

# OPERATING MANUAL

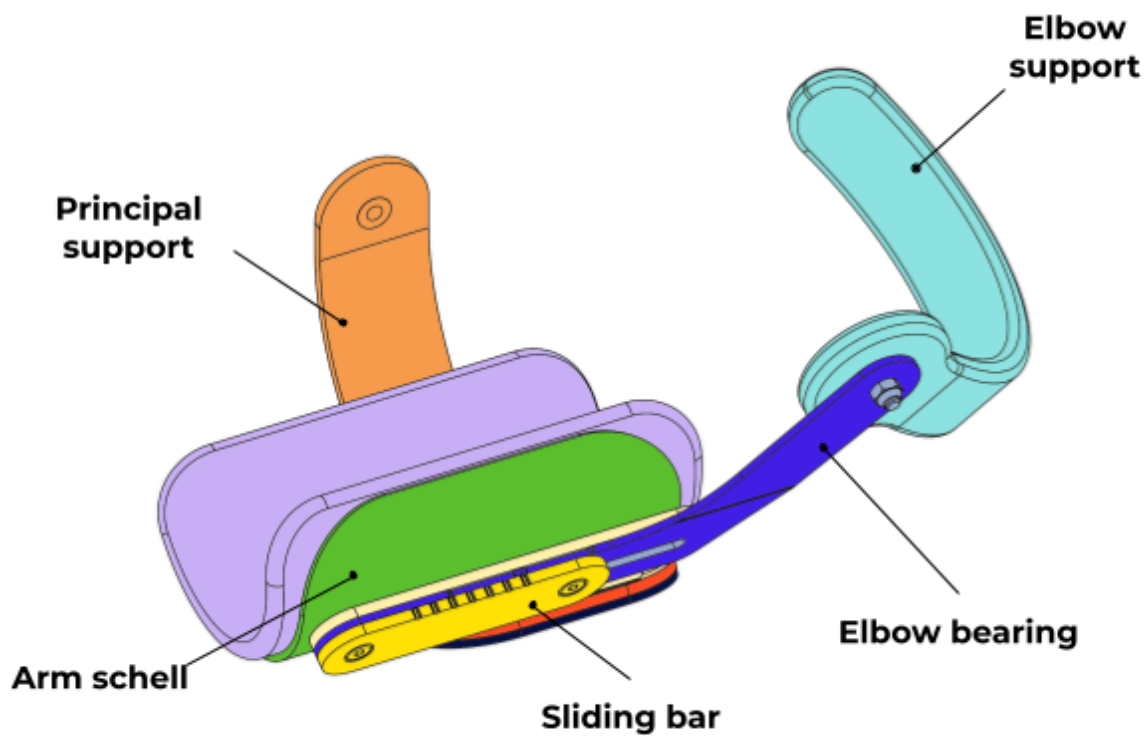
# **ORTHOPUS ARM**

# **BRACE**



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## 1. ILLUSTRATED DIAGRAM OF THE ARM BRACE

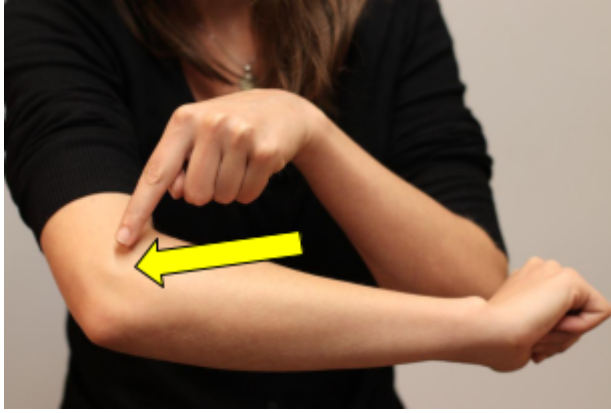




## 2. CHOOSE THE RIGHT ARM SCHELL SIZE - before the fitting


**Supplies** : tape measure, marker



These measures must be taken **before** the installation in order to command the right arm cradle size for the patient. **The right arm cradle size is critical to take full advantage of the ORTHOPUS Supporter.**

1		Find the patient's lateral epicondyle.
2		Measure the distance from the lateral epicondyle to the outermost part of the ulna.
3		Calculate the third of this distance. Then, starting from the epicondyle, mark that distance with a dot. This will be the <b>arm's balance spot</b> .



