

# Smith+Nephew

## ATLASPLAN<sup>◇</sup>

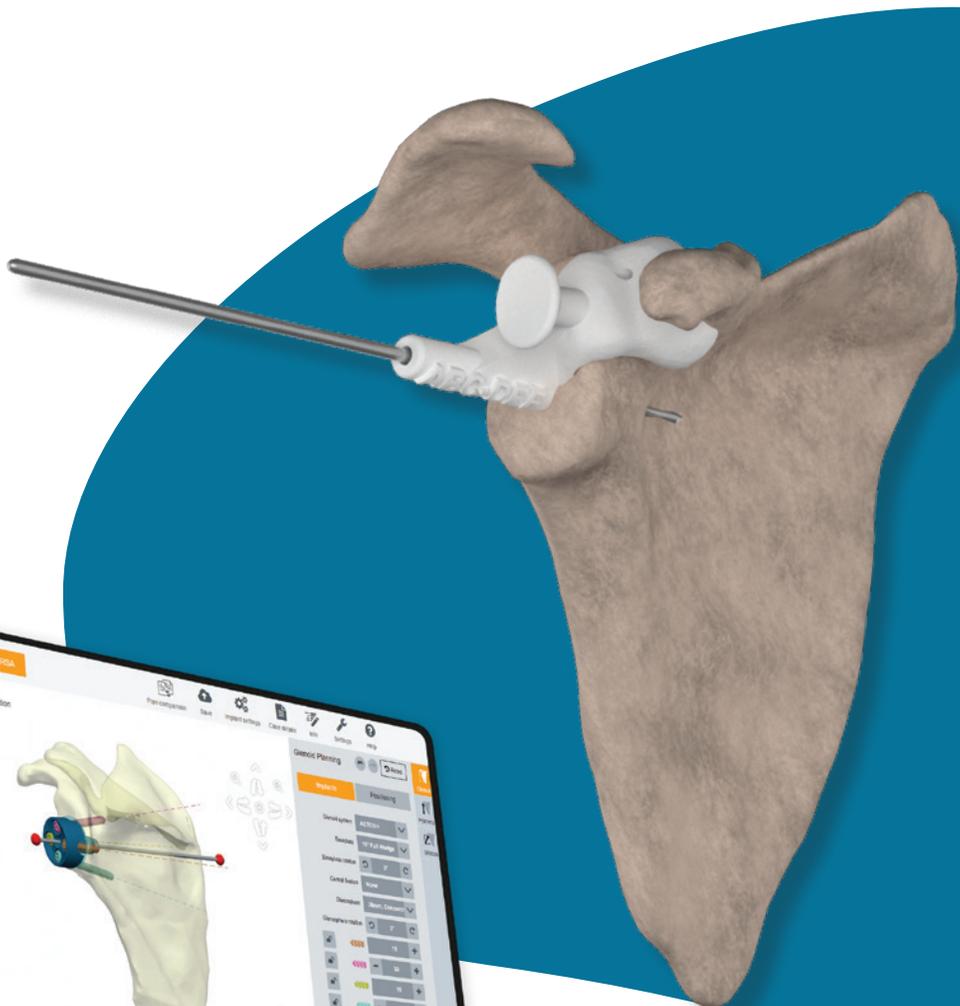
3D Planning and  
Patient Specific Instrumentation

For Shoulder Systems:

