



All-in-one surgeon-operated platform
From planning to execution in minutes. Anywhere.



Surgeries are Generic, Manual and Prone to Errors

Heavily dependent on surgeon expertise and precision



- Majority of errors are human-errors
- Surgical outcomes variability
- Extended surgery time
- Risk of contamination
- Higher readmission rates

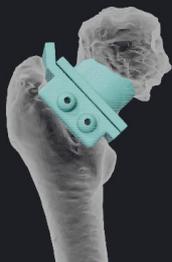
All surgeries involving the skeleton, including:
orthopedic, maxillofacial, cranial, spinal, and trauma procedures.

Personalized 3D-Printed Devices

Bringing computer-level precision into the Operating Room



Guides & Tools



Implants



Boost Precision



Mitigate Risks



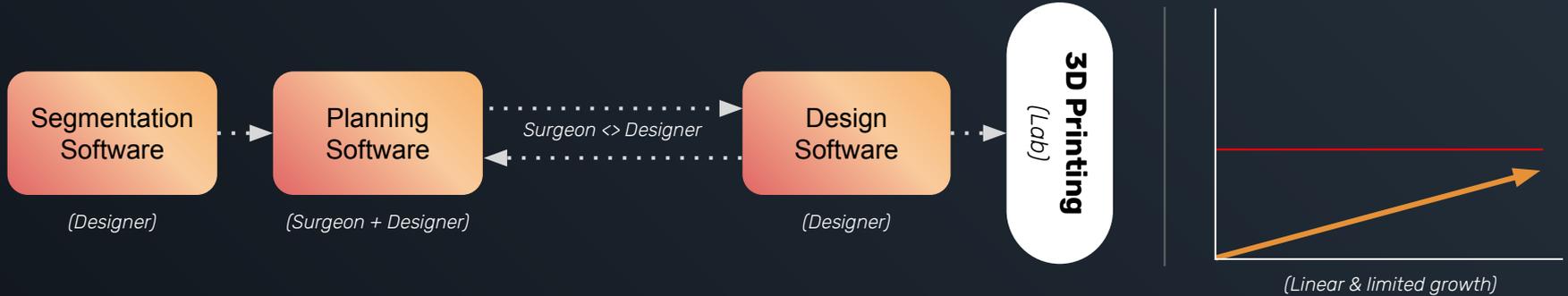
**Standardization
of Care**



**Decreases
Surgery Time**

The Personalization Paradox

Surgeons want tailored solutions – but current processes is slow, expensive, and don't scale



**Specialized
Designers**



\$1,500-\$3,500

Cost per Case



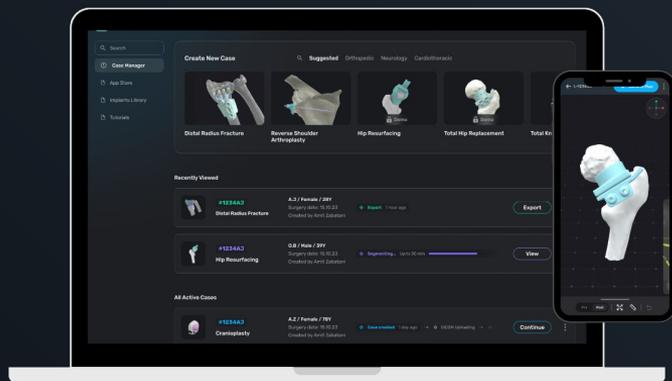
1 to 5 weeks

Per Case

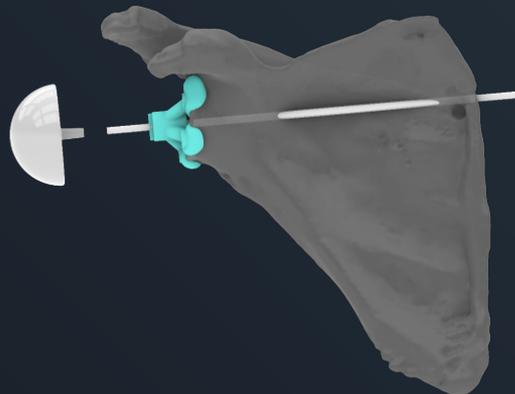
One-Stop-Shop for Personalized Surgeries

Surgeon-first, AI-driven and unified workflow for personalized surgical solutions

