BLUE WHITE HOLDINGS
MEDICAL | OPTICAL | CAPITAL

Product Catalogue

Since 2001, Blue White Medical has supported healthcare teams across South Africa with specialist repairs, patient-positioning solutions, custom manufacturing and precision laser engraving.



01 ARTHROPLASTY TRAINING

ORTHOPAEDIC TRAINING MODEL, SURGICAL EDUCATION USE

Pelvis Trainer with Full-Length Tibia & Femur

CATALOGUE NO. **PELV**

The Pelvis Trainer with Full-Length Tibia & Femur is a polyurethane-moulded anatomical model with articulated hip and knee joints, used by orthopaedic surgeons in training, medical students, and clinical educators to practise lower limb positioning and joint movement demonstration.

- ✓ SAHPRA Licensed manufacturer
- ✓ ISO 13485 Certified

Rotates	Flexes	Moulded	Reusable
HIP JOINT MOTION	KNEE JOINT MOTION	POLYURETHANE CONSTRUCTION	NON-AUTOCLAVABLE



Full assembly on stand, hip and knee joints extended

PRODUCT FEATURES

KEY FEATURES

- ✓ Hip joint rotates for realistic anatomical positioning
- ✓ Knee joint flexes and extends for dynamic movement demonstration
- ✓ Polyurethane-moulded construction for durable, repeated educational use
- ✓ Full-length articulated tibia and femur with pelvis assembly
- ✓ Supports lower limb positioning and procedural simulation training
- ✓ Reusable with no defined expiration date when stored correctly
- ✓ Joints move smoothly with limbs held securely in place
- ✓ Non-diagnostic, non-therapeutic — for educational and procedural training only

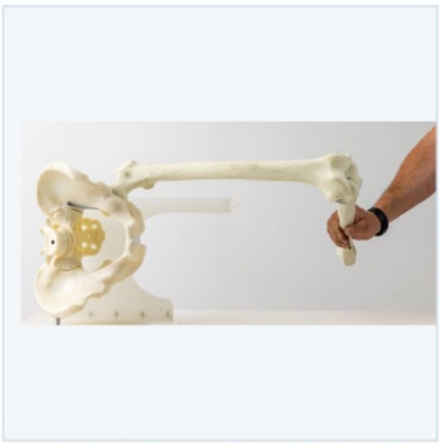
Intended Use

The Pelvis Trainer is designed for orthopaedic surgeons in training, medical students, clinical educators, and biomedical training staff who need a realistic model for lower limb positioning, joint movement demonstration, and procedural simulation. It supports educational and procedural training only, not diagnostic or therapeutic use.

PRODUCT SPECIFICATIONS

Product Type	Anatomical Training Model
Hip Joint	Rotating Mechanism
Knee Joint	Flexion & Extension
Construction Material	Polyurethane-Moulded
Sterilization Status	Non-Autoclavable
Reusability	Reusable, No Expiration
Training Application	Lower Limb Positioning & Simulation
Patient Use	Not for Diagnostic/Therapeutic Use
Manufacturer	Blue White Capital (Pty) Ltd

CONSTRUCTION DETAIL



Full assembly, hip rotated and knee flexed to demonstrate range of motion



Full assembly, alternate angle showing the knee joint cerclage wire fixation



Full assembly on stand, hip joint articulating with the pelvis socket

Storage

The Pelvis Trainer is reusable with no defined expiration date when stored correctly. Store it where it will not take mechanical damage between uses, keeping the hip and knee joints protected from impact or excessive load.

Handling

Handle carefully to prevent mechanical damage and do not drop the training model. Before use, confirm joints move smoothly without resistance, limbs remain securely attached, and no abnormal noise or looseness is present. Damaged devices must not be released for use.

