Perdelle - Swan Assembly Instructions

Image 1

1. TABLE OF CONTENTS

2. IMPORTANT

- **<u>READ THIS MANUAL COMPLETELY BEFORE ASSEMBLY.</u>**
- **The user is responsible for ensuring that Perdelle-Swan is used for its intended purpose.**
- **Perdelle-Swan and its accessories are not assembled by a technician, the user bears sole responsibility in the event of breakage, damage, or a device falling due to improper assembly, and Perdelle cannot be held liable. If in doubt, the technician should contact Perdelle.**
- **Do not modify the Perdelle-Swan device.**
- **The seat to be equipped must be original and not modified. Any seat that has undergone modifications before the installation of Perdelle-Swan will void the Perdelle warranty.**
- **<u>Check the assembly after a few hours of use, then once a week for 2 weeks, and thereafter regularly once a month.</u>**
- **Check the two dimensions below to ensure Perdelle-Swan can be installed.**

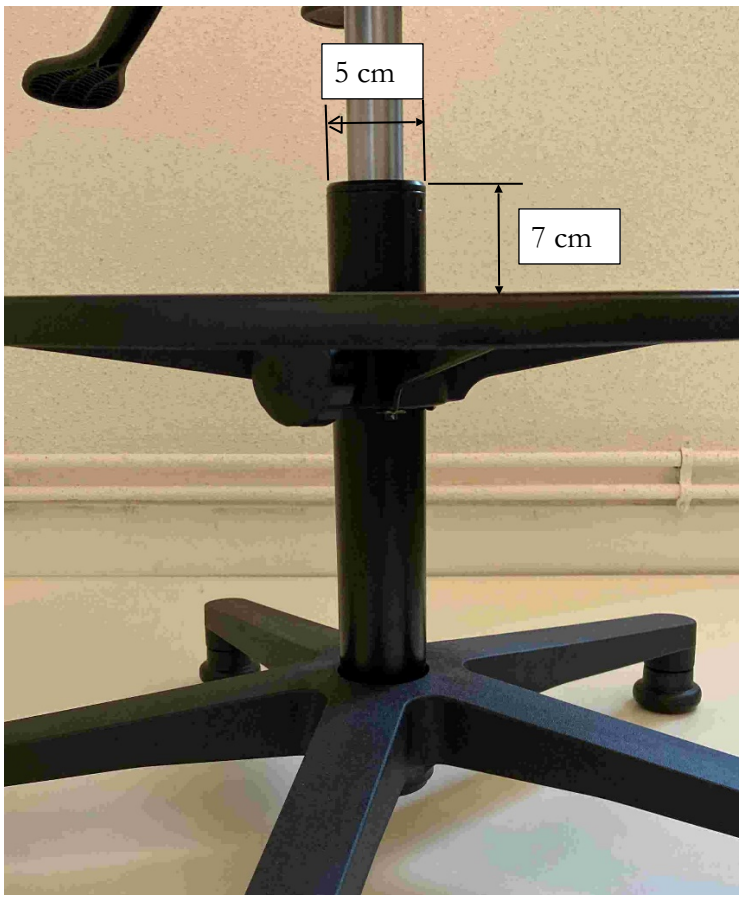
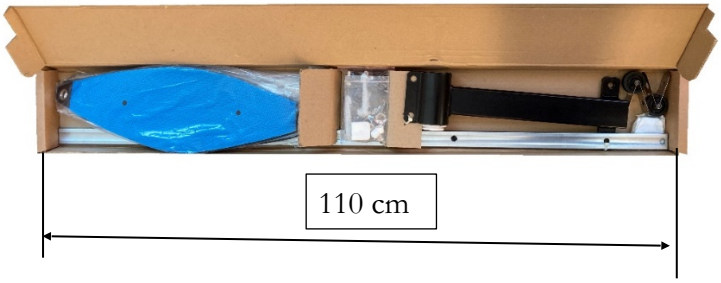