SOFTWARE



PERSONALIZED OUTPUTS



Any Surgeon

Zero Training



SaaS Fees

Monthly Subscription

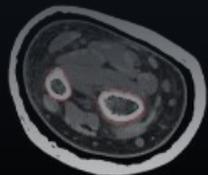


Real-Time

From Anywhere

From 2D to 3D Actionable Visualization

Converts traditional medical scans into actionable 3D anatomical models



Axial



Sagittal



Coronal



3D

Approve Segmentation

Meta Data



AI Powered Surgeon Co-Pilot

Assists surgeons in creating the perfect surgical plan in minutes

Back to Home | DRP-DEMO

Reduction

Surgical Plan

3D Design

Export

Radius
Right

Ulna
Right

✓ Confirm Reduction



AP

LATERAL

AXIAL

Pre Post



Automatic Guide and Implant Generation

Generate a ready-to-print file with just a click of a button

Back to Home | DRP - DEMO

Reduction

Surgical Plan

Psi Design

Export



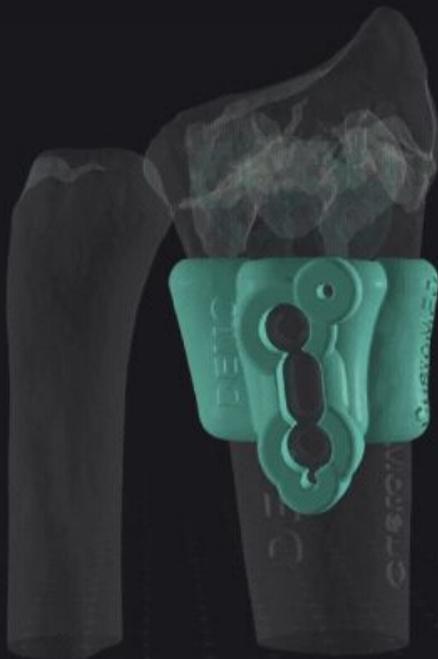
Radius
Right

Ulna
Right

Wrist Plate
DTDVS1

Psi

Export Selected Files



AP

LATERAL

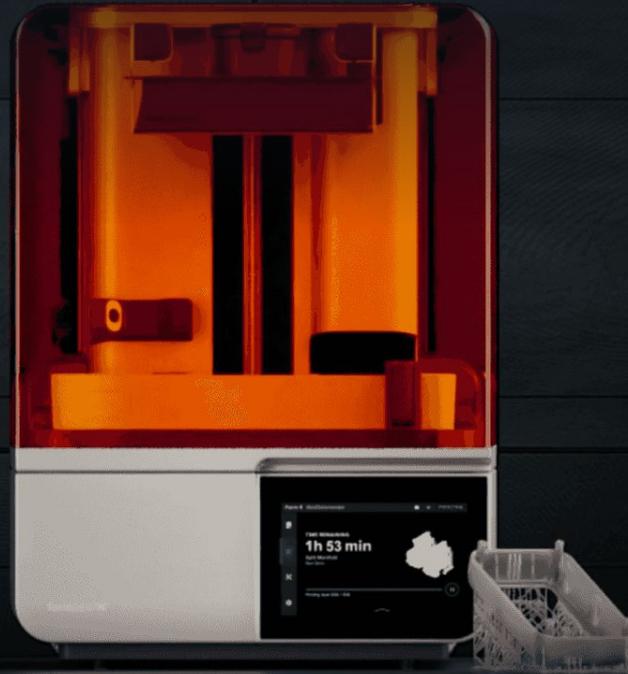
AXIAL

Pre Post



Print from Anywhere

Deliver personalized surgical tools in real time



\$25-\$50 (per case)

Printing cost / materials

\$9,000 (one-time)

Printer cost

1-2h (per case)

Printing time

FormLabs Form 4B or any 3rd-party printer and materials

Case Study: Market Penetration within 3 Months

Developed with experts, loved by surgeons, scaled organically

Reverse Shoulder Arthroplasty



Prof. Eran Maman



Pre-Op Plan



Generated PSI



Surgery



Post-Op

"At first, I didn't think it would help me since I'm very experienced and have been doing this for over 30 years. I thought it would be great for fellows instead. I was wrong. Now, I use it for all my surgeries, and I've gotten so used to it that it feels strange to operate without it."