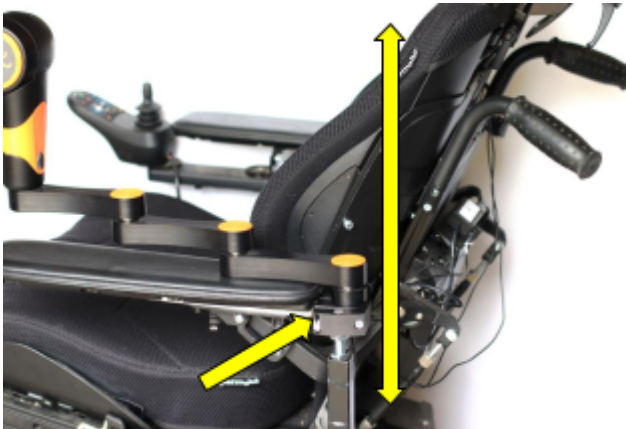
<b>4</b>		<p>Place the tape measure on this dot, and wrap it around the forearm to obtain the <b>circumference</b>.</p>
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The calculated circumference allows you to choose the right arm shell size:

Circumference close to:	Orthèse correspondante:	<b>If you have any doubt, opt for an arm shell one size up.</b>
188 mm	<b>S</b>	
251 mm	<b>M</b>	
314 mm	<b>L</b>	
355 mm	<b>XL</b>	

### 3. ARM BRACE INSTALLATION AND FITTINGS

**Supplies** : Allen key 2.5mm, Marker

CHECK THAT THE ORTHOPUS SUPPORTER IS POSITIONED CORRECTLY		
<b>1</b>		<p>The attachment point has to be aligned with the shoulder, behind the armrest. If fitted on a mobile surface, it must be positioned as near as possible to the wheelchair.</p>



## FIT THE ARM BRACE ON THE ORTHOPUS SUPPORTER

2



On the side chosen by the user.

## ADAPT THE ELBOW SUPPORT TO THE USERS ARM

3



Fix the arm brace on the ORTHOPUS Supporter.  
Twist the elbow support to form an arc.

## FIND THE BALANCE POINT

4



With the 2.5mm Allen key, lightly unscrew the 2 sliding bar's adjustment screws, in order to set the principal and the elbow support as far from one another as possible.

*It isn't necessary to remove the screws completely to move the sliding bar!*



**ORTHOPUS**

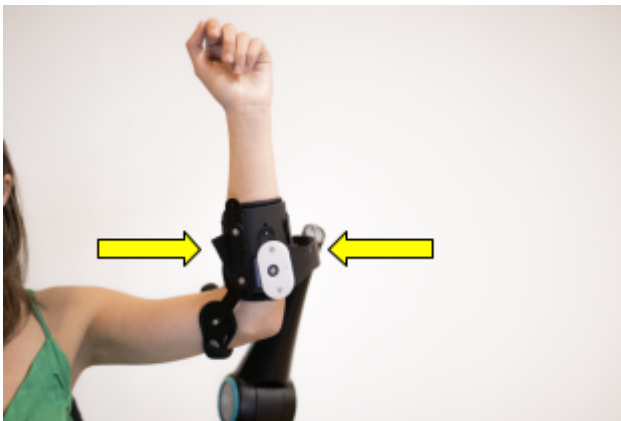
Operating manual ORTHOPUS Arm brace - 2023/09/28 - v2.0

5



Place the patient's arm in the brace.  
Turn on the ORTHOPUS Supporter, choose the FIXE mode and with the buttons, position the arm brace a few centimeters above the armrest.

6



**Position the white part called the arm brace's pivot on the dot you marked previously (arm balance point - p3).**

*If the arm doesn't stay horizontally, move it back or forth in the arm brace to find a steady position. The arm shouldn't be leaning forwards or backwards.*





## ADJUST THE ELBOW SUPPORT

7



Move the elbow support on the sliding bar until it touches the arm. Rescrew the screws to fix the elbow support.

8



Adjust the elbow support, by turning it up or down (with the elbow support orientation screw) and bending it around the user's arm.

9



Attach the fastening velcro strap for more support



## CHECKING

10



Ask the user to perform daily, typical movements, using the **STATIONARY** mode. readjust the arm brace if necessary.

11



If needed, lower the armrest's height to keep the shoulder from shifting upwards when using the ORTHOPUS Supporter.

12



Be sure of the user's comfort, ask him about potential pain and perform skin checks : redness, warmth, itching etc.



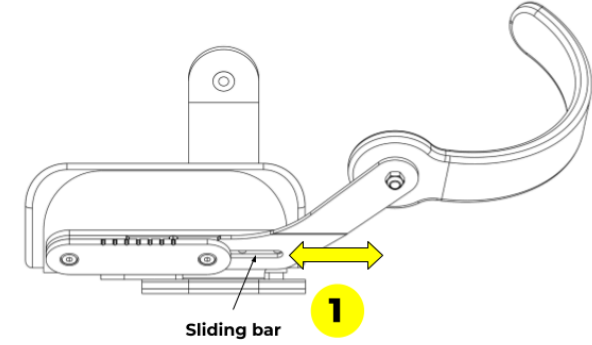
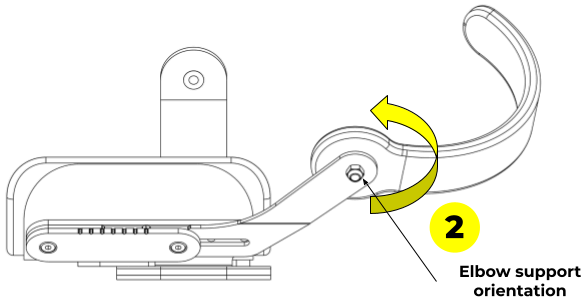
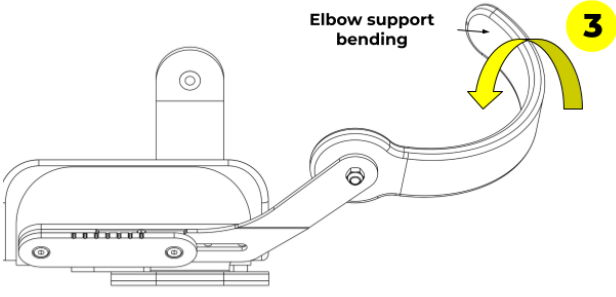