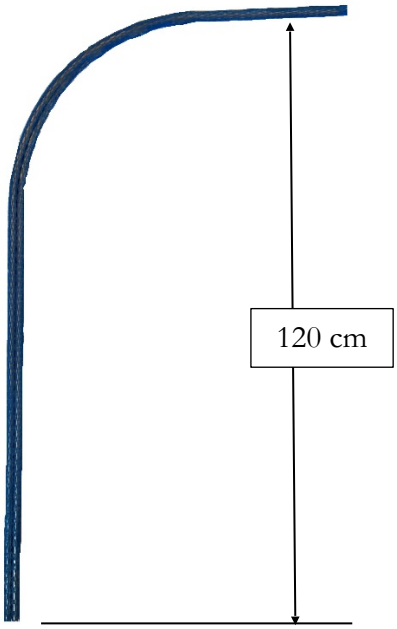
Image 2

3. PACKAGING - WEIGHT - DIMENSIONS

During delivery, you will receive two packages:

- 1 carton weighing approximately 4.5 kg
- 1 pair of bows weighing approximately 2.5 kg





4. PARTS DESIGNATION

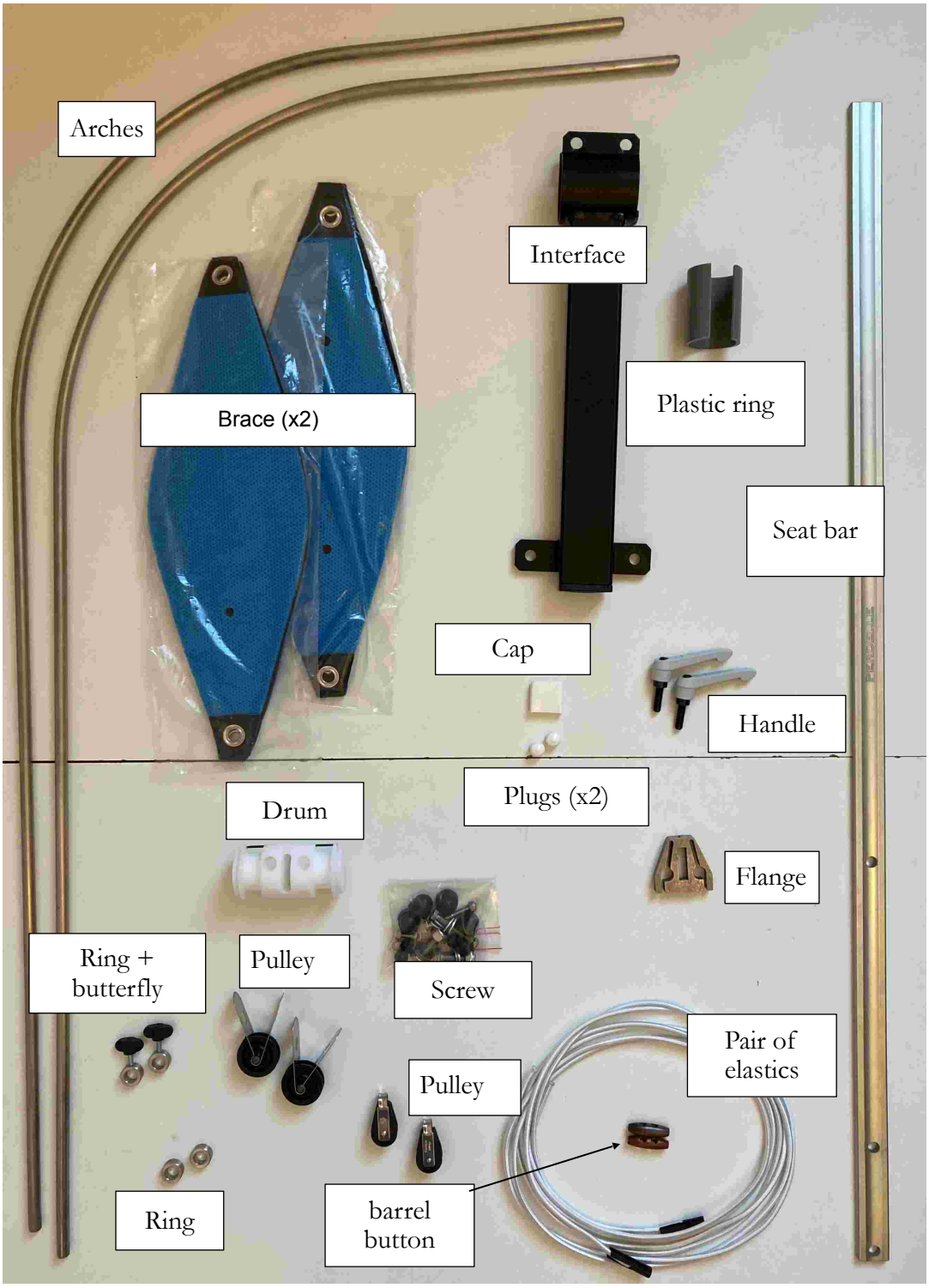


Image 3

5. ASSEMBLY

The assembly is carried out by a technician.

Required tools:

- 2 hex keys (Allen wrenches) size 2.5 and size 3
