

Instructions for use

ROB Knee Holder System

Product overview / Packing and unpacking



Hip Holder System components



Hip Holder System Case



Packaging inlay

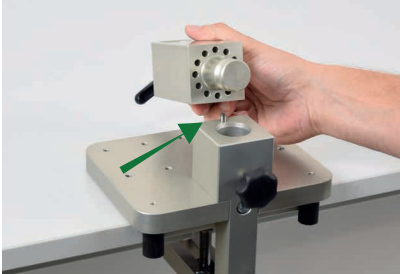
Hip Holder System components:

1. **SYNBONE** Base Table Clamp
2. **SYNBONE** Base Adapter
3. Hemi-Pelvis Clamp
4. Sleeve Clamp
5. Hip Holder System Case

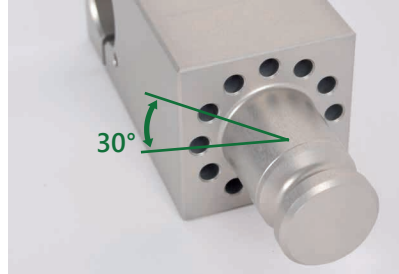
Basic setup of SYNBONE Base Table Clamp and SYNBONE Base Adapter



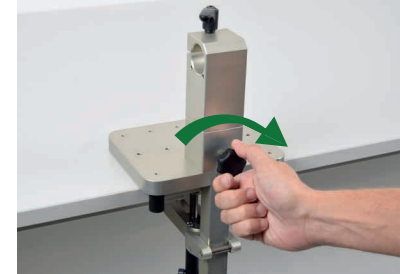
Place the SYNBONE Base Table Clamp on the table and firmly tighten the adjusting screw



Insert the SYNBONE Base Adapter in the SYNBONE Base Table Clamp



The Base Adapter's circular hole arrangement allows mounting positions in 30° angle steps



Tighten the screw of the SYNBONE Base Table Clamp



Loose the locking lever on top of the SYNBONE Base Adapter

Setup for THA workshops on acetabulum



Insert the Hemi-Pelvis Clamp into the SYNBONE Base Adapter. Choose lock position: **S**=Supine or **L**=Lateral



Loosen the screw on the Hemi-Pelvis Clamp



Open the screw on the Hemi-Pelvis Clamp



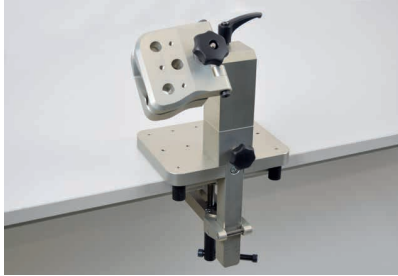
Insert the Hemi-Pelvis model and close the Hemi-Pelvis Clamp



Tighten the screw on the Hemi-Pelvis Clamp

Instructions for use Hip Holder System

Positioning of the Hemi-Pelvis Clamp



Lateral position



Lateral position



Supine position



Supine position

Setup for THA workshops on proximal femur



Insert the Sleeve Clamp into the hole of the SYNBONE® Base Adapter and tighten the locking lever



Open the Sleeve Clamp by pulling and turning the locking lever counter clockwise



Insert the notch of the SYNBONE® femur model into the matching femur sleeve



Place the cover of the Sleeve on the bottom part



Place the SYNBONE® bone model into the Sleeve Clamp and tighten the locking lever with slight pressure

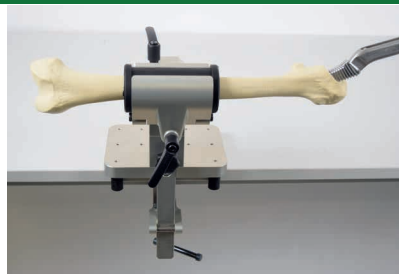
Examples for use



Acetabular reaming in lateral position



Acetabular reaming position in supine position



Femoral reaming



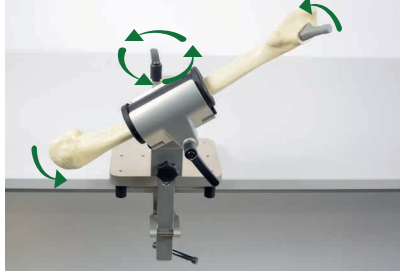
Stem insertion

Instructions for use Hip Holder System

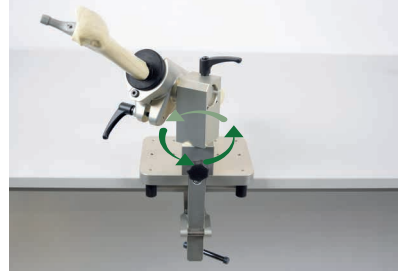
Various rotation and mounting positions



The Sleeve Clamp in combination with Femur Sleeves allows a stepless rotation of 360° along the femur axis



Open the locking lever on the Sleeve Clamp to choose the desired horizontal position of the femur



The circular hole arrangement on the SYNBONE® Base Adapter allows a rotation in 30° steps

Accessories



0030 SYNBONE® Base Table Clamp



0030.10 SYNBONE® Base Adapter



031.91 Optional Trolley wheels to Hip Holder System Case



031.91 Optional Trolley wheels to Hip Holder System Case (mounted)

Accessories



0031.10 Hemi-Pelvis Clamp left



0031.20 Sleeve Clamp



0031.40 Femur Sleeve A for large SYNBONE® Femur and large Knee models *



0031.41 Femur Sleeve A for medium SYNBONE® Femur and medium Knee models **

* **0031.40 Femur Sleeve A fits for:**
LS/LSH2335.NH Femur large left series
LS/LSH1800.NH to LS/LSH1849.NH
Knee left series
** **0031.41 Femur Sleeve B fits for:**
LS/LSH2345.NH Femur left medium series
LS/LSH2000.NH to LS/LSH 2049.NH
Knee left series

Instructions for use Hip Holder System

SYNBONE®
better education outcome

Intended use

The **Hip Holder System** is specially designed for THA Total Hip Arthroplasty workshops and trainings. This system holds various **SYNBONE®** hemi pelvis and single bone models with notches in a surgical position and can be used for surgical education. The **Hip Holder System** is not intended to be used in the operation room.

SYNBONE® guarantees best results with the **Hip Holder System** only by using the **SYNBONE® hemi pelvis Models** and the **SYNBONE® single bone models with notch**. The sleeves prevent the bones from slipping or moving while surgeons practice various procedures for the hip replacement. Find out more about **SYNBONE®**'s complete product portfolio for THA trainings on www.synbone.com.

Cleaning and storage

Clean the **Hip Holder System** with a damp cloth after each use. No lubrication is necessary.

To guarantee a long life of the **Hip Holder System** we recommend a storage in the **Hip Holder Case**.

Accessories

- 0030 **SYNBONE®** Base Table Clamp
- 0030.10 **SYNBONE®** Base Adapter
- 0031.10 Hemi-Pelvis Clamp left
- 0031.20 Sleeve Clamp
- 0031.40 Femur Sleeve A
- 0031.41 Femur Sleeve B
- 0031.91 Optional Trolley wheels to Hip Holder System Case

Contact us

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