

Instructions for use ROB Knee Holder System

SYNBONE®
better education outcome

Product Overview / Packing and Unpacking

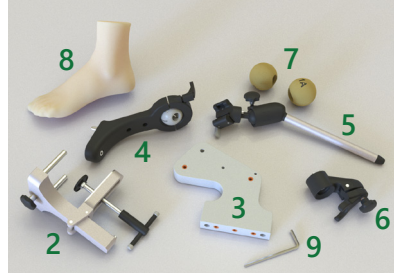
1



ROB Knee Holder System Case...



...with packaging inlay

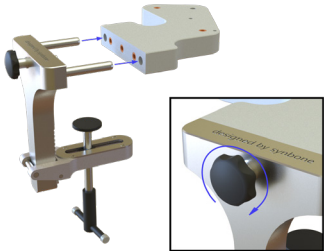


ROB Knee Holder System
components

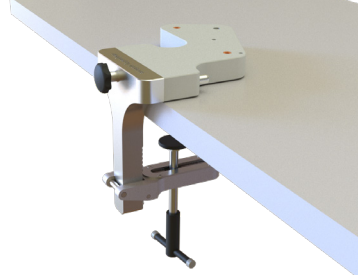
ROB Knee Holder System consists of:

- | | |
|-----------------------------------|-----------------------------------|
| 1. ROB Knee Holder System Case | 6. Femoral Head Support |
| 2. Table Clamp | 7. 2 Femoral Head Hemisphere Sets |
| 3. Base Plate | 8. Reference foot left |
| 4. Knee Support Base | 9. Allen Key Size 6 |
| 5. Knee Support with Notch Holder | |

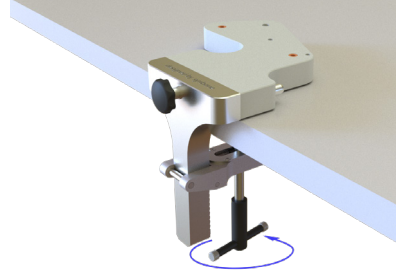
Assembling (The following is for use with left-sided knee models)



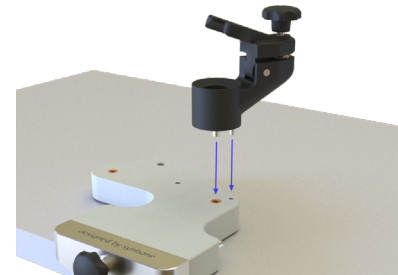
Attach the Table Clamp to the
Base Plate and tighten the star knob



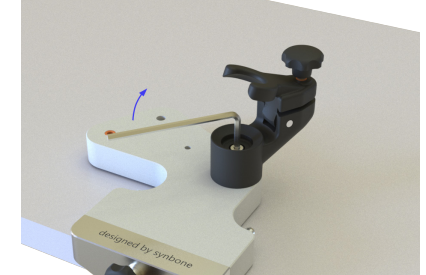
Place the Base Plate on the table...



...and fix it to the table using the Table
Clamp's spindle



Attach the Femoral Head Support to the
Base Plate...



...and tighten the screw with the
Allen Key

Assembling



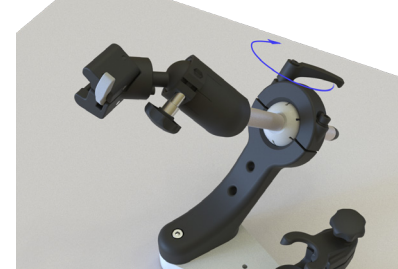
Attach the Knee Support Base to the
Base Plate...



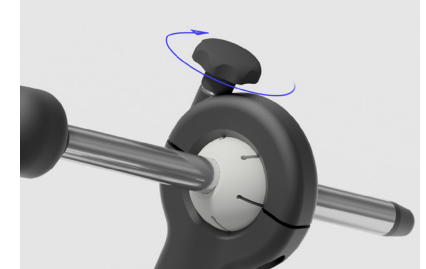
...and tighten the screw with the
Allen Key



Insert the Knee Support's rod into the
ball of the Knee Support Base...



...and tighten the hand lever...