- 2 wrenches size 10
- 2 wrenches size 17
- 2 pliers (flat-nose pliers)
- 1 cutting pliers
- 1 lighter
- 1 meter (measuring tape)
- 1 colored marker

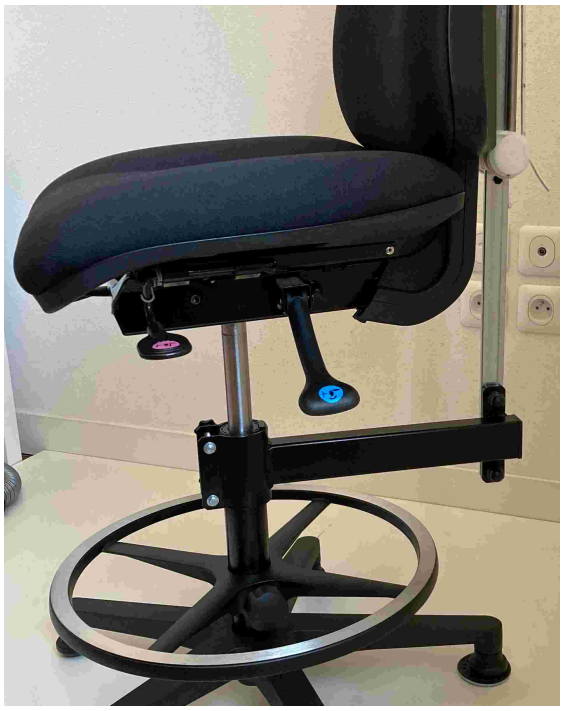


Image 4: To facilitate assembly, raise the seat to its highest position.

Image 5: View of the upper part.

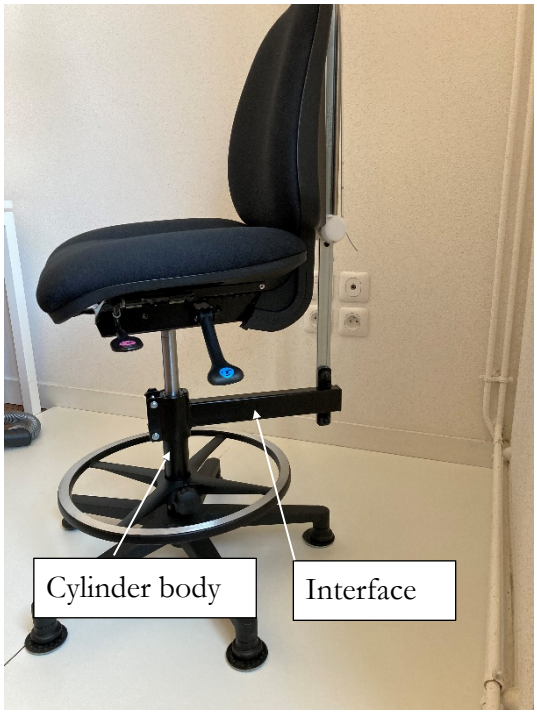


Image 6 : The first step is to install the interface on the cylinder body. To do this …

