

stryker

Shoulder iD™

Primary Reversed Glenoid

Personalized glenoid lateralization



iD Solutions®

Individually designed. Personalized care.



Procedure

Reverse

Implant

PERFORM Patient Matched Primary

Implant Screws

Characteristics

Diameter 25 mm

Post Offset Centered

Post Length 25 mm

Glenosphere

Diameter 39 mm

Type 3 mm Eccentric

Augment

Post Engagement 15.5 mm

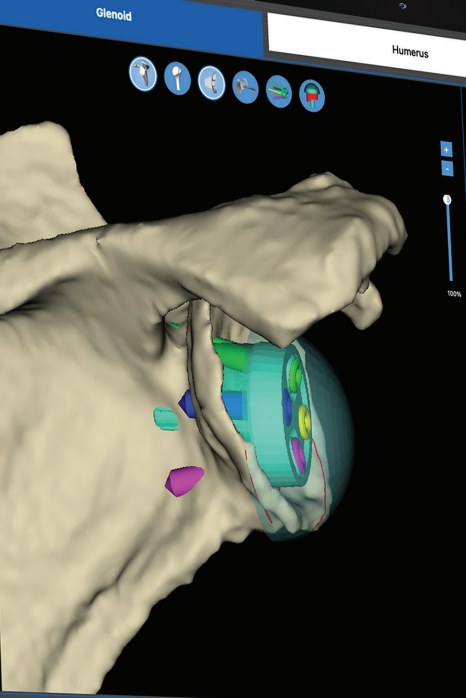
Augment Thickness 12 mm

No Glenoid Remaining

Max Envelope Inclusion

Compute Augment

Reset implant



Humerus

Joint

RSA

Soft-Tissue Sagittal

Retrosersion

ANT 5°

POST

Lateralization

MED 9.5 mm

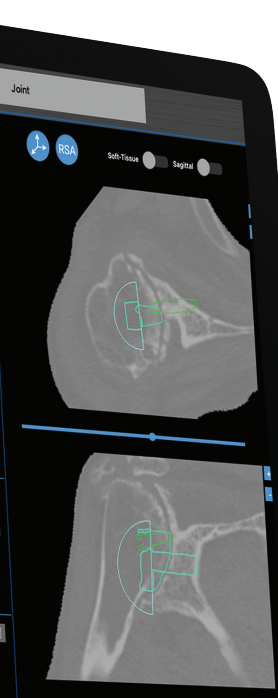
LAT

Inclination sup

SUP 2°

INF

Measures



Engineered with IMASCAP™ Technology

XXXXXXXX - X22XXX

100 Years Old

Right Shoulder

Diagnosis Post Traumatic Arthritis

Glenoid Type Not Specified

Prior Surgeries Not Specified

Glenoid retroversion 10°

Glenoid inclination sup 19°

RSA angle 21°

Posterior humerus subluxation 72 %

Save Progress

Finalize Plan

We're putting the control

in your hands



We're making our primary reversed glenoid implants more patient specific than they've been before.

With Shoulder iD, visualize, plan, and order your patient's unique glenoid implant directly through Blueprint 3D planning software.

Join us in learning how we are making better outcomes easier with Shoulder iD.

It's the power of **software**

The Blueprint software creates a 3D model (using the thin axial images of a CT scan) that the surgeon uses to virtually plan shoulder replacement surgery.



CT scan driven technology

The thin axial images can be uploaded directly into the ordering physician's account via our secure cloud. Once the files are uploaded, you are able to visualize patient pathology, anticipate intra-operative challenges and evaluate the range of implant types that could be used.

Personalized glenoid lateralization

With Shoulder iD, you are in the driver's seat. Virtually plan the position of the baseplate, then generate the patient-matched augment once planning criteria is met. For more information on the cleared design parameters please reference the Shoulder iD operative technique.



Step 01



CT scan image

Step 02



Blueprint cloud

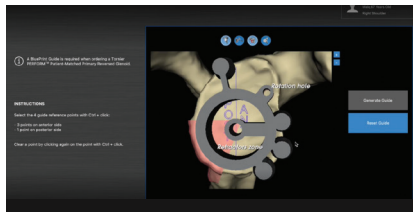
Step 03



Blueprint planning

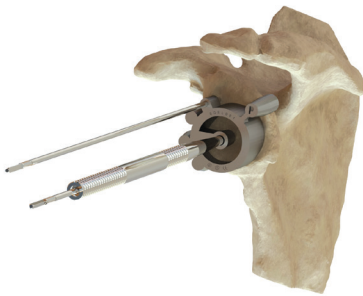
shaping the future of **hardware**

Once planning in Blueprint is complete, submit your order for the 3D printed implant and patient specific instrumentation. The patient-matched devices are provided sterile to your OR, allowing for a **reproducible experience, from plan to patient.**



Order placement

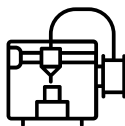
Following implant visualization and planning, you will plan your humeral components* and patient-specific guide. The PSI will be used in surgery to prepare for implant alignment and seating.



