

STRYKER PIVOT GUARDIAN



ABOUT

The Stryker Pivot Guardian is a distraction system used in hip arthroscopy procedures. Instead of relying on a perineal post, it uses a post-free setup that helps reduce complications such as pudendal nerve injury and soft tissue pressure. Surgeons can adjust traction and positioning with accuracy, while the radiolucent carbon fiber frame allows clear intraoperative imaging.

FEATURES

- **Post-Free Design:** Removes the perineal post to lower the risk of nerve dysfunction, groin numbness, and soft tissue injury.
- **Traction Force Gauge:** Displays the estimated distraction force applied to the patient, typically ranging between 50–120 lbf.
- **Traction Controls:** Provides both fine and gross adjustments for hip adduction, abduction, flexion, extension, and rotation.
- **Boot System:** Uses a Boa® Fit System and an Achilles block to secure the ankle and reduce heel slip during distraction.
- **Carbon Fiber Frame:** Radiolucent construction reduces metal near the hip, allowing full anterior and posterior visualization and a true AP radiographic view.
- **Gas Shock System:** Assists with raising and lowering the patient's foot for positioning.
- **Operating Room Efficiency:** Built for quicker setup, transport, and takedown to help reduce turnover time.



SPECIFICATIONS



PHYSICAL ATTRIBUTES

Primary Construction Material: Carbon Fiber

Key Feature: Radiolucent for unimpeded imaging

TRACTION & CONTROL

Traction Force Range: 50 – 120 lbf (as required for sufficient hip joint visualization)

Traction Controls: Separate fine and gross traction controls for precise adjustments

Range of Motion: Designed to allow for adduction, abduction, flexion, extension, and internal/external rotation of the hip.