Prof. Eran Maman

The Team

Medical, 3D and SaaS product specialists



Or Benifla Co-Founder, CEO

Industrial Designer & Lecturer,
Head of R&D of Sheba 3D Lab



Alon Jacobi Co-Founder, CPO

Human-Computer Interaction,
SaaS Product Expert, 8200 Alumni



Dr. Amit Zabtani Co-Founder, CMO

Orthopaedic Surgeon @ Mayo Clinic,
Founder of Sheba 3D Lab



Yun Nguyen CFO

Serial Business Leader,
CPA, IAF Pilot



Gal Cohen CTO

Mathematician and deep tech, specializing
in the medical field, Zebra Medical

Already Bringing Value to the Entire Ecosystem

Validated, revenue generating and ready to scale

500+

Successful Surgeries

50+

Active Surgeons

3

Strategic Partnerships

In progress

SYNERGY
med Personalized Healthcare

IL & Europe

RICOH
imagine. change.

US

LUCID

Asia

6

Medical Device Companies

Live Pilots

ADLER
ORTHO

Europe

NEWCLIP
TECHNICS

Europe

IC
implantcast

Europe

10+

Medical Centers

US + EU + Asia + Israel

SHEBA
Tel HaShomer
City of Health

Israel

Northwell
Health*

US

IQAEO

Mexico

Our Opportunity

A high-potential market awaiting innovation

**Current
TAM**

\$7B+

\$200-600
Guide / Implant

**Annual
Cases**

15M+

Relevant Surgeries
Worldwide

**Growing
Market**

5-7%

Increase in
Surgeries

**Medical
Centers**

136,000

6,000 US, 30,000 EU
+ 100,000 Asia

Sources: NIH, AAOS, WHO, Discovery (ABA) Therapy, AHA



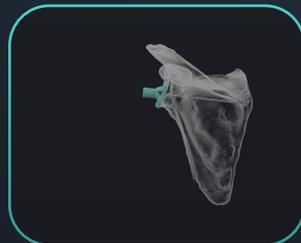
Hip Resurfacing



Cranioplasty



Total Hip Replacement



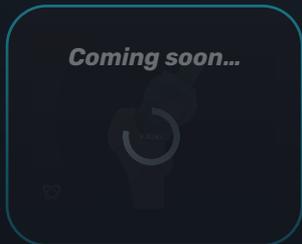
Reverse Shoulder Arthroplasty



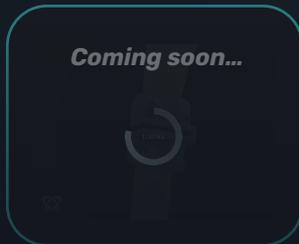
Distal Radius Fractures



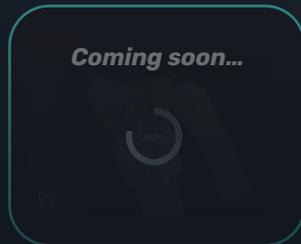
Total Knee Replacements



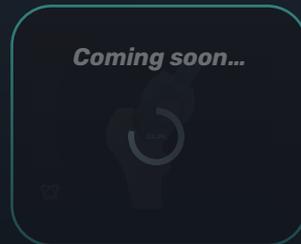
Deformities correction



Oncotherapy



Maxillofacial



Implants



Join our revolution of bringing personalized surgical excellence for all

Appendix

Our Vision

Scaling precision medicine from boutique to routine.

Global Standard

To make personalized surgery the global standard of care where every surgeon, in every operating room, can deliver precise, efficient, and patient-specific outcomes with confidence.

Goal

To empower surgeons with an AI-driven, end-to-end platform that transforms complex surgical planning into an intuitive, on-demand process.

By uniting 3D visualization, automated design, and point-of-care printing, we make personalized surgery faster, simpler, and accessible anywhere

Status (High level)

Getting sense of the impact

Clients

15

7 countries

**Contracted
Cases**

3.5K+

Various Surgery Types

ARR

500K+

Software + Printing

EOY Pipeline

390K+

Final Demo Stages

Runway

16

months at 230K
monthly burn rate

Status (high level)

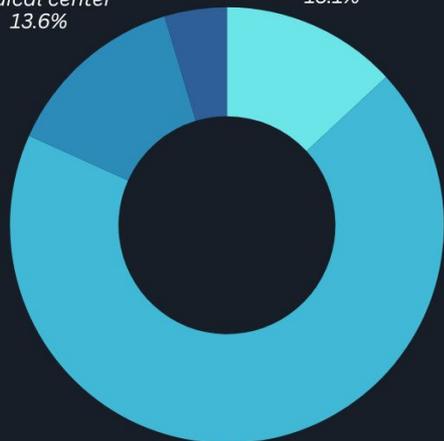
Getting sense of the impact

REVENUE (BY CLIENT TYPE)

