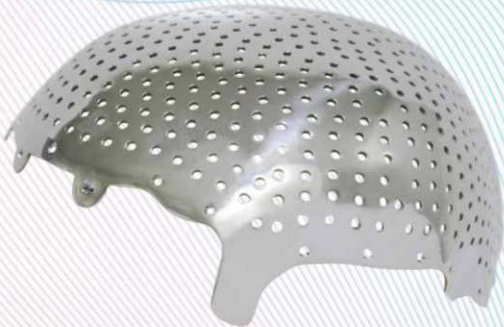


INCREDIBLE

ADDITIVE MANUFACTURING

Redesigning Life...



ULTIFITTM 3D

CUSTOMIZED CRANIAL IMPLANT

A Passion For Helping Patients

Every patient is unique and at 3D Incredible we believe that every patient should get individualized care, especially when it comes to implants.

Therefore, we provide **patient-specific implants** and services to assist surgeons in helping individual patients in the best possible way.



About Us

Incredible AM Pvt. Ltd. (3D INCREDIBLE) is India's leading additive manufacturing solution provider with its state-of-the-art CERTIFIED FACILITY in Pune.

3D Incredible provides a complete range of solution for its Medical and Dental applications.

The facility is designed and built as per FDA requirements and is equipped with class 10,000 clean rooms too.

Incredible is a venture of Industrial Metal Powders (I) Pvt. Ltd., Pune. IMP, established in 1974, which is the world largest manufacturer of high purity iron powder. IMP is highly awarded and ISO certified company.

They are a global supplier exporting more than 32 countries.

It has employed a Quality Management System which confirms to **ISO 13485 & ISO 9001** standards.

3D Incredible has an experienced team of professionals including engineers, designers, biomedical engineers and doctors to ensure that the customer gets the best results, high quality and complete customer satisfaction. 3D Incredible is a SCAN TO IMPLANT complete solution provider.



Our Process

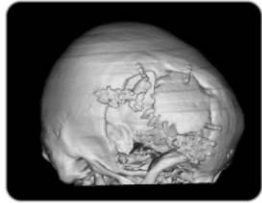


Software & Designing Process

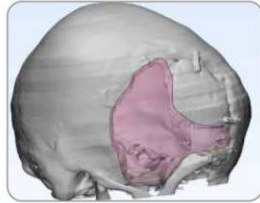
Our strength is implant designing process to attain precise complex implant structures with highest strength and stability. We use USFDA and CE approved licenced software.

◆ Materialise Mimics
◆ 3Matics
◆ Magic
◆ Quant AM
◆ NX- Siemens

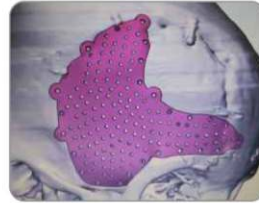
At 3D Incredible, we use patented* design specifications to design **ULTIFIT^{3D}** Customized Cranial Implant which ensures perfect fit for every unique cranial defect.



Defect image



Surface Design



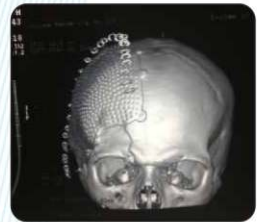
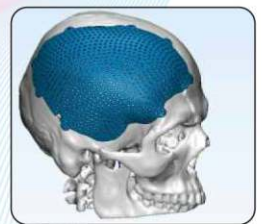
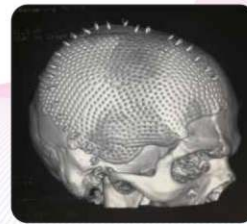
Implant Design



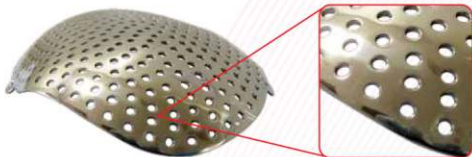
Actual Implant

Benefits & Features of **ULTIFIT^{3D}**

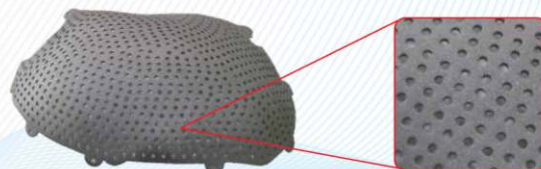
- ◆ Easy to use
- ◆ Perfect Fit
- ◆ Strong and Stable Protection
- ◆ Complicated surgeries can be planned conveniently
- ◆ Excellent Aesthetic Look
- ◆ Faster Recovery
- ◆ Anatomy models & Cutting Jigs
- ◆ Reduced operating time compared to traditional reconstruction methods that require extensive contouring



Mirror finish and Mat Finish



Mirror finish



Mat finish

Complex design, Contours and Curves for better Aesthetic

Material-Ti6Al4V-ELI Alloy
Biocompatible,
ASTM F136-13 Compliant

2mm even space low thermal conductivity



Flange in Different shape and Design

0.7 mm to 1.2mm Thickness

Countersunk Hole



- ◆ Screw Length Prediction and Pre-Visualization of screw trajectories to ensure a collision free construct.
- ◆ Planing of screw hole position while designing.

Regulatory Approvals

Incredible AM Pvt. Ltd. is **India's 1st ISO 13485 and ISO 9001** certified company for manufacturing of patient specific implant using 3D metal printing
 As per Sr. No.1, (Schedule VIII, Medical Devices Rules, 2017), custom made medical devices are exempted from all provisions of Chapter IV & Chapter V of Medical Devices Rules, 2017 in India.

Quality Validation



TENSILE TESTING



BIOBURDEN TEST



DENSITY MEASUREMENT TEST



BIOLOGICAL EVALUATION TEST



STABILITY TEST



CHEMICAL ANALYSIS TEST



Why Choose 3D Incredible



Team of Experienced Engineers & Medical experts



World Class State-of-the-art Manufacturing Setup ISO 13485 and 9001 Approved facility



Ultra modern software designing lab



Quick turn around time



Competitive Pricing



Healthcare Finance Available in Association with Health Fin
 Please contact ☎ 70307 60760

Designing Software supported By



Plant Address:

Gat No. 699/1, Koregaon Bhima, Behind Kalyani Forge, Pune-Nagar Road, Taluka Shirur, Pune - 412 216, Maharashtra INDIA.

Pune Office Address:

G/S/11, Paresh Industrial Complex, Premises No. 45/2A, Gultekadi, Pune - 411 037.

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