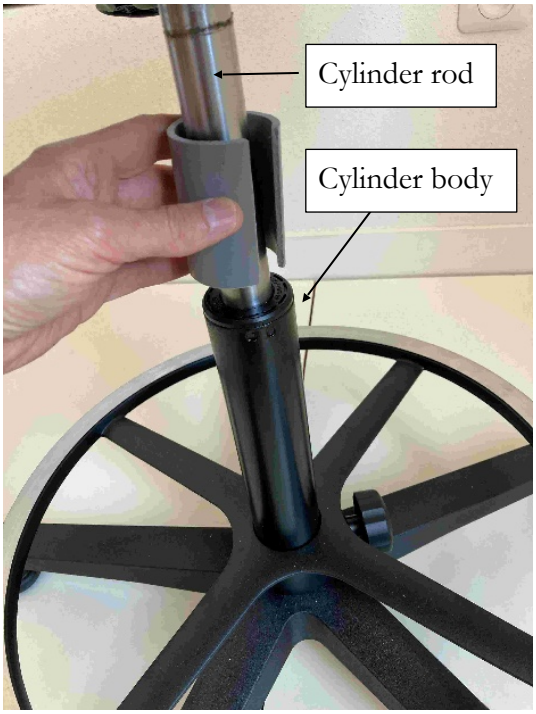


Image 7 : … slide the plastic ring onto the cylinder rod, and then …

Image 8 : … spread the ring by hand (or with pliers) to fit it over …

Image 9 : … Cylinder Body.

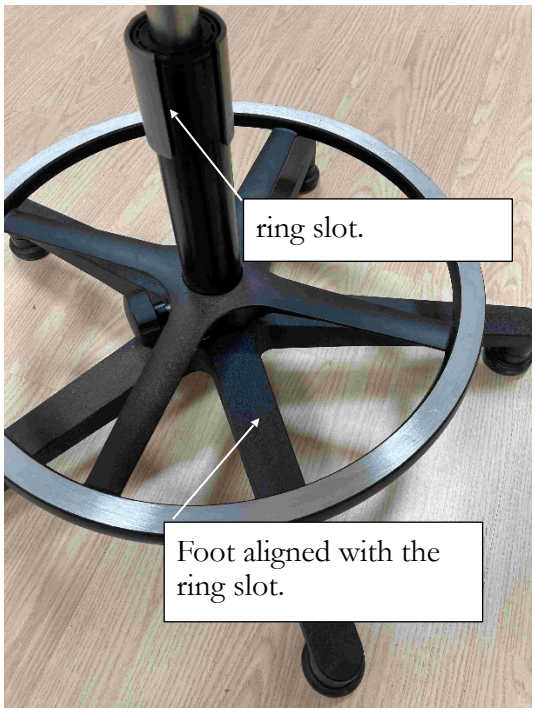


Image 10 : By hand, roughly align the slot in the plastic ring with one leg of the seat.

Image 11 : Lower the interface until its stopper contacts the cylinder body. The slot in the plastic ring and the slot in the interface should be opposite each other.

Image 12: Using the bolts, tighten the interface until it is **moderately** locked in rotation. Check that the seat can still move up and down. If the seat no longer rises, loosen the bolts slightly.

Image 13 : Place the nut covers.

Image 14 : Assemble the clamping bar using the two large bolts.

Image 15 : Place the nut covers.

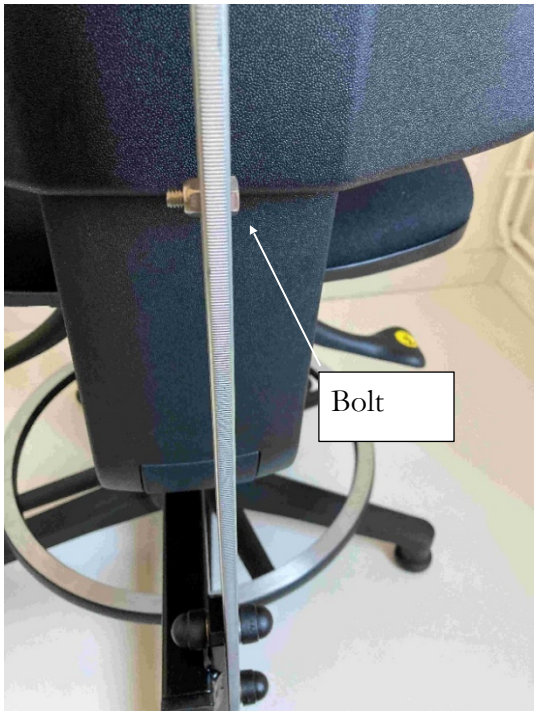


Image 16 : Screw in the small bolt.

