

THE COVEROLL – A BESPOKE SOLUTION FOR ROBOTIC SURGERY

Our widely acclaimed GUS™ (Grip Under Sheet) system has long been a vital tool for theatre teams securing patients in the lithotomy position at angles of up to 25°.

But one surgical team presented us with a new challenge: during robotic procedures, they needed to tilt patients to an extreme 45°—beyond the standard range—and required additional head support.

THE SETUP: GUS™ + VACUFORM + OPEROLL

To achieve the steep tilt safely, the team used:

- **Vacuform:** A beanbag-like mat filled with styrofoam beads, moulded precisely to the patient's shape when air is removed.
- **GUS™:** Placed between the Vacuform and the patient to provide critical anti-slip stability.
- **Ergotrics Operoll:** An inflatable roll offering neck and head support in a precise height.



Client:

Operation Theatre in the North West of England

Challenge:

Head Support in Steep Robotic Surgical Positioning



While the Vacuform and GUS™ combination allowed safe tilting to 45°, the Operoll experienced slippage under these extreme angles.

SOLUTION: INTRODUCING THE COVEROLL

Our technical team responded swiftly, developing a bespoke, disposable cover to enhance the Operoll's performance:



- Anti-slip base: Leveraging the same trusted material used in GUS™, ensuring the Operoll stays firmly in place.
- Skin-friendly upper layer: A soft-touch, medical-grade fabric for safe contact with the patient's head and neck.
- Snug fit: Designed to slide over the Operoll before inflation, providing a secure and contoured hold after inflation.
- Infection control: A non-permeable barrier prevents any fluid ingress, supporting high hygiene standards in theatre.

CONCLUSION: ANOTHER CUSTOM-MADE SUCCESS

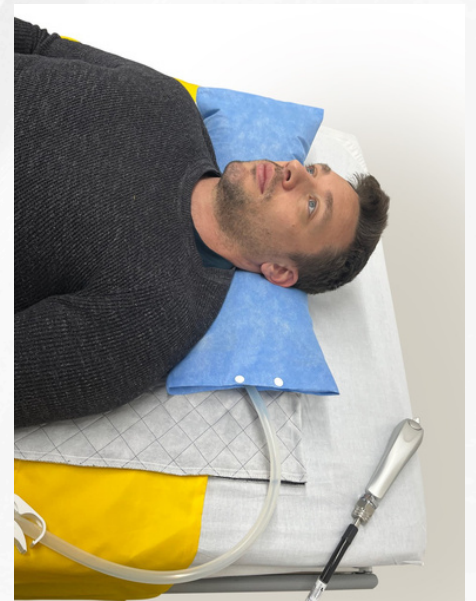
The Ergotrics Operoll and our custom-made Coveroll are now helping surgical teams with greater flexibility and confidence during robotic procedures.

Key Benefits

- Reliable positioning at extreme angles
- Enhanced patient comfort and safety
- Disposable and hygienic
- Cost-effective and adaptable for wider applications

Feedback from the surgical team:

"The Coveroll worked perfectly—solving our slippage issue while maintaining comfort and safety for the patient."



A good example of how Hospital Direct responds to clinical challenges with bespoke solutions.