TITAN Modular

Shoulder System 2.5

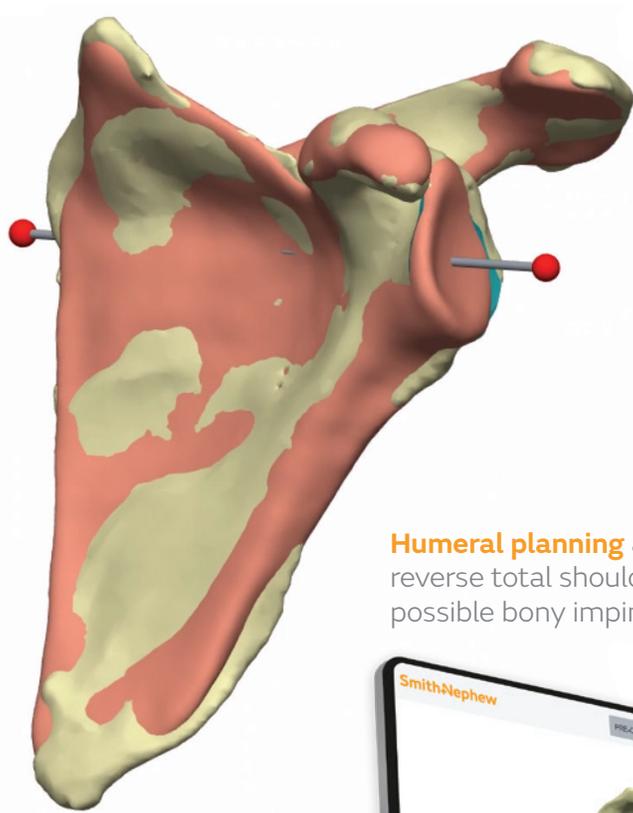
AETOS<sup>◇</sup> Shoulder System



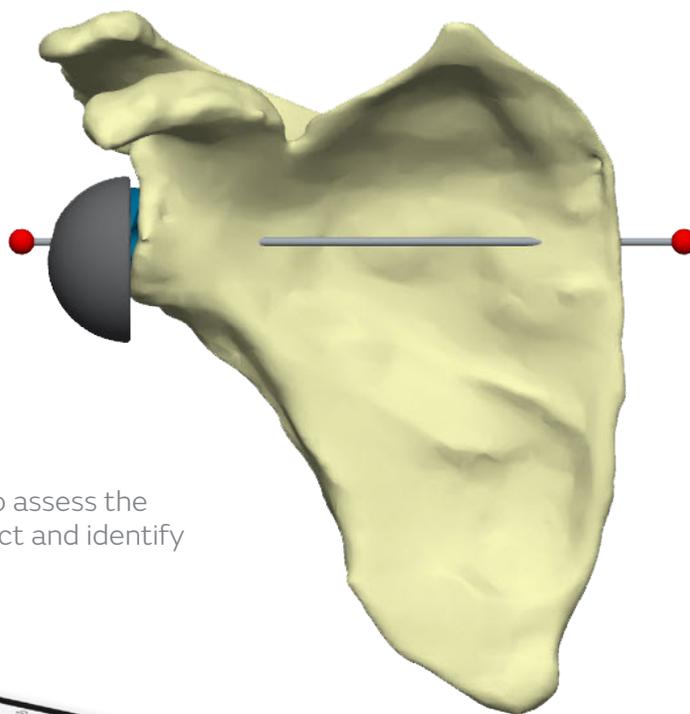
# Advanced pre-operative case planning

- Online web portal for access from any computer or tablet
- Optional patient-specific drill guide to transfer the preoperative plan into the OR
- User-friendly interface and planning controls
- Humeral planning and static range-of-motion

**Premorbid view** to assess glenoid vault erosion



**Planned scapula view** to assess implant positioning and reaming



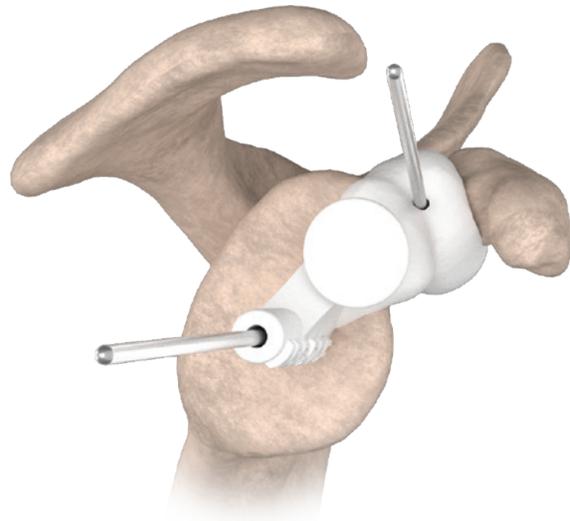
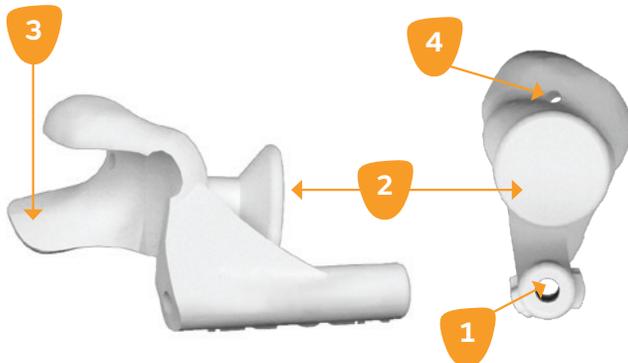
**Humeral planning** and ROM to assess the reverse total shoulder construct and identify possible bony impingement



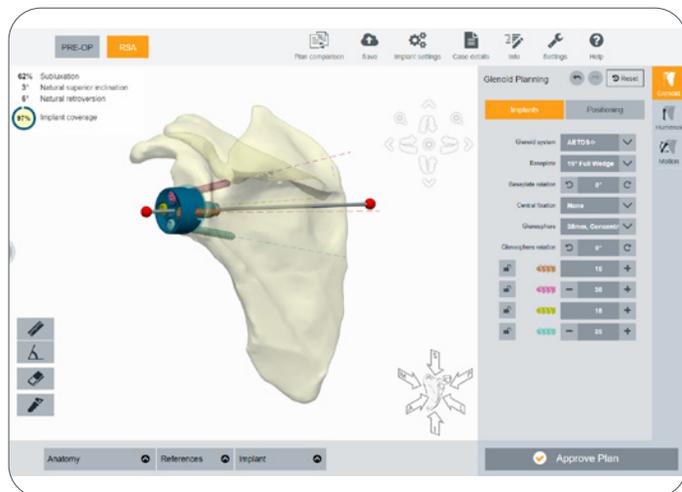
# Custom Glenoid guide

Designed to match the patient's anatomy to improve accuracy of glenoid implant placement when compared with 2D imaging without patient specific instrumentation<sup>1</sup>

1. Central Drill Cylinder: Positions the guide wire per pre-operative planning
2. Push Handle: For easy placement and tactile confirmation of guide seating
3. Coracoid Clip: Aligns guide to patient's anatomy
4. Optional 2mm K-wire Hole: Added fixation for stability during drilling



**Augmented planning** to address glenoid medialization and asymmetric wear



**Digital distance and angle measurements** on 3D model and CT scans to analyze bony correction depths and angles necessary for best implant fit and restored joint stability