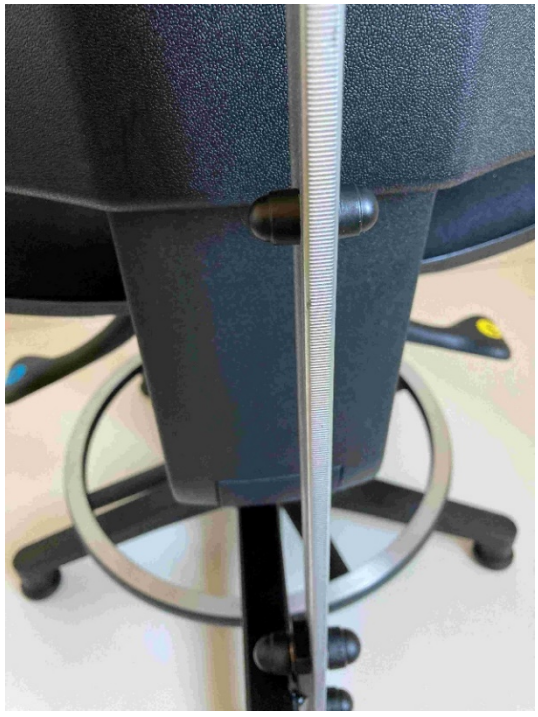


Image 17 : Place the nut covers.

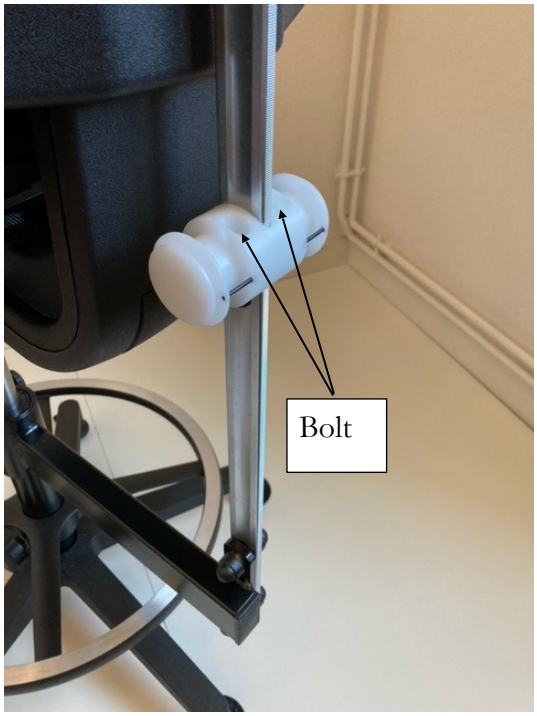


Image 18 : Slide the drum, with the two holes facing backward.

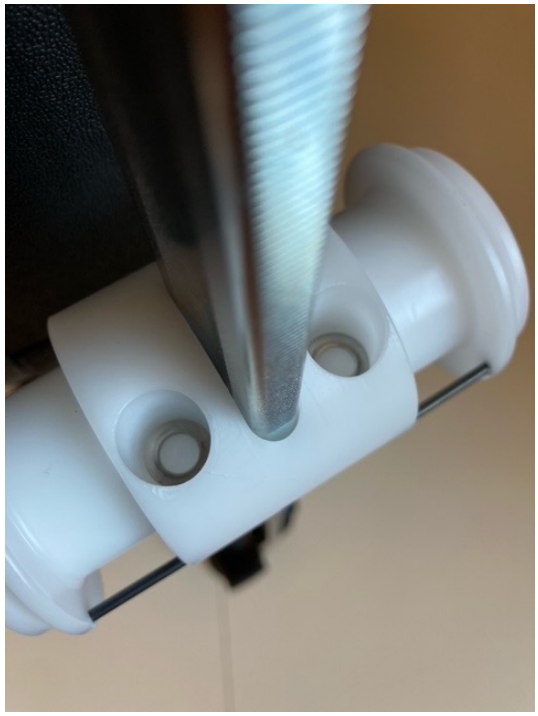


Image 19 : Place the washers into the two holes, ensuring that they are flat.

