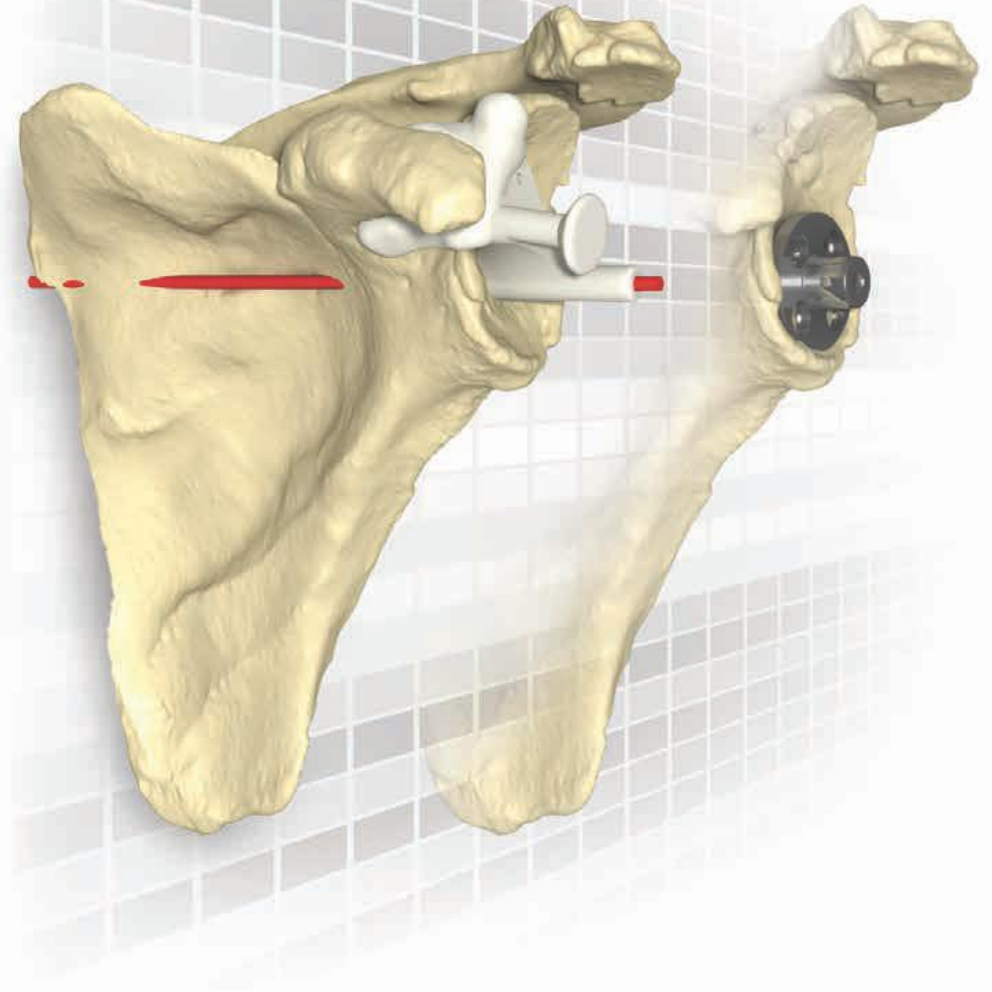


djo *surgical*™

AltiVate™ Match Point System®



*Enabling surgeons to preoperatively and intraoperatively tailor
shoulder arthroplasty to the patient's unique anatomy.*

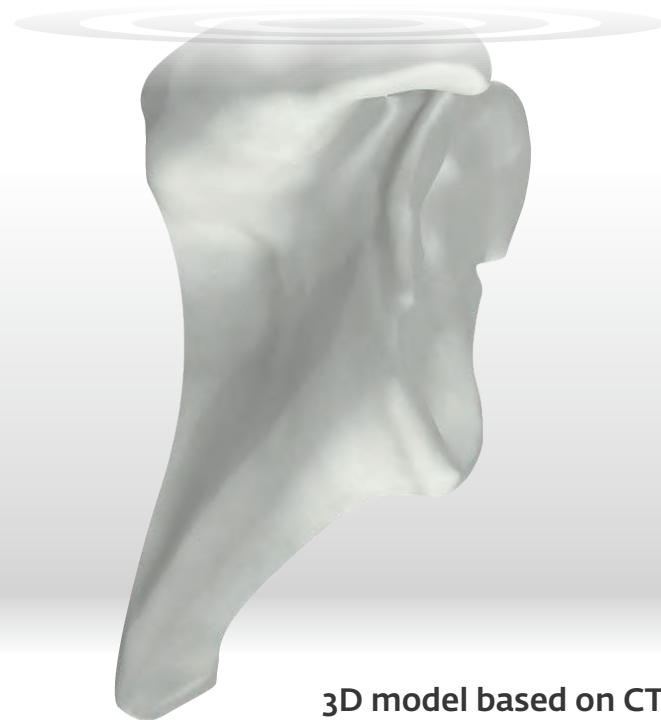
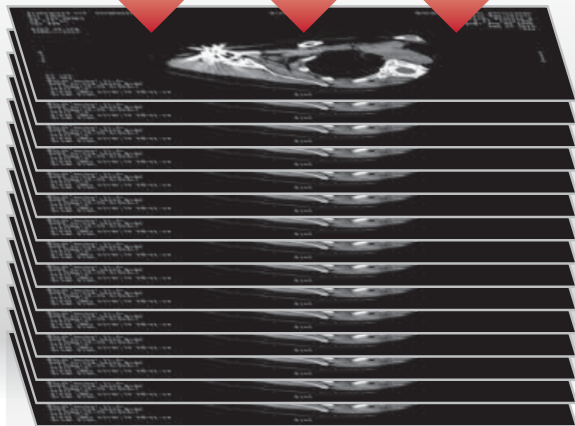
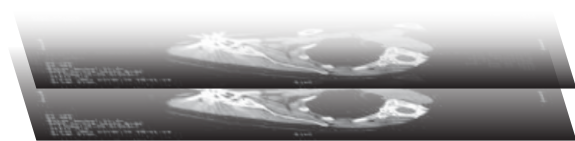