Medical center 13.6%

Service bureru 4.6%

Distributor 13.1%



Medical Device company
68.6%

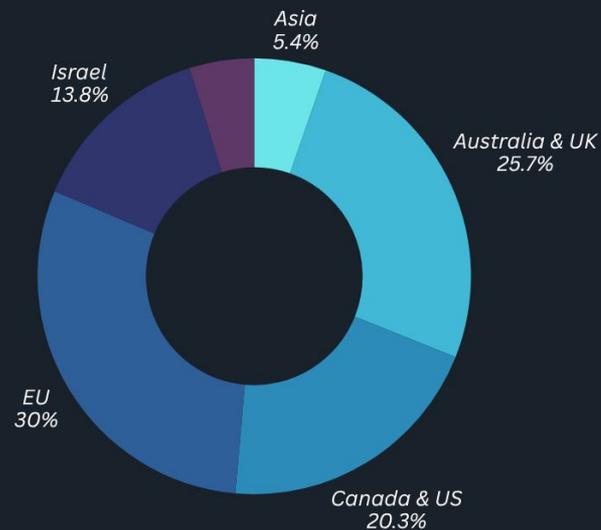
Software



Production



GEOGRAPHY



EU
30%

Canada & US
20.3%

Australia & UK
25.7%

Israel
13.8%

Asia
5.4%

Uniquely Positioned

The new standard of surgical execution

We are

We are not

**End-to-end
indication-specific Apps**

Medical Device Manufacturers



**Surgeon-first at Point of
Care**

Software for Lab Engineers



**Scan-to-Execution in
Minutes**

Outsourced Planning and Design Lab



AI-Powered

Pre-Op Planning Software



**Surgical Excellence at
Scale**

Visualisation and 3D Modelling Software



Uniquely Positioned

Delivering customizable precision at a fraction of the cost and at scale

	CustoMED	Robotics
Precision in Execution	Highest	Highest
Setup Cost	\$10,000	\$1-1.5 million
Cost Per Surgery	\$250-\$500	\$300-\$600
Surgery Duration <small>VS fully manual surgery</small>	70-80%	120-140%
Indication Coverage	Most orthopedic indications	Few relevant indication
Hospital Impact	All relevant surgeries	1 surgery at a time
Training & Adaptability	Low to none	High

Barrier to Entry

Hands-on experience and vast and growing data access



5+ years as a top medical lab operator with 500+ cases



Unlimited access to surgery rooms for R&D and surgeon collaboration



20,000+ CT/MRI data sets for rapid AI training



Unique team: healthcare, industrial design, UX, 3D tech, AI experts



Global network of 160+ leading hospitals (Sheba/ARC)



First-to-market with AI systems that improves with each case

Backed by Domain Experts and Industry Leaders

Advisory & Board



Avishai Abrahami

CEO and Co-Founder of Wix and angel investor.



Yoram Tietz

Senior Advisor for General Atlantic in Israel.
Chairman of the Sheba Friends Association.
Previously served as Managing Partner at EY.



Zeev Feldman

Former Deputy Commissioner of the Israel Income
Tax Authority and angel investor.

Medical Advisory



Dr. Roy Gigi

Director of the Service for the Treatment
of Complex Trauma Cases and Repair of
Limb Deformities at Dana-Dwek Hospital,
Ichilov.



Prof. Eran Maman

Senior Orthopedic Surgeon & Shoulder
Specialist, Shoulder Unit, Tel-Aviv
Sourasky Medical Center. Forbes-ranked
among Israel's Best Doctors.



Dr. Amir Arami

Head of Hand Surgery & Microsurgery,
Sheba Medical Center. Specialist in
Orthopedic, Hand, Peripheral Nerve, and
Microsurgery.



Nir Gilat

Co-founder & VP Orthopedic Division at
Gad Medical. General Manager, DePuy and
Synthes, Companies of Johnson &
Johnson

