



# An innovative approach to Smart Surgery

A comprehensive platform for personalized  
pre-operative planning and case management.



## Interactive Surgical Planning

Experience real-time, collaborative surgical planning with high resolution 3D visualization. Streamline communication between surgeons and engineers, ensuring precision with every case.



## Pre-Operative & Post-Operative Visualization

View 3D models in pre-surgical and post-surgical conditions to assess anatomical models before and after surgery, ensuring optimal outcomes and enhanced decision-making.



## Data Security

HIPAA/GDPR-compliant data security ensures patient privacy while maintaining seamless access to critical information.

## Admin View

Surgeons							Actions	
	Name	Username	Role	Email	Mobile	Status	Action	Action
<input checked="" type="checkbox"/>	Dr. Tejaswini Patel	tejaswini.patel01	Surgeon	tejaswini.patel@gmail.com	9899999999	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
<input checked="" type="checkbox"/>	Dr. Kishore Patel	kishore.patel02	Surgeon	kishore.patel@gmail.com	9899999999	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
<input checked="" type="checkbox"/>	Dr. Tejas Patel	tejas.patel03	Surgeon	tejas.patel@gmail.com	9899999999	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
<input checked="" type="checkbox"/>	Dr. Jay Pragpatil	jaypragpatil02	Surgeon	jaypragpatil02@gmail.com	9899999999	Active	<a href="#">Edit</a>	<a href="#">Delete</a>

## Sales View

A screenshot of the Dr. Jay Preop software interface. On the left, a vertical toolbar contains icons for file operations, zoom, and various medical tools. The main workspace shows a 3D rendering of a human skull. In the center, a modal dialog box is displayed with the text "Please confirm your password" and a password input field. Below the input field are two buttons: "Submit" (orange) and "Cancel" (grey). A red callout box with the text "ALP" is positioned over the "Submit" button. A red arrow points from this callout to a blue circular icon with a question mark, which is labeled "Please verify this". At the bottom of the screen, there are two large buttons: "Approve" (grey) and "Reject" (red). The status bar at the bottom of the screen reads: "Dr. Jay's 3d Viewer platform is pending CE and FDA verification. Current use in clinical settings is at the discretion of the clinical team.".

## Surgeon View

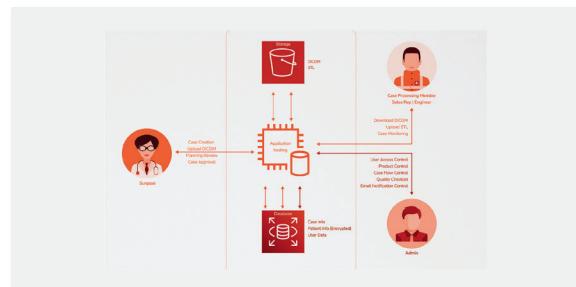
Cases		Search				Actions		Add New Case	
		Product	Surgeon	Status			Add New Case		
Search...		Product	Surgeon	Status			Add New Case		
Surgery Date Range	Product Code	Representative	Cancelled Case	Priority			Add New Case		
Assigned user	Search	Reset	Search	Reset			Add New Case		
High Priority	Medium Priority	Low Priority							
Actions	Case ID	Case Code	Product Code	Status	Product		Product		
	CASE356	Dem Case	Dem Case	Design Planning	Customised TH implant		Customised TH implant		
	CASE354	RT 2076	RT 2076	Surgeon Review	Customised Mandible Implant		Customised Mandible Implant		
	CASE353	N/A	N/A	Case Creation	Customised Mandible Implant		Customised Mandible Implant		
	CASE352	N/A	N/A	Case Creation	Customised Mandible Implant		Customised Mandible Implant		
	CASE351	ST UAT CASE089	ST UAT CASE089	Case Creation	Customised Mandible Implant		Customised Mandible Implant		
	CASE350	C011	N/A	Segmentation	Customised Mandible Implant		Customised Mandible Implant		
	CASE349	C011	N/A	Segmentation Review	Customised Mandible Implant		Customised Mandible Implant		
	CASE348	N/A	N/A	Surgeon Review	Customised Mandible Implant		Customised Mandible Implant		

## Engineer View



## Role Based Access

Empower your team with tailored permissions for surgeons, engineers, and administrators, ensuring the right people have access to the right tools at the right time.