## 4. SETTING FEATURES SUMMARY

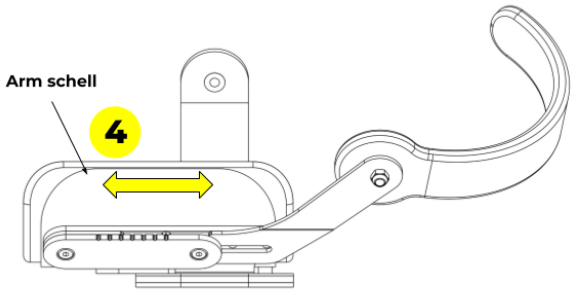
**Supplies** : allen key 2.5mm

NB : These settings can be adjusted separately during the fitting process. The purpose always being the users' comfort.

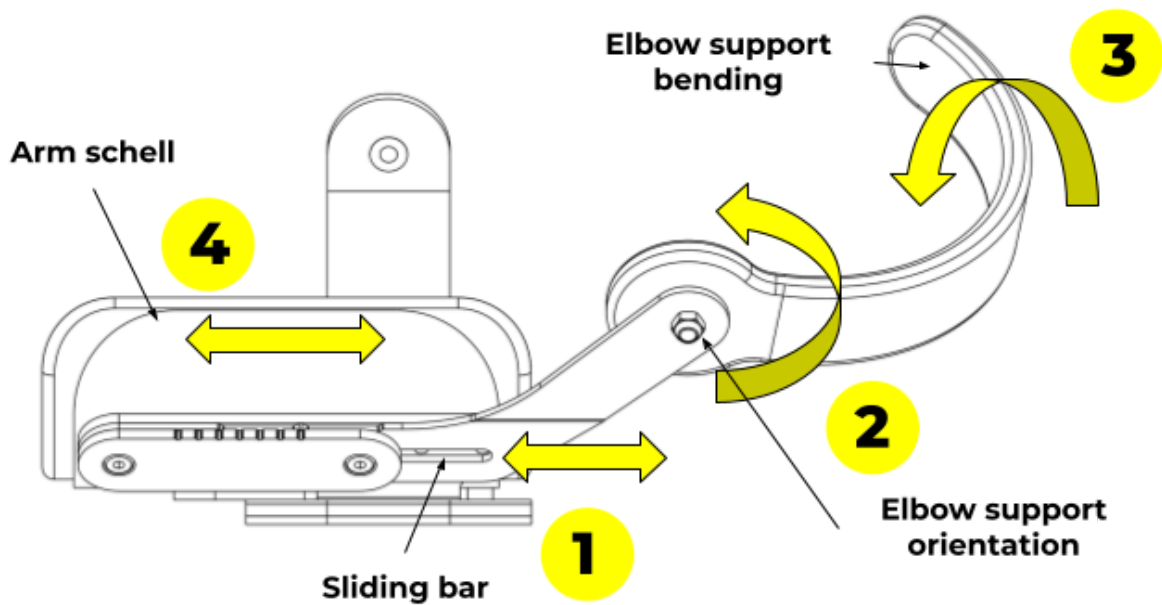
We encourage you to control and adjust some settings over time.

<p>1</p>	 <p>Sliding bar 1</p>	<p>With the 2.5 mm allen key, unscrew the sliding bar's adjustment screws and move the sliding bar back and forth to find the elbow's support right position.</p>
<p>2</p>	 <p>Elbow support orientation 2</p>	<p>WITHOUT UNSCREWING THE SCREW Direct the elbow support rotating it around its axis.</p>
<p>3</p>	 <p>Elbow support bending 3</p>	<p>Adjust the elbow support's form by applying pressure and bending it with your hands. It can be formed to your will, in every way.</p>



<p>4</p>		<p>Remove the orthopedic fabric and, with the 2.5 mm allen key, unscrew the sliding bar completely and position the arm schell in the wanted position.</p>
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All 4 setting points available to adapt the arm brace to the user :



# 5. TECHNICAL DRAWING