Current Indications

App | Reverse Shoulder Arthroplasty



Glenoid Plane Analysis
Baseplate Position
Components Alignment



Glenoid Tripod PSI



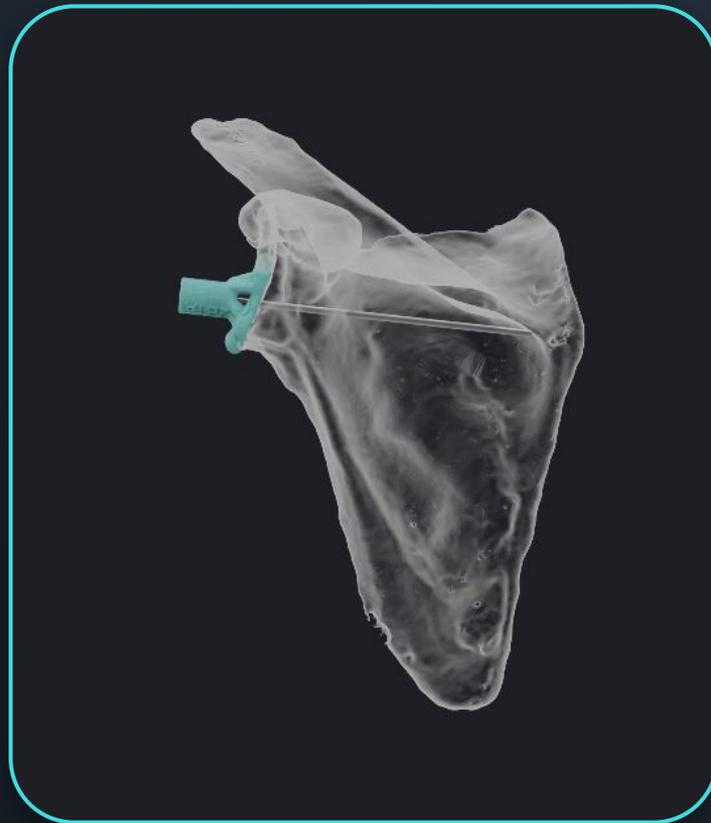
20% O.R Time Reduction



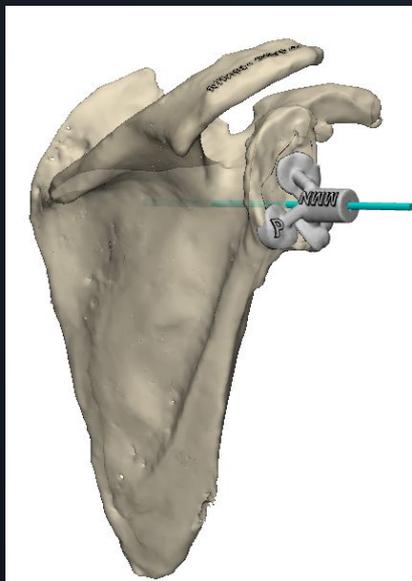
50% Cumulative Fluoroscopy Time
Reduction



Flow Confidence
Surgeon Specific Footprint
On Demand Schedule
Intuitive Interface



Images | Reverse Shoulder Arthroplasty



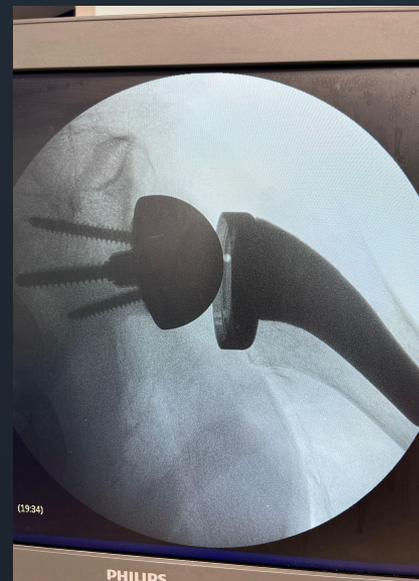
Pre-Op Plan



Generated PSI



Surgery



Post-Op

App | Cranioplasty



Preoperative planning with 3D model of Skull anatomy



Automatic creation of Press mold for Cement / Titanium Mesh.
3D printed PEEK implant ready to print



Less than 30 min of planning
Same day delivery* - scan to file



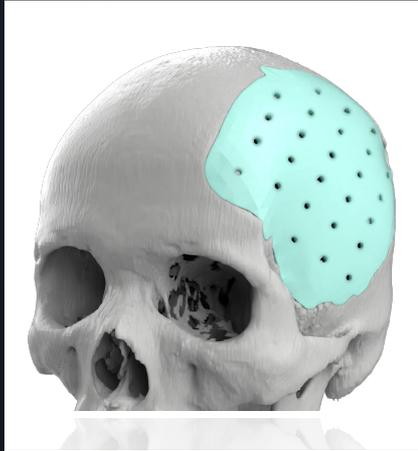
Surgeon specific Footprint
Adjustable boundary line, flange, and curvature