Surgical execution

The sterile retail box will be delivered containing the patient-matched implant, guide, and bone-model replica of the patient's anatomy. By utilizing a ream-free technique, you are reducing surgical steps in the OR.

Step 04



**3D manufacturing
and sterilization**

Step 05



Distribution

Step 06



Surgery






*Shoulder iD is compatible with Tornier Flex Shoulder System, Tornier Perform Humeral System, and Tornier HRS.

Personalized implants

Steps to planning your Shoulder iD case

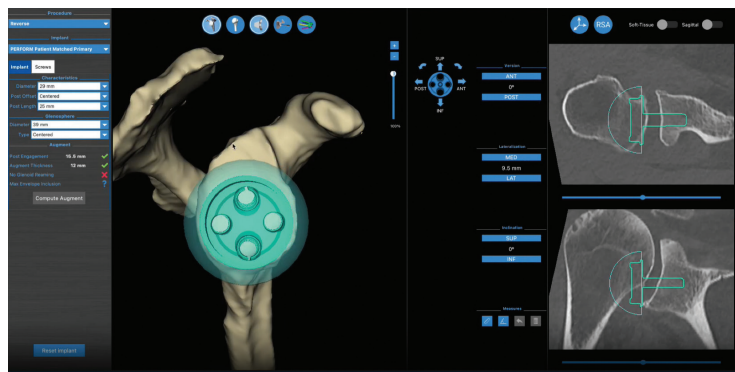
1

The Shoulder iD glenoid is available in 25 and 29mm diameters, along with a variety of post options. Begin by selecting the desired implant offering from the implant menu.

Post length	Centered	Offset (+3mm)	Baseplate lateralization
15mm		Not offered	5mm augmented thickness
25mm			10mm augmented thickness
35mm			10mm augmented thickness

2

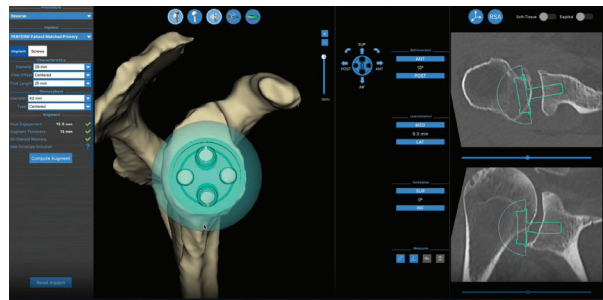
The baseplate is moved to the most inferior edge of glenoid taking into account limitations due to osteophytes and glenoid deformation.



powered by **Blueprint**

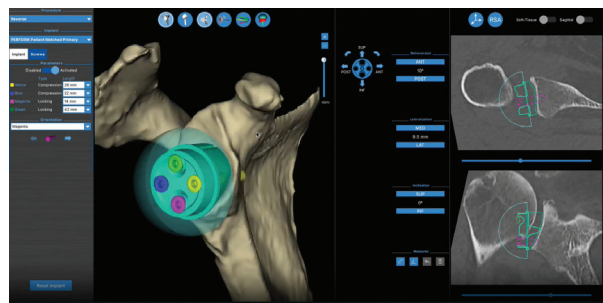
3

Once you've achieved desired baseplate placement, begin adjustments to achieve desired correction to version and lateralization. Baseplate retroversion in Blueprint should range from 0° to 10° degrees, no more than 15°. Blueprint will disallow inadequate post engagement, exceeding max envelope, and reaming.



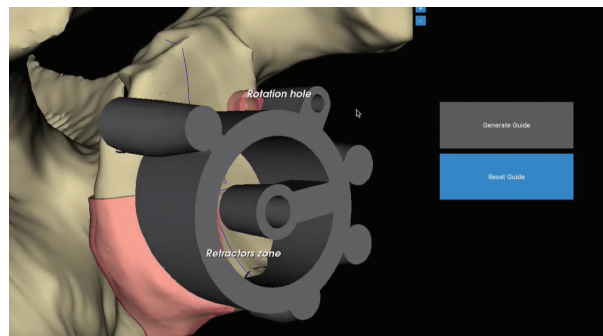
4

The last step prior to augment generation is peripheral screw trajectory planning. Shoulder iD allows you to dial in the location of your locking and compression screw holes with the goal of achieving strong bone engagement.



5

Now, you are ready to generate your augment and patient-specific instrument.



This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

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Content ID: AP-016507A 27-Dec-2022

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