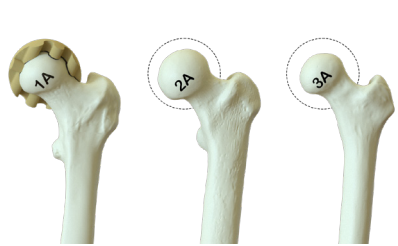


...or the star knob
(depending on your setup)

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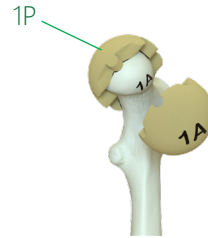
Attaching the Femoral Head Hemisphere Set



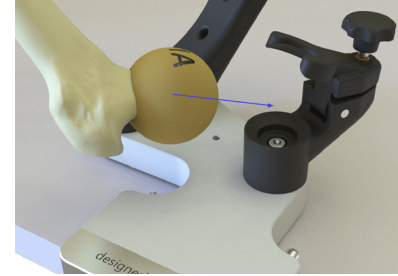
The size of the femoral head is marked on all SYNBONE knee models



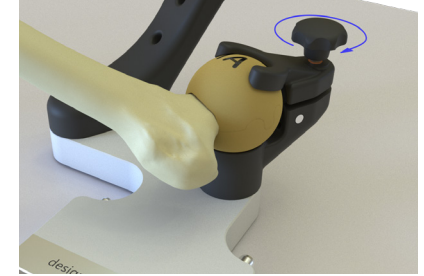
A painted contour line represents the perimeter of the hemisphere set to find the correct orientation easily



Mount the posterior (P) and anterior (A) hemisphere on the femoral head

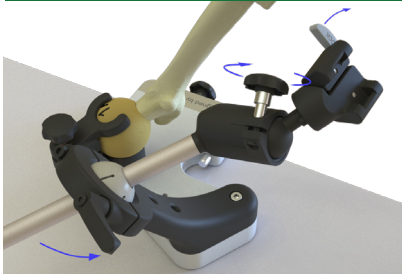


Attach the femur with mounted hemisphere set to the Femoral Head Support...



... and securely tighten the star knob

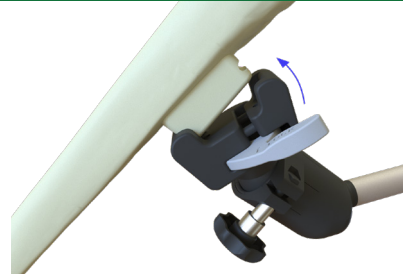
Attaching the Knee Model



Loosen the hand lever, the star knob and the lock lever before performing further steps



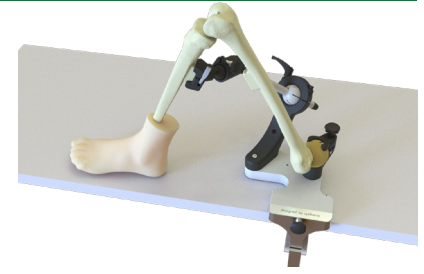
While holding the bone in one hand and the Notch Holder in the other...



... push the bone notch into the Notch Holder...



...and engage the locking lever



The knee model is now ready to use

General Use and Range of Motion



Notch holder securing the tibia (for procedures that focus on the tibia)



Notch holder securing the femur (for procedures that focus on the femur)



Range of Motion



Range of Motion



To use the ROB Knee Holder System with right-sided knee models the Base Plate has to be flipped by 180°

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Intended Use

The **ROB Knee Holder System** is especially designed for standard Total Knee Arthroplasty applications and for robotic or navigated training procedures. This system holds various **SYNBONE®** knee models with notches in a surgical position and can be used for surgical education. It is applicable for left and right sided knee models. The notch holder supports either the tibia or femur, depending on the extremity to be utilized. The **ROB Knee Holder System** is not intended for use in any operation room.

SYNBONE® guarantees the best results with the **ROB Knee Holder System** only if **SYNBONE® knee models with notches** are used along with their corresponding **SYNBONE® Femoral Head Hemisphere sets**. The notches and the notch holder prevent the bones from slipping or moving while surgeons practice various aspects of the total knee replacement training exercise. Find out more about **SYNBONE®**'s complete product portfolio for Total Knee Arthroplasty training exercises by visiting www.synbone.com.

Cleaning and Storage

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

To guarantee a long life of the **ROB Knee Holder System** we recommend storing all components in the **ROB Knee Holder Case** when not in use.

Contact Us

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Accessories

Left-sided model

0037.40.1AP	ROB Knee Holder Femoral Head Hemisphere Set 1 anterior posterior
0037.40.2AP	ROB Knee Holder Femoral Head Hemisphere Set 2 anterior posterior
0037.40.3AP	ROB Knee Holder Femoral Head Hemisphere Set 3 anterior posterior
0037.40.4AP	ROB Knee Holder Femoral Head Hemisphere Set 4 anterior posterior
0037.40.5AP	ROB Knee Holder Femoral Head Hemisphere Set 5 anterior posterior

Right-sided model

0037.40.6AP	ROB Knee Holder Femoral Head Hemisphere Set 6 anterior posterior
0037.40.7AP	ROB Knee Holder Femoral Head Hemisphere Set 7 anterior posterior
0037.40.8AP	ROB Knee Holder Femoral Head Hemisphere Set 8 anterior posterior

0037.60	ROB Knee Holder Allen Key, size 6
0037.90	ROB Knee Holder Transportation Case
0037.91	Optional Trolley Wheels for ROB Knee Holder Case