Flow confidence
On demand from anywhere
Intuitive interface



Images | Cranioplasty



Pre-Op Plan



Generated PSI



Surgery



Post-Op

App | Distal Radius Fracture



Fracture Analysis
Automated Fracture Reduction
Plate Positioning
PSI Modifications



Plates Library
Automated Screw Length



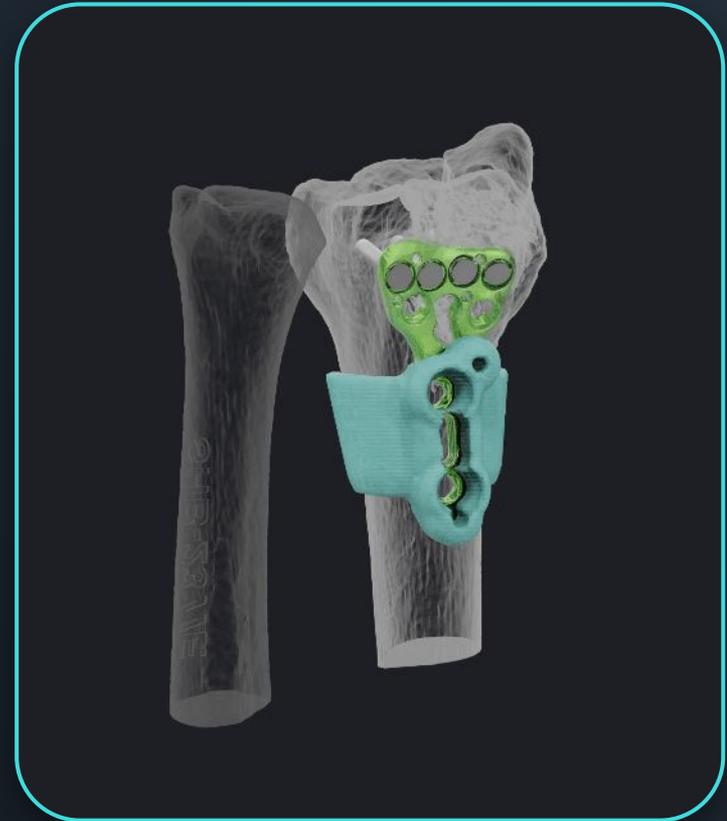
20% O.R Time Reduction



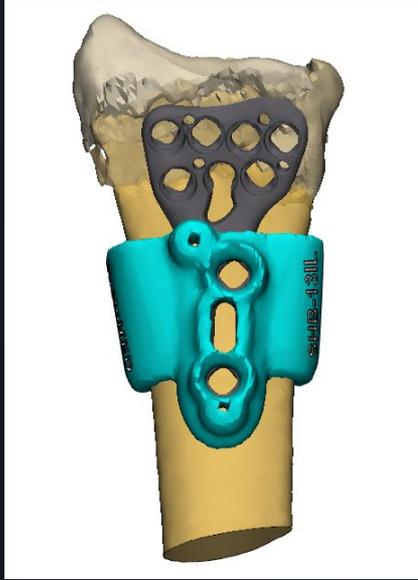
60% Cumulative Fluoroscopy Time
Reduction



Equipment waste



Images | Distal Radius Fracture



Pre-Op Plan
& PSI Generation



Surgery



Post-Op

App | Total Hip Replacement



LLD analysis
Components Sizing & Positioning
Anterior and Posterior Approach
Versions



Sliding Femoral PSI's
Posterior / Anterior App



20% O.R Time Reduction



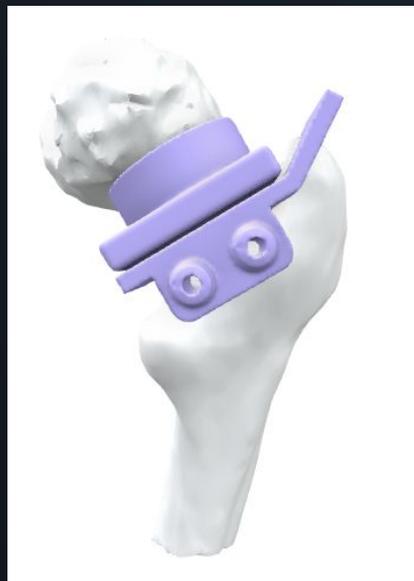
50% Cumulative Fluoroscopy Time
Reduction



Flow Confidence
On Demand Schedule
Intuitive Interface



Images | Total Hip Replacement (Posterior App)



