Prone Cervical Patient Positioning



ProAxis® – Prone Cervical Patient Positioning



Users must read and understand the ProAxis® Surgery Table Owner's Manual before using this device. Instructions provided are for suggested setups. Final determination of patient positioning and setup is at the discretion of the surgeon and surgical team. Each number in the setup image identifies the component(s) described in the corresponding step in the following setup instructions.

Safety straps must be used on patient at all times. Application of the skull clamp (Aluminum or Radiolucent models of either the DORO® or Mayfield®) shall be completed prior to patient transfer.

1. Table Preparation and Connecting IntelliPendant®



Roll the table to where it will be used and orient the Head-End of the table in the room where the anesthesiologist work station is located. Plug the power cord of the ProAxis® Table into a properly grounded receptacle. Connect the IntelliPendant® to the port on the Head-End column. Press the Power Switch and observe that the switch illuminates with a green ring indicating that power is applied to the table.

2. Cervical Management Mounting Bracket



Orient the posts of the Bracket over the Head-End Assembly receptacle and slide in. Tighten both T-Handles on the receptacle.



3. Cervical Management Base Unit



To use the Cervical Management Base Unit with ProAxis®, the standard Table Adapter must first be removed. Ensure the Horizontal Slide Locking Lever on the Mounting Bracket is loosened; align the stop cap, and insert the posts of the Base unit. Tighten the Locking Lever to secure.



4. Adapter Removal



To switch adapters, loosen the knobs on the Transitional Arm of the Cervical Management Base Unit until the Arm can be removed. Insert the appropriate adapter with the ball joint facing the foot-end of the table. Re-attach the Transitional Arm, align the starburst and tighten the knobs.

5. Assembly Tip



The components of the Cervical Management Base Unit have a starburst locking mechanism. Ensure that all teeth of the starburst are aligned and the corresponding knob is properly tightened when assembling or repositioning the device. All knobs should be tightened by hand; do not use a wrench.

6. Cervical Chest Tray



Place the Chest Tray on the rails in the desired location.



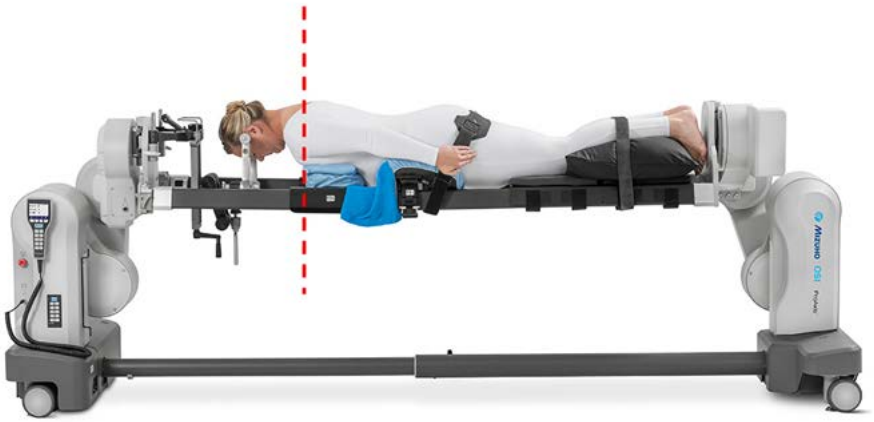
7. Chest Pad



Orient the opening of the pad bracket to surround the lower edge of the Cervical Chest Tray. The indentation of the pad for the supra-sternal notch should be oriented toward the Head-End of the table. Slide the pad onto the tray until the bracket tab locks into place.

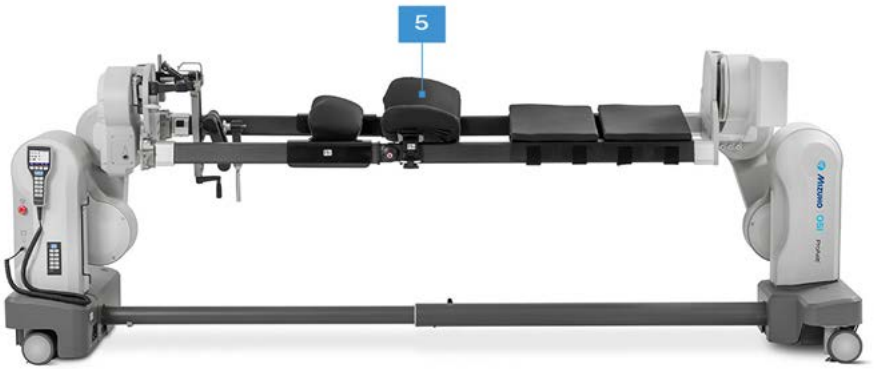


8. Patient Instructions



With ideal positioning, the Chest Pad should support the patient such that the load is borne predominantly by the sternum. When the patient is positioned correctly, the top edge of the pad should rest below the patient's anatomical landmark, the suprasternal notch.

9. Combination Hip and Thigh Pads



Place pad on the rail and slide towards the hinge until it rests against the pad stop. Lock the bracket. When positioned correctly, the patient's anatomical landmark, the iliac crest, lies in the top third of the Pad.



10. Leg Boards



Attach two Leg Boards using the Velcro® straps to support the patient's legs. The Leg Sling provides a secondary option for supporting the legs if desired.



11. Patient Care Kit Preparation



Place the Patient Kit Covers on the Chest and Hip/Thigh Pads.
Smooth the surfaces.

12. Patient Instructions



Ensure patient's anatomical landmarks are aligned with support pads and log roll the patient to a prone position. Secure the buttocks strap and 60" (152 cm) safety strap.

13. Optional - Tempur-Pedic® Medical Pillows



Pillows may be used under the patient's legs to assist with final positioning, stability and comfort.



14. Appplication Tip



To attach the Skull Clamp to the Cervical Management Base Unit, align the starburst of the Clamp with the starburst of the Adapter and tighten in place with the corresponding knob. Ensure the teeth of the starburst on both the device and the adapter are not misaligned so they can be tightened securely.

15. The Prone Cervical Management setup is now complete.

For more information or questions about this setup or any setup, please refer to the Owner's Manual or contact Mizuho OSI for additional support.

