

Instructions for use Skull Holder System

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Product overview / Packing and unpacking



Skull Holder System Case



Packing: The Skull Holder System Tray is stored on the upper level



Packing: Supporting Column, Pin Adapter, Hemi-Skull Adapter, C-Clamps and Hex wrench on lower level inlay



Skull Holder System components

Skull Holder System components:

1. Skull Holder System Case
2. Skull Holder System Tray
3. Supporting Column
4. 3-Pin Adapter
5. Hemi-Skull Adapter
6. C-Clamps
7. Hex wrench

Basic setup of SYNBONE® Skull Holder System



The 4-hole array allows mounting positions in 90° angle steps. Place the Supporting Column on the tray...



... and tighten the locking screw located on the bottom side of the tray



The Skull Holder System is now ready for use



For a firm hold during the workshop use the two C-Clamps to secure the Skull Holder System onto the table

Various rotation positions using the 90° positioning holes on the tray



To select the preferred working position open and re-tighten the locking screw on the bottom side of the tray



Dexter lateral position



Anterior position



Sinister lateral position

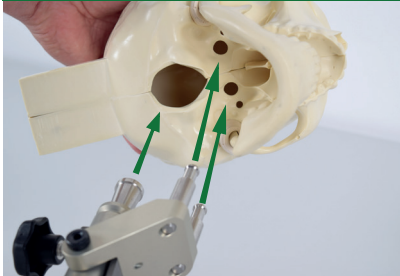


Posterior position

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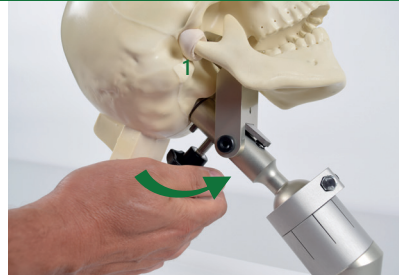
Setup for CMF workshops with Skulls / Partial Skulls / Maxillas with Mandibles



Insert the three pins of the 3-pin adapter into the three holes of the skull model



Fit the skull model firmly on the three pins...



and tighten the screw of the 3-pin adapter

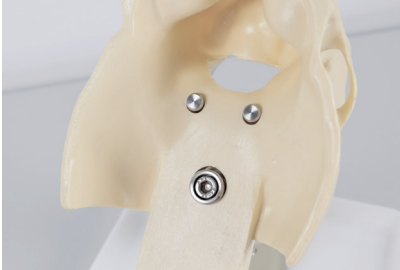


To rotate the skull model loosen the locking lever of the clamping ring...



... turn the skull model in the desired position and tighten the locking lever

Mounting partial skull models and maxillas



When using partial skull models or maxillas insert the three pins of the 3-pin adapter into the models



i.e. partial **SYNBONE®** skull model with Easy Clip mandible



i.e. partial **SYNBONE®** skull model without mandible



i.e. **SYNBONE®** maxilla without mandible

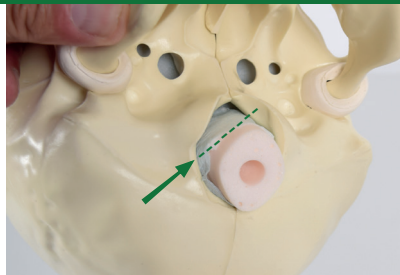


i.e. **SYNBONE®** maxilla with Easy Clip mandible

Setup for NEURO workshops with skulls with brain



Before using skull models with brain, the large pin has to be removed from the 3-pin adapter...



...and the brain stem has to be cut off to avoid a pushing up of the brain into the skull cap



Unlock the screw of the large pin with the hex wrench, remove it from the 3-pin adapter...



... and insert the pin in the hole on the back of the Supporting Column



The skull with brain can now be mounted as described in the set up for CMF workshops

Instructions for use

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Exchanging the hemi-skull adapter for half shell skull models



Before using half-shell skull models the 3-pin adapter has to be replaced with the hemi-skull adapter



Unlock the locking lever and lift the clamping ring from the bracket



Pull out the 3-pin adapter together with the clamping ring



Pull the clamping ring over the ball head of the hemi-skull adapter



Push the ball head into the Supporting Column and pull the clamping ring over the bracket

Exchanging the hemi-skull adapter for half shell skull models



The **Skull Holder System** is now ready to use for half-shell skull models



Press and hold the button of the locking bolt and remove it from the hemi-skull adapter



Position the half-shell skull model and insert the locking bolt. Press and hold the button while inserting the bolt



Make sure the cutout of the half-shell skull model fits to the pin of the notch



The **Skull Holder System** is ready to use with half shell skull models

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Intended use

The **Skull Holder System** is specially designed for Skull Holder System for CMF Trauma, Orthognathic and Neuro Surgery Education. This clever system holds all **SYNBONE®** skulls, partial skulls, half-shell skulls and maxillas with or without vice attachment in a surgical position. SYNBONE's mandibles with Easy Clip mechanism offer the highest flexibility combining the products with all our Easy Clip skull models and maxillas. The **Skull Holder System** is not intended to be used in the operation room.

SYNBONE® guarantees best results with the **Skull Holder System** only by using the **SYNBONE® CMF and NEURO bone models delivered after July 12th, 2021. A list of all compatible models can be downloaded in our online catalogue / article no. 0038.50.**

The included c-clamps prevent the system from slipping or moving while surgeons practice various procedures. Find out more about **SYNBONE®**'s complete product portfolio for Trauma, Orthognathic and Neuro Surgery Education on www.synbone.com.

Cleaning and storage

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

To guarantee a long life of the **Skull Holder System** we recommend a storage in the **Skull Holder System Case**. To avoid damage of the foam inlays keep the **Skull Holder System** case side up at all times.

Contact us

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