# Rapid Development

Set up quickly with minimal disruption to your workflow. The platform integrates easily with existing systems, allowing you to focus on what matters: improving patient care.


Dashboard
MODULES
Case Master
Case List
Add New Case
All Cases Checklist
Schedule


Design Input

Case ID: CASE356
Status: Planning

Last Modified: K. Panthabhaan on 04-September-2024 18:59:50
Version: v8.1

Approver: K. Panthabhaan
Approver: Preethi Chidambaram

Print
Print

### Scan Received Quality Checklist

Case ID: CASE356

Analyst: Mani

Specimen Received: Operated Site

3DPM  Left  Right  Both

Specimen Received: Specimen

Specimen Received: Specimen

All Cases Checklists

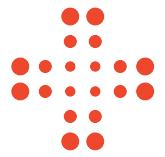
Actions	Case ID	Case Code	Checklist Name	Checklist Owner	Last Modified On	Status
	CA55364	1	Design Insta	K.Purushothama	2024-09-13 18:06:50	
	CA55390	2	Design Checklist	K.Purushothama	2024-09-13 01:24:28	
	CA55312	3	Segmentation Review Form	K.Purushothama	2024-07-21 09:30:07	
	CA55300	4	Segmentation Review Form	3d Surgical Aesthetic	2024-09-05 10:15:10	
	CA55278	5	Test Checklist 1	3d Surgical Aesthetic	2024-06-27 15:58:57	
	CA55278	6	Test Checklist 1	3d Surgical Aesthetic	2024-06-27 14:58:57	
	CA55276	7	Test Checklist 1	K.Purushothama	2024-06-26 13:47:20	
	CA56276	15	Test Checklist 1	K.Purushothama	2024-06-13 15:47:27	

Entries per page: 15



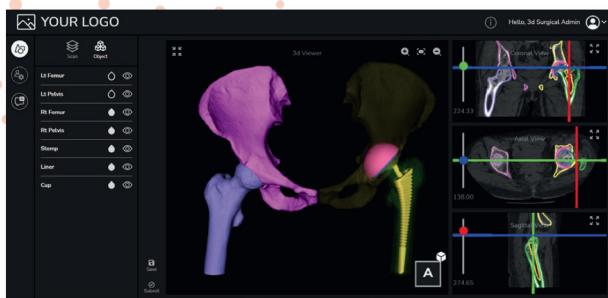
# Integrated Quality Management Checklists

Automate quality control with built-in checklists that align with regulatory standards, reducing the risk of errors and ensuring compliance at every step.

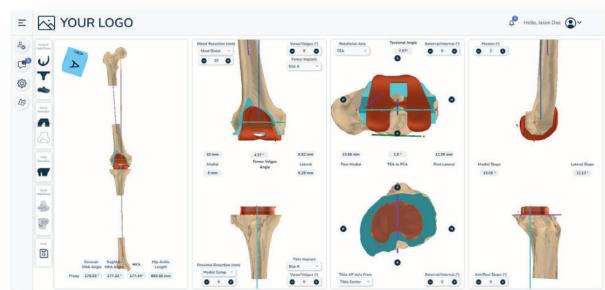


# MODULES

## DICOM Viewer



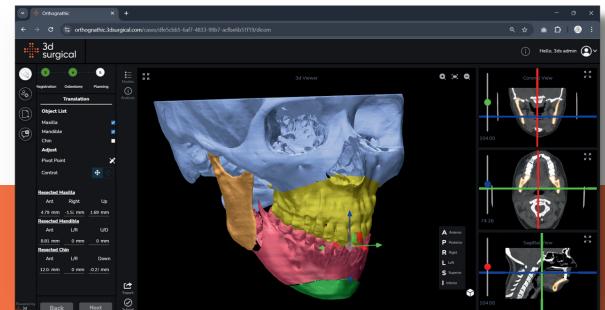
## Total Knee Replacement planning



## Mandible reconstruction using fibula



## Orthognathic planning



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Scan to connect



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