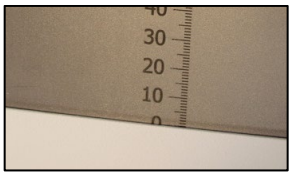
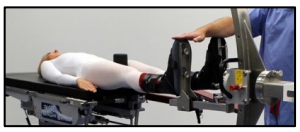
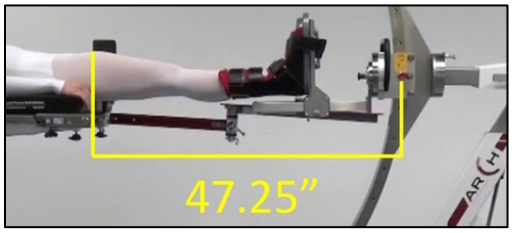
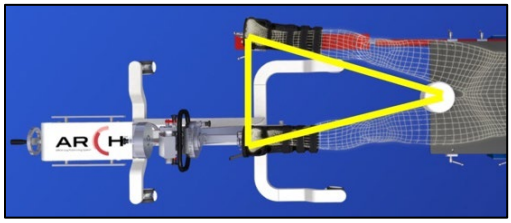
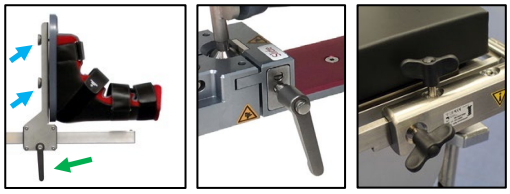
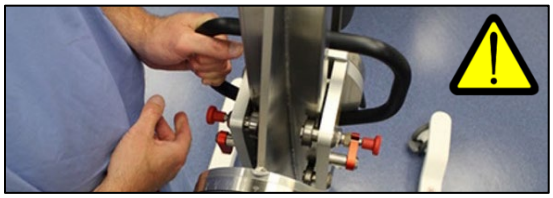
STERIS

ARCH Pre-op Checklist

Step	Image
1. Set all surgical functions to neutral. Traction = 0 mm Rotation = 0 degrees Extension / Flexion = Neutral Adduction = 0 degrees	
2. Ensure feet are wrapped, tight within boots, and straps are attached. When using IOT boot liners, wrap the foot and leg with Coban, fit the boot liner over the foot, then wrap the boot liner and foot with more Coban to hold the boot liner in position and to ensure a secure, non-slip fit.	
3. Set both feet to same height. Adjust ARCH height and/or OR table height to match.	
4. Set ARCH correct distance from OR table. Adjust the ARCH position with the lever securing the sliding carriage for foot positioning (shown in step 6B) open so that the distance between the red extension pin and the patient side of the POP pad is 47.25” (120 cm). This will align the rotational centers of the patient’s hip joint and the ARCH and will ensure additional tensile or compressive forces are not exerted on the leg during extension or flexion.	
5. Ensure patient is properly set: A. Patient tight against perineal operative post (POP). B. ARCH centered on operative leg. C. Legs positioned in an isosceles triangle.	
6. Ensure the following are tight: A. Knurled knobs on operative traction boot (blue arrows). B. Lever securing sliding carriage for foot positioning (green arrow). C. All levers on opposite leg holder (OLH). D. All wing nuts on perineal operative post (POP).	
7. Adjust femoral support height. Pull femoral support outward and rotate to adjust - push inward to lock position (3 height settings available). Gap between pad and leg should be present with leg in neutral position. The femoral support pad will act as a fulcrum and push up the femur during leg extension. **Optional Accessory*	
8. Lock all 4 castors.	

9. Unlock pin on opposite side of carriage.

Shift the red latch under the red extension pin on the side opposite to where you will be operating the ARCH to keep this pin permanently non-engaged. You can now control extension / flexion using just the pin on your side. **Do not pull red pin before firmly holding black handle.**