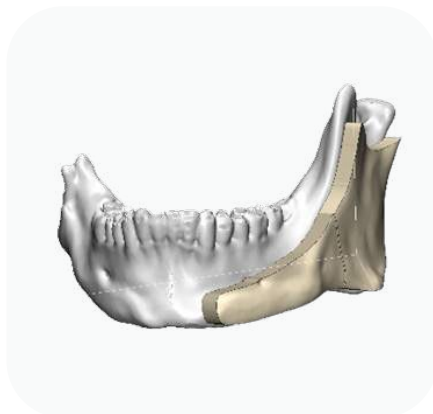
Uncompromised Fitment



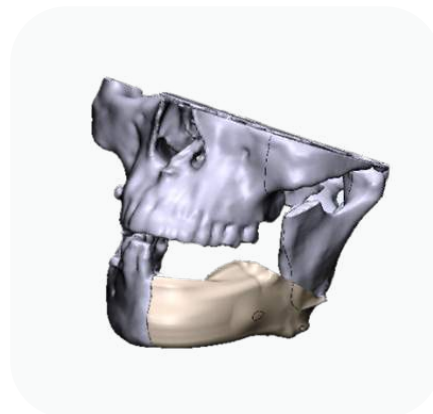
Cranial Plates



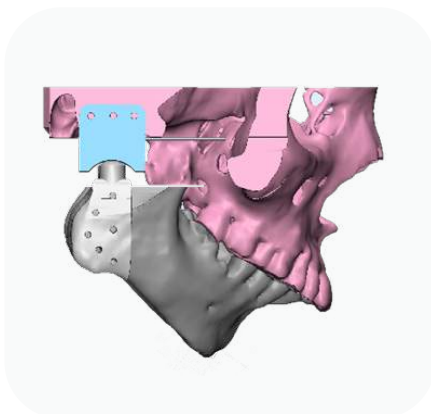
Mid-face Implants



Overlay Grafts



Mid-face Implants



TMJ Implants

Benefits:

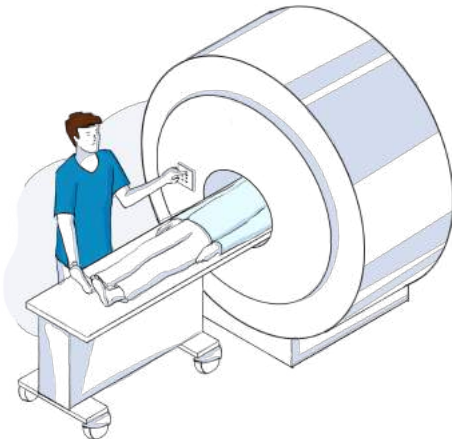
- Complete design freedom
- Biocompatible & Radiolucent
- Allows intraoperative modifications
- Light weight, high strength & stability

Materials:

PEEK

Ti6Al4V

HOW DOES IT WORK?



1. Scan

Please send us the CT/MRI scan files (DICOM) of the patient in compressed format to cases@lucidimplants.com

Make sure to follow the instruction given below:

Estimated Time: 1 day

Step 1 : Insert CD

Step 2 : Locate and right-click "DICOM" folder and save as .ZIP file.

How to Save DICOM as a .ZIP folder:

Windows: Right Click folder > Send to > Compressed folder > Agree to place on desktop
Mac: Right Click folder > Compress "[Folder Name]" > Agree to place on Desktop

Step 3: Once DICOM folder is in .ZIP format, attach files to email.



2. Plan

The 2D patient scan is refined, and a 3D data-set is created for 360-degree visualization.

Our engineers design the customized implant and/or surgical guide and/or anatomical model in 3D space, which is further sent to the surgeon for approval.

Estimated Time: 1 - 2 days

3. Print

Once the design is approved, the customized implant and/or surgical guide and/or anatomical model is fabricated using 3D printing technologies and post-processed.

Estimated Time: 2 - 4 days



4. Assure

The implant, along with the anatomical model and/or surgical guide, goes through rigorous quality control stages in compliance with the requirements of the ISO 13485 and is shipped.

Estimated Time: 1 day



5. Surgery

Accurately remove/correct the defect using the surgical guide and place the custom implant.

Estimated Time: 1 - 8 hrs



 If you need assistance, please call our office at +91 - 99230 80976



Meticulous Planning Masterly Execution

Lets make a plan →

saving and improving lives

by providing value-based surgical solutions



BEFORE SURGERY



AFTER SURGERY



Trusted by leading surgeons & hospitals



FOR FURTHER INFORMATION
CONTACT US

MOBILE

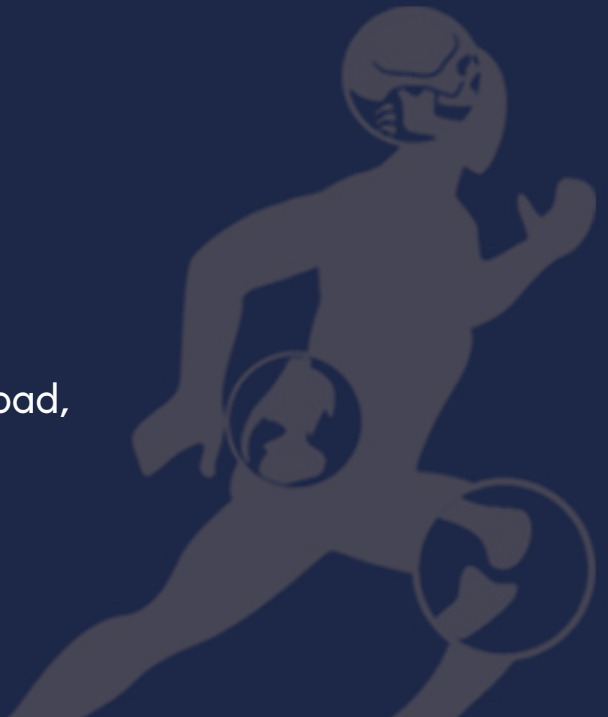
(+91) 99230 80976

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