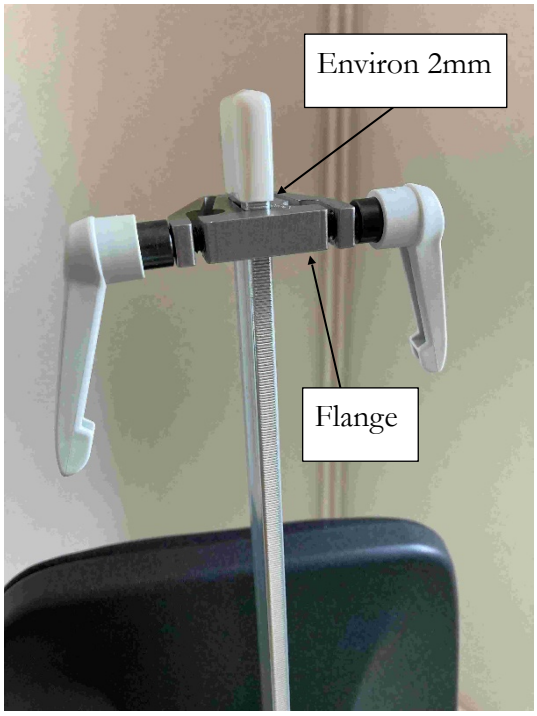


Image 20: Slide the collar, push in the white cap firmly, and raise the collar by 2mm. Tighten the collar screw securely. Screw in the handles without tightening them.

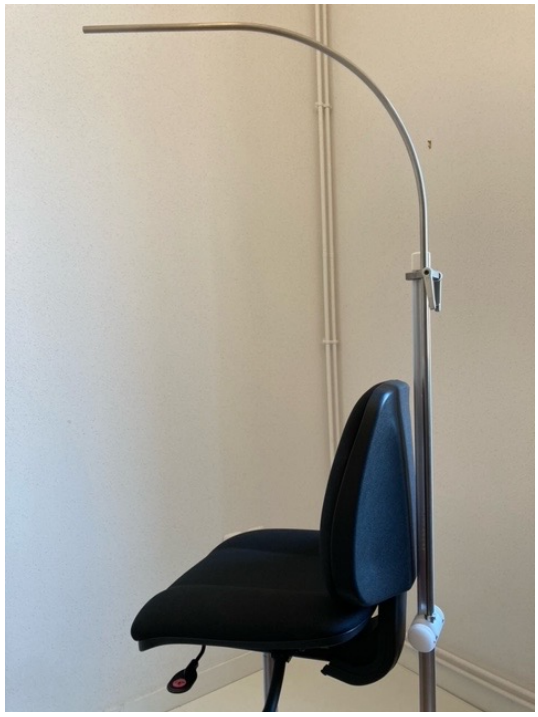


Image 21: Slide one of the bows into the collar, all the way into the hole of the drum, while also passing a ring as shown in image 22. The bow should rest at the bottom of the hole. Tighten the handle slightly to prevent the bow from rotating freely.

Image 22 : Do not tighten the ring for now.