Pre-Op Plan



Generated PSI

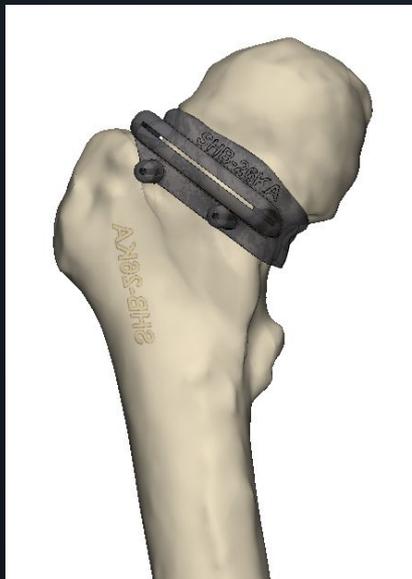


Surgery



Post-Op

Images | Total Hip Replacement (Anterior App)



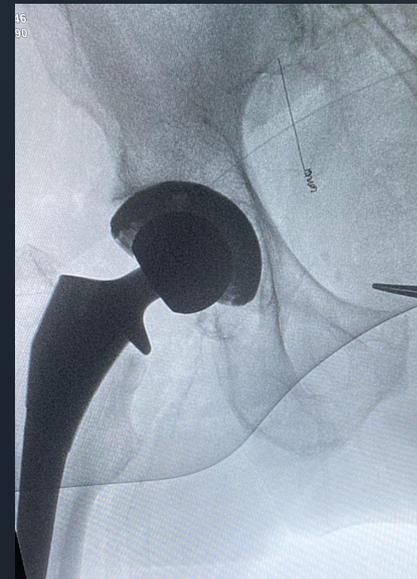
Pre-Op Plan



Generated PSI



Surgery



Post-Op

App | Total Knee Replacement



Femur and Tibia Anatomies



Marking and Drilling Guides



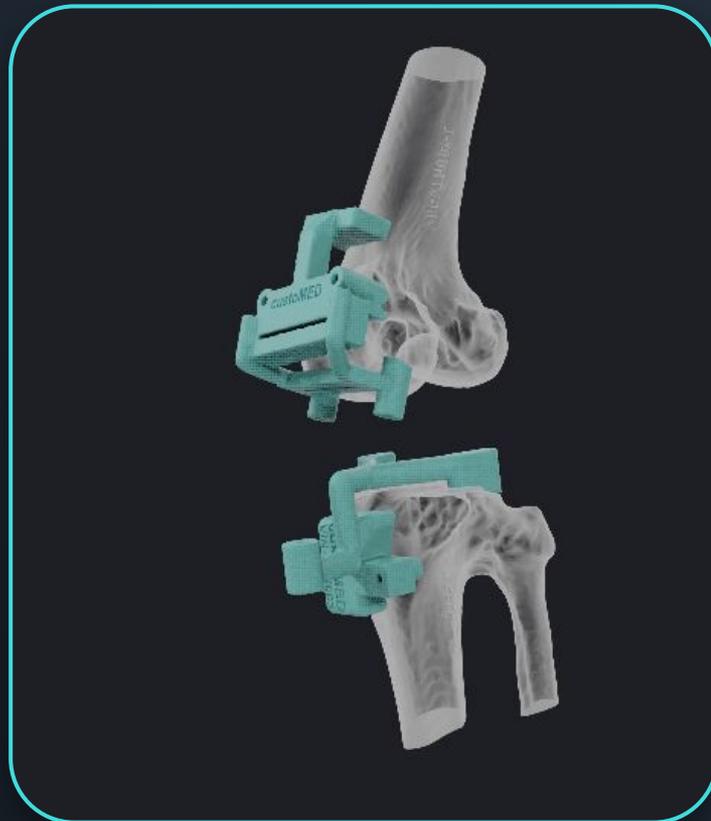
20% O.R Time Reduction



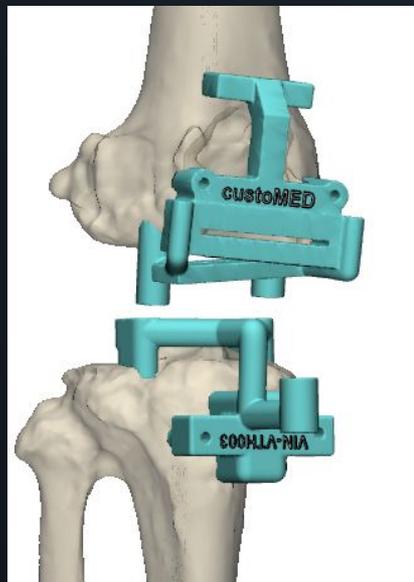
50% Cumulative Fluoroscopy Time Reduction



