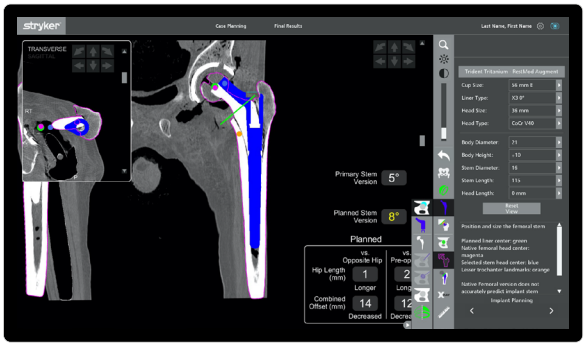
stryker

Mako Total Hip

with Advanced Primary and Revision

Simplify your hip procedures with Mako Total Hip with Advanced Primary and Revision. **Know more** with 3D CT-based planning in your most challenging cases.

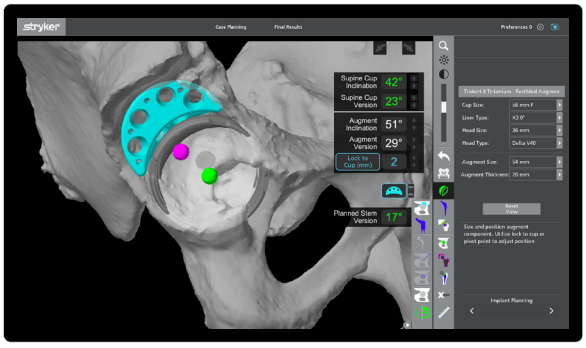


Restoration® Modular femoral hip stem planning

Plan for **Restoration Modular**, including showing/hiding cone body in stem mode, hiding primary implants in 2D or 3D views and view outline cross section.

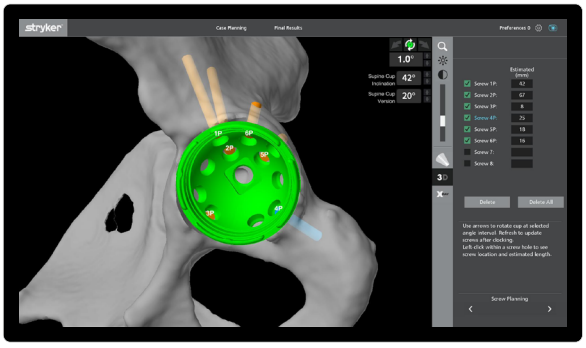
Acetabular cup planning now featuring RAS

Plan for Restoration Anatomic Shell (RAS) or Trident® II multihole acetabular shells. Additional features include hiding primary implants in 2D or 3D views, view outline cross section and show planned bone resection in 3D views.



Augment planning

Users have the ability to plan the size, thickness, position and orientation of the **augment**.
The software's "**Lock To Cup**" feature is an optional planning feature that can be used to help ensure that the surgeon's desired distance between the planned cup and planned augment will remain constant during implant planning.



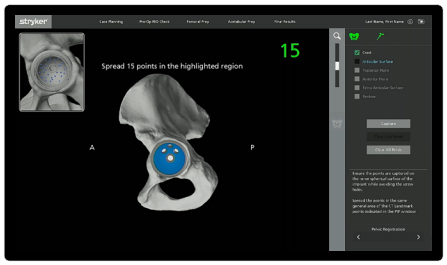
Screw planning

Screw planning is designed to help optimize screw hole location and maximize screw length. When calculated, the screw length value given is an estimated value from the screw head to where the screw exits the bone in the central direction of the screw hole.

More with Mako Total Hip

with Advanced Primary and Revision

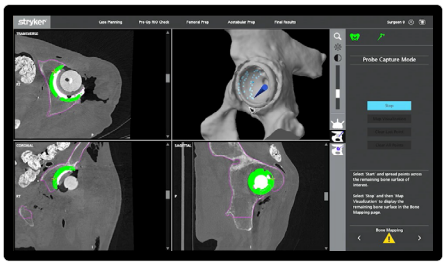
Know more intraoperatively with capabilities like bone mapping, augment reaming and screw trajectory.



Pelvic registration

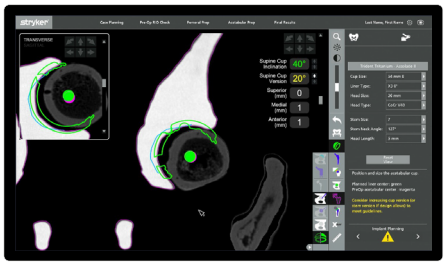
Pelvic registration for revision THAs will be performed on the primary cup.

CT landmarks are now visible during intraoperative pelvic registration in primary and revision cases.



Bone mapping

After removal of the primary cup, it is recommended to **map the bone's** surface in the acetabulum for review within implant planning.



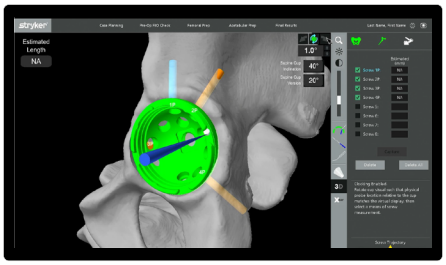
Intraoperative revision cup plan adjustments

Mapped bone can be visualized on the implant planning page. The position of the planned revision cup can be updated based on the mapped bone to allow for better implant-to-bone contact.

Robotic-arm assisted augment and cup reaming

Enabled by AccuStop™ haptic technology, robotic-arm assisted reaming is available for both augment and cup.

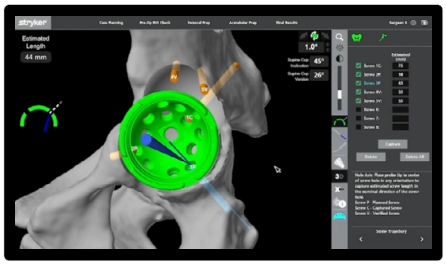
An extended reaming angle can be used to ream in an orientation with a 30-degree cone in primary and revision cases.



Cup clocking

Pre-impaction clocking feature can be used to help the user match the physical cup's screw hole locations with those of the planned cup.

Post-impaction clocking feature can be used to help the user match the virtual cup rotation to the rotation of the physically impacted cup.



Screw trajectory and depth guidance

Screw trajectory and depth guidance provide the estimated screw length calculated based on the orientation of the screw hole or probe.

Verify mode is available to confirm the estimated screw length and direction after the hole has also been drilled.

Available on Mako 4

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