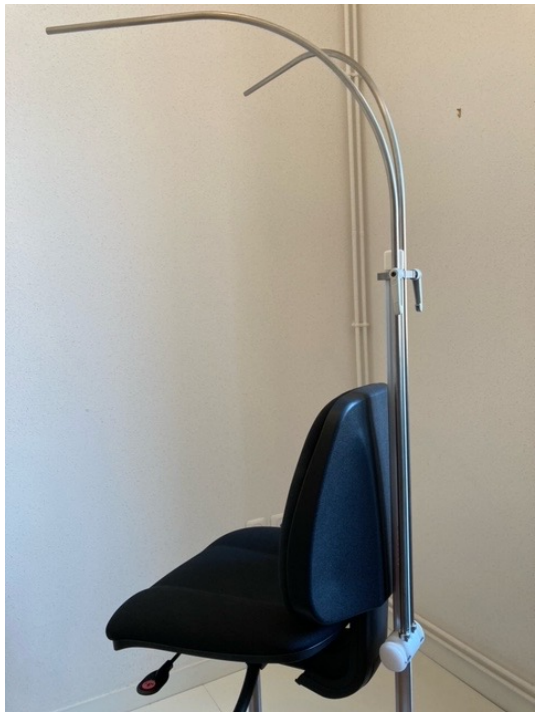


Image 23 : Assemble the second bow and the second ring as shown in image 24. Tighten the handle of the second bow slightly.

Image 24

Image 25 : Slide the rings up against the collar and tighten them. These safety rings prevent the bows from rising and coming out of the holes in the drum in case of mishandling. The handles are indexable. Once locked, it is possible to orient them by pulling on them.

Image 26 : By pinching the pulleys, slide them approximately as shown in the image.

Image 27 : Slide the rings and butterfly screws as shown in image 28 ...

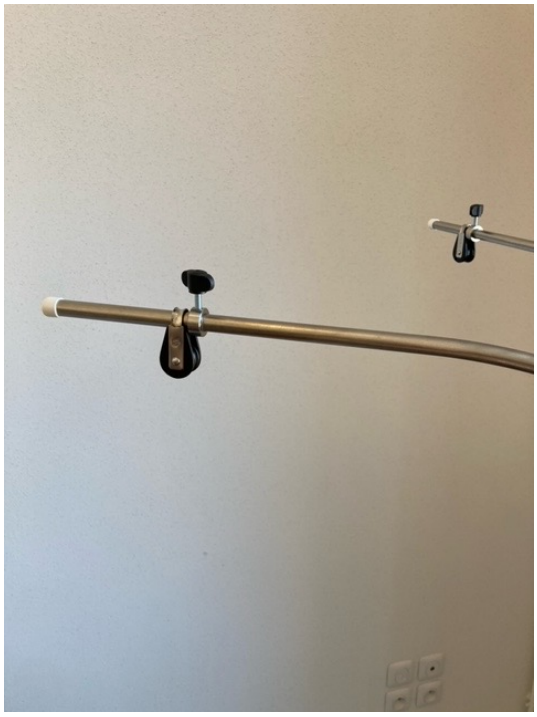


Image 29 : … then slide the pulleys and place the two small white caps.

Image 30 : Assembly of the barrel button on the elastics. For this …

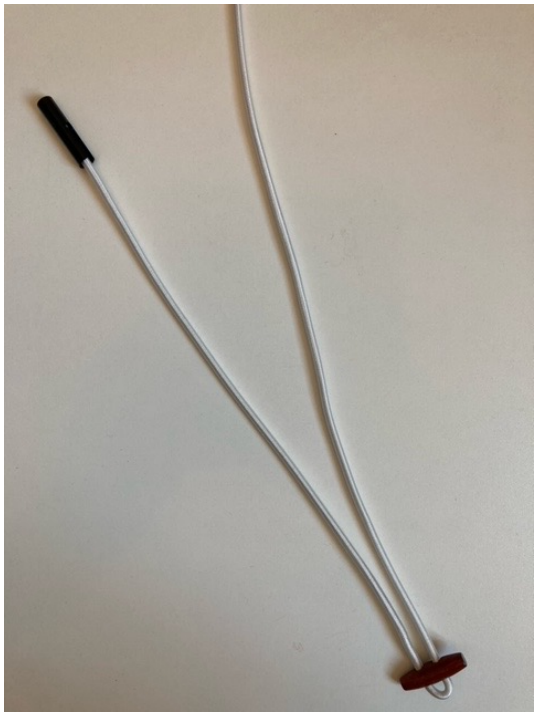


Image 31 : … slide the barrel button to 40 cm from the tilting end.

Image 32 : Pass the white end back through the loop.

Image 33 : Ensure that both lengths are identical. The assembly is ready to be installed.

Image 33 : Pass the elastics through the pulleys, with the barrel buttons against the pulleys.