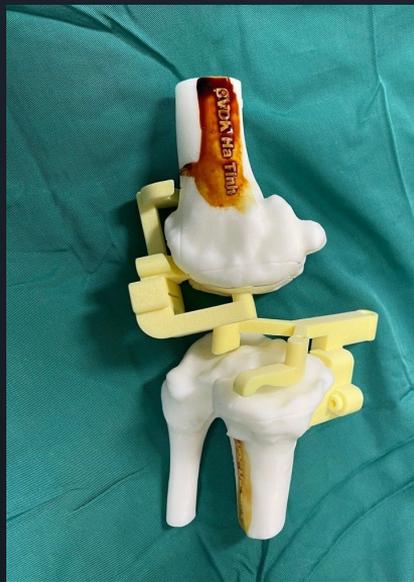
Flow Confidence
Surgeon Specific Footprint
On Demand Schedule
Intuitive Interface



Images | Total Hip Replacement (Posterior App)



Pre-Op Plan



Generated PSI



Surgery



Post-Op

App | Hip Resurfacing



Femur and Tibia Anatomies



Marking and Drilling Guides



20% O.R Time Reduction



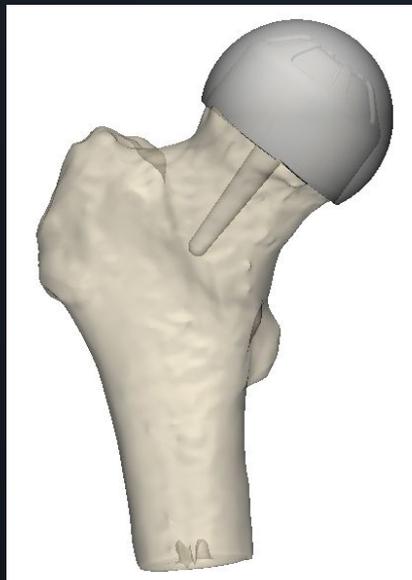
50% Cumulative Fluoroscopy Time Reduction



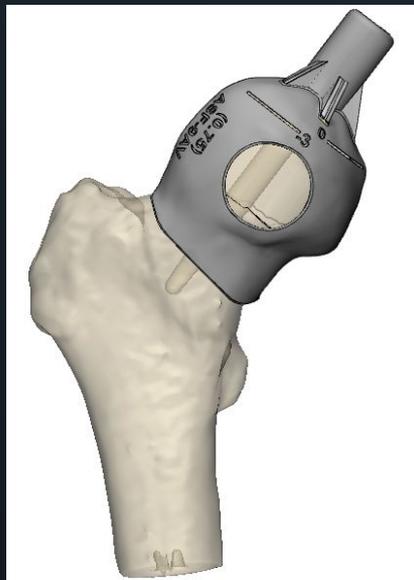
Surgeon Specific Footprint
On Demand Schedule
Intuitive Interface



Images | Total Hip Replacement (Posterior App)



Pre-Op Plan



Generated PSI



Surgery



Post-Op

Surgeon Driven Transformation

- ✓ Clinical Community Impact
- ✓ Standardization of Care
- ✓ Precision in Surgical Outcomes



Surgery to renew the hip joint instead of a complete replacement - restore the joint of the age of 18

Surgery to renew the hip joint (resurfacing) includes scraping the damaged cartilage and recoating it instead of a complete replacement of the joint, thus allowing a more natural feeling and the possibility of returning to sports activities. The fact that the surgery is performed in an anterior approach also allows for quick rehabilitation and a return to walking without assistance already after a week.



| Served by the Shamir Medical Center
p.m 12:37 | 07.03.24 :Updated

Joint replacement surgeries are one of the most common surgeries in Israel and are intended for people suffering from cartilage wear. Cartilage is a flexible tissue designed to reduce the friction between 2 bones. The regeneration process of the cartilage tissue is very slow and as the body ages, the cartilage wears out, the friction increases and with it the pain. A high percentage of the population will suffer from cartilage erosion until the age of 65 and when the conservative treatments - injections, drugs, physical therapy - are not helpful, many turn to joint replacement surgeries.



Prof. Noam Shochat