Phone: 012 804 9829 Email: info@bwmed.co.za Website: www.bluewhitemedical.co.za

ARTHROPLASTY TRAINING DEVICE, SURGICAL EDUCATION USE

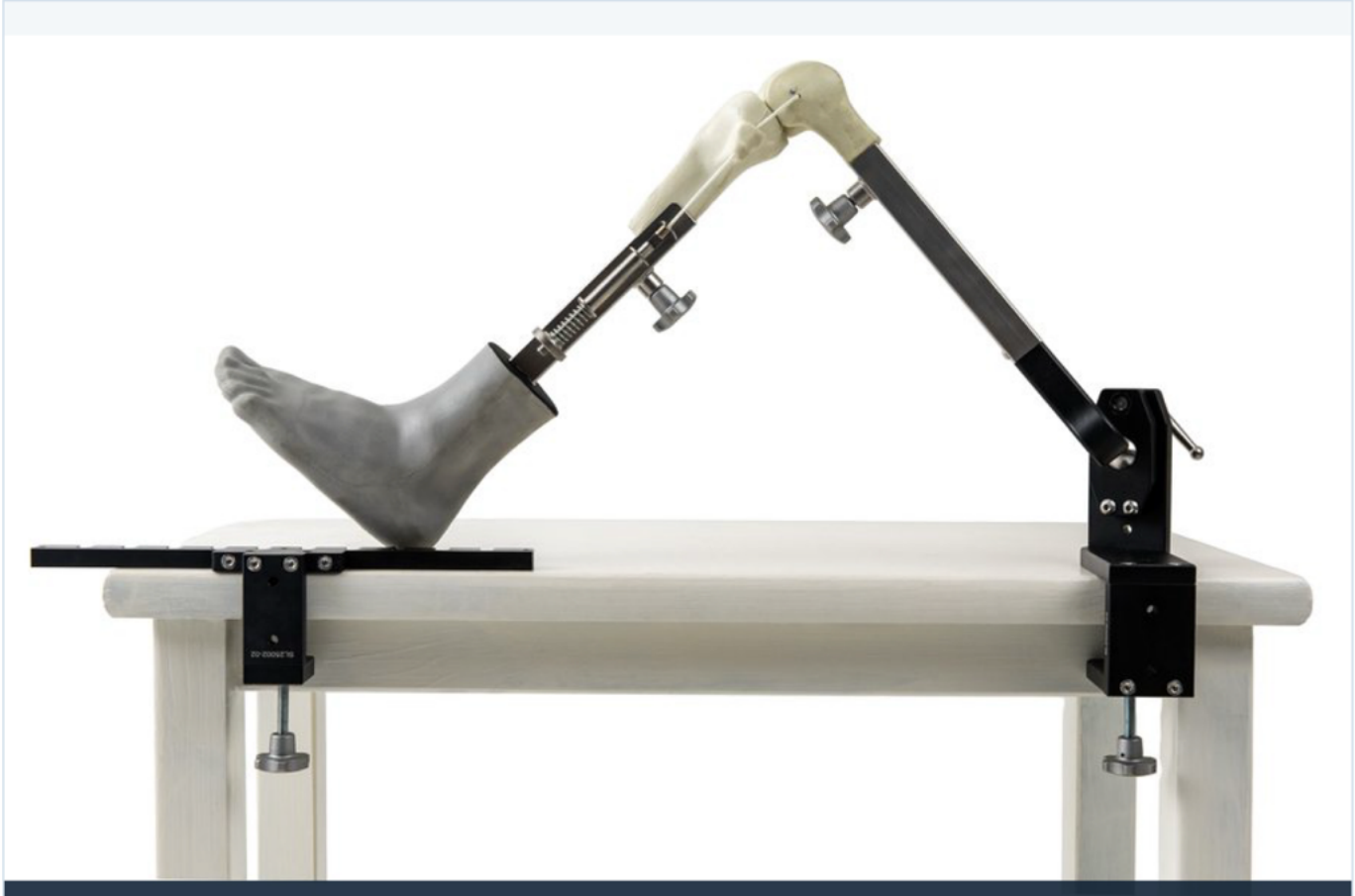
Shane's Leg Arthroplasty Training Device

CATALOGUE NO. **SLH**

Shane's Leg Arthroplasty Training Device is a dry bone holder built for orthopaedic arthroplasty training. Its single-lever ball joint locking mechanism and adjustable collateral ligament tension give surgeons, registrars, and training centres a stable, adjustable platform for simulating hip and knee positioning.

- ✓ SAHPRA Licensed manufacturer
- ✓ ISO 13485 Certified

130°	15°	65 mm	3 Models
COLLODIAPHYSEAL ANGLE	ANTEVERSION ANGLE	FEMORAL NECK LENGTH	VARUS · VALGUS · NEUTRAL



Full assembly shown, ball joint locked, dual C-clamp table mount

PRODUCT FEATURES

KEY FEATURES

- ✓ Single-lever ball joint locking mechanism for one-motion positioning
- ✓ Adjustable collateral ligament tension replicates real joint resistance
- ✓ Structural frame holds the dry bone model fixed in place
- ✓ Available in Varus, Valgus, and Neutral alignment models
- ✓ Engineered to defined collodiaphyseal and anteversion angle references
- ✓ Dual C-clamp mounts secure the unit to any table edge
- ✓ Purpose-built for hip and knee arthroplasty positioning simulation
- ✓ Non-diagnostic, non-therapeutic — for training and education only

Intended Use

Shane's Leg is designed for surgeons, orthopaedic registrars, and surgical training centres who need a stable, adjustable platform to simulate hip and knee joint positioning during arthroplasty training. It has no diagnostic or therapeutic function and is not intended for patient use or contact.

PRODUCT SPECIFICATIONS

Product Type	Dry Bone Training Model
Collodiaphyseal Angle	130°
Anteversion Angle	15°
Femoral Neck Length	65 mm
Locking Mechanism	Single-Lever Ball Joint
Ligament Tension	Adjustable Collateral System
Available Models	Varus / Valgus / Neutral
Mounting	Dual C-Clamp, Table-Edge
Frame Material	Stainless Steel & Polymer
Packaging Dimensions	460 × 350 × 150 mm
Manufacturer	Blue White Capital (Pty) Ltd

CONSTRUCTION DETAIL



Single-lever ball joint lock, engraved with angle specifications



Adjustable collateral ligament tension spring at the foot mount



Dual C-clamp table mounts secure the frame at each end

Storage

Store in a clean, dry environment within its packaging (460 × 350 × 150 mm) when not in use, away from direct moisture, to protect the metal structural components and polymer parts.

Handling

Handle the ball joint locking mechanism and ligament tension adjusters with care to keep positioning accurate across sessions. Clean external surfaces after each session. For educational and training use only — not intended for patient contact.

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