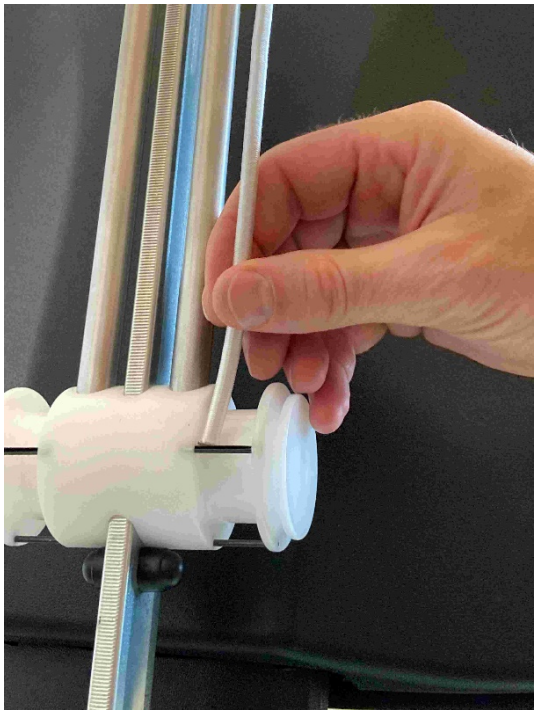


Image 34 : Pass the elastics through the first pin, and then …

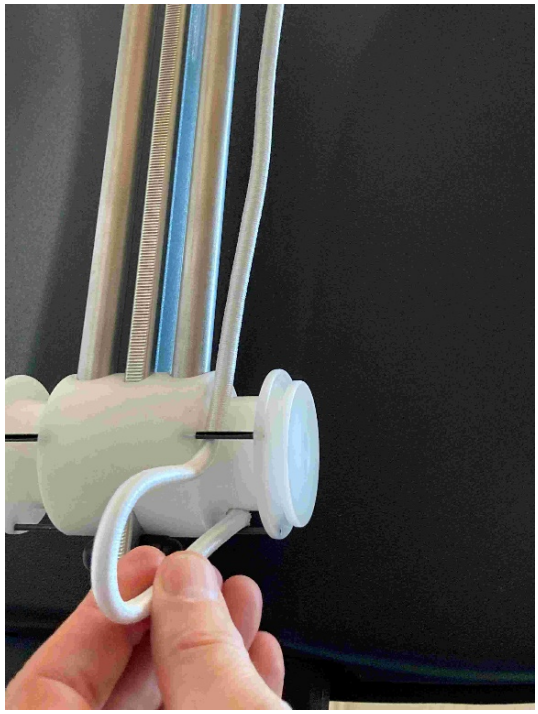


Image 35 : … through the second pin located below it.

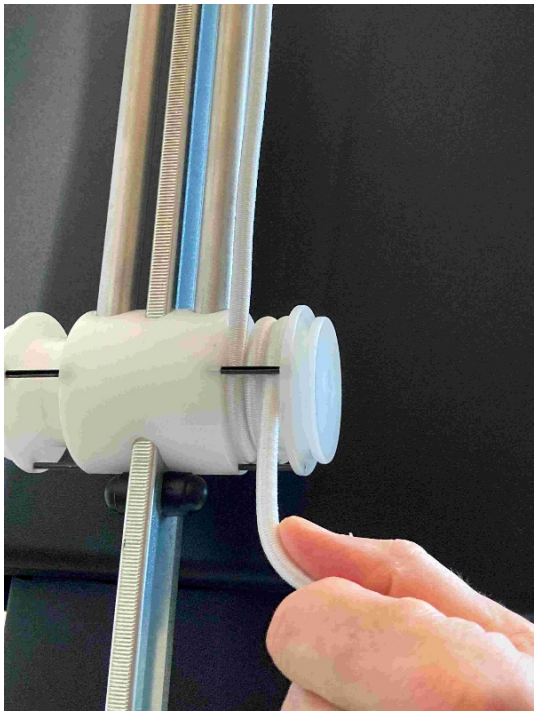


Image 36 : Make 2 full loops (do not pass through the lower pin for a third time), and then …

