

BESPOKE THEATRE MATTRESSES FOR COMPLEX PAEDIATRIC SURGERY

Target?

- ✓ Unable to lie safely during surgery
- ✓ Undergoing extended periods of surgery (e.g. Plastics/Oncology/Orthopaedics)
- ✓ Heightened risks of intra-operative complications when lying
- ✓ Atypical anatomy, difficult to support using standard positioning equipment



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Custom Theatre Supports: Design and manufacture pipeline

3D Surface Scan

- Non-contact 3D surface scanner
- Captures multiple, high resolution pictures of patient's anatomy

3D Virtual Model

- Stitched together to create a 3D virtual model of patient's anatomy

Engineered Bespoke Mattress Design

- Adapt 3D virtual model design to accommodate critical anatomy and potential regions of high tissue pressure on sensitive anatomy
- Manufactured by Sealy Australia, Wacol, QLD



Profile-Cut Patient-specific Foam Theatre Support

- Bespoke theatre support contoured to patient's anatomy
- Relieves pressure on soft tissue