The **Match Point System**[®], in conjunction with the **RSP**[®], **AltiVate**[™] **Anatomic** or **Turon**[®] shoulder implant system, allows surgeons to ***Aim*** at enhancing patient outcomes and ***Set*** patient goals to Reach Higher by ensuring the surgical plan is ***Matched*** to the patient's specific anatomy.

Aim

at enhancing patient outcomes

Starting with a preoperative CT scan, surgeons can **Aim** for improved patient outcomes. The CT scan is uploaded into proprietary software in which a 3D model of the patient's shoulder is rendered. This allows surgeons to visualize the patient's unique anatomy on a computer, focusing on the patient's specific condition in ways not possible during conventional surgery. Having the ability to preoperatively view the patient's anatomy can help prepare the surgeon to handle any nuances that could otherwise be a surprise in surgery.



3D model based on CT images

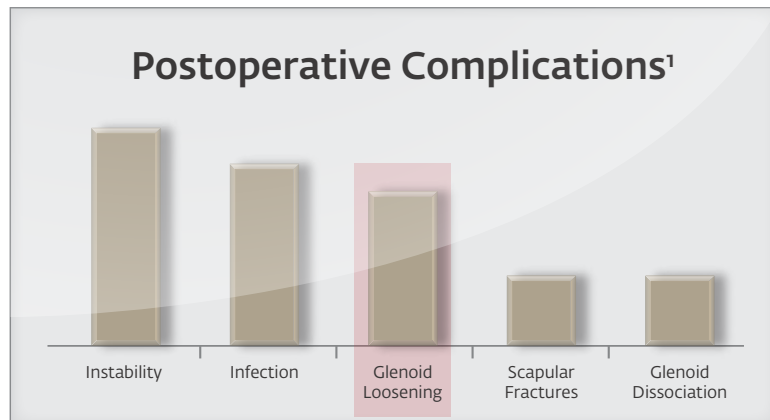
Set patient goals to Reach Higher

By virtually aligning the implant specifically to the patient's anatomy, surgeons can preoperatively **Set** the optimal position for the implant, taking full advantage of the design and potentially improving the implant performance. Surgeons can feel confident going into surgery with a plan optimized for the patient which will help reduce the complications that can arise from unforeseen bone morphology.



With the peripheral screw planning feature, surgeons can visualize the optimal length and location of the RSP® peripheral bone screws.

Aseptic loosening of the glenoid component is one of the leading causes of postoperative complications in both total and reverse shoulder arthroplasty.^{1,2}



Failing to restore the glenoid version angle has been cited to place the implant at increased risk of premature loosening.³ Studies have shown traditional surgery methods are not reproducible at restoring the retroversion angle of a severely deformed glenoid (B2).^{3,4}

Studies have shown the correct placement of the glenoid component is essential for:

- Longevity of the prosthesis³
- Positive effects on functional outcomes³

Matched

to the patient's specific anatomy

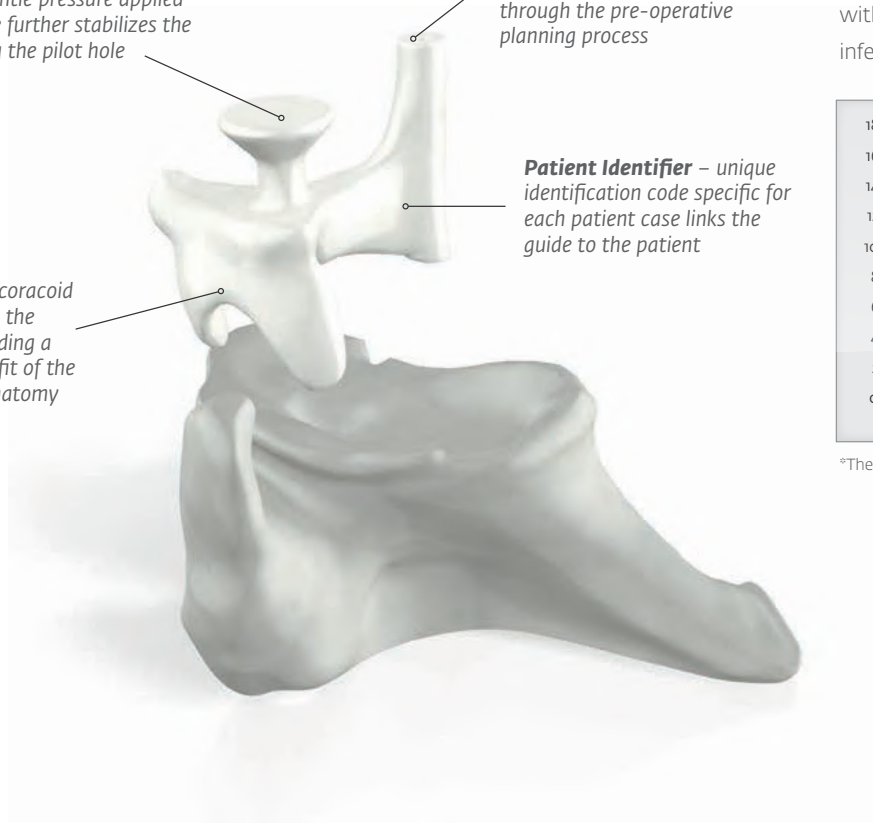
Conventional implantation methods have been shown to be highly variable, with implant inferior tilt and version angles in excess of 16° and 12°, respectively, of the planned alignment.^{5,6} With the **Match Point System**® from DJO Surgical, the unique coracoid clip attaches securely to the patient's anatomy in surgery, allowing for a more accurate placement of the surgical implant.

Push Handle - gentle pressure applied to the push handle further stabilizes the guide while drilling the pilot hole

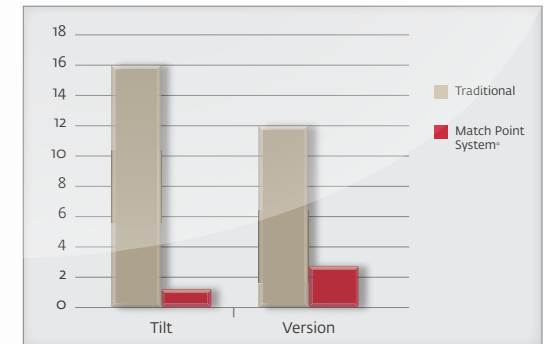
Drill Cylinder - designed to replicate the planned trajectory determined by the surgeon through the pre-operative planning process

Patient Identifier - unique identification code specific for each patient case links the guide to the patient

Coracoid Clip - unique coracoid clip securely attaches to the patient's coracoid, providing a stable and reproducible fit of the guide to the patient's anatomy



The Match Point System guides provide a drill path validated to replicate the preoperatively planned position on average within 2.5° for glenoid version and 1.5° for inferior tilt.⁷



⁷The Match Point System validation was for the drill path versus plan

The Set plan is used to design and manufacture a guide and model to be used by the surgeon during the procedure. The guide is **Matched** to the patient's anatomy to ensure secure attachment to the bone. Once in position, the surgeon drills through the guide, so what was planned on the computer is **Matched** to the patient's actual bone.

To see a video of the Match Point System® in action and learn more on how we can help you and your patients Reach Higher by Design go to:

www.djoglobal.com/products/djo-surgical/match-point-system

1. Zumstein M, et al. Problems, complications reoperations, and revisions in reverse total shoulder arthroplasty: A systematic review. JSES 2011; 20, 46-157
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5. Verborgt, et al. Accuracy of placement of the glenoid component in reversed shoulder arthroplasty with and without navigation. JSES 2011; 20, 21-26
6. Nguyen D, et al. Improved accuracy of computer assisted glenoid implantation in total shoulder arthroplasty: an in vitro randomized controlled trial. JSES 2009; 18(6):907-914
7. Levy J, et al. Accuracy of Patient-specific Guided Glenoid Baseplate Positioning for Reverse Shoulder Arthroplasty. JSES 2014; 23(10):1563-7



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CAUTION: Federal Law (USA) restricts this device to sale by or on the order of a physician.

See package insert for a complete listing of indications, contraindications, warnings, and precautions.

Individual results may vary. DJO Surgical is a manufacturer of orthopedic implants and does not practice medicine. Only an orthopedic surgeon can determine what treatment is appropriate. Individual results of total joint replacement may vary. The life of any implant will depend on the patient's weight, age, activity level, and her factors. For more information on risks, warnings, and possible adverse effects please speak with your doctor directly; you should always ask your doctor if you have any questions regarding your particular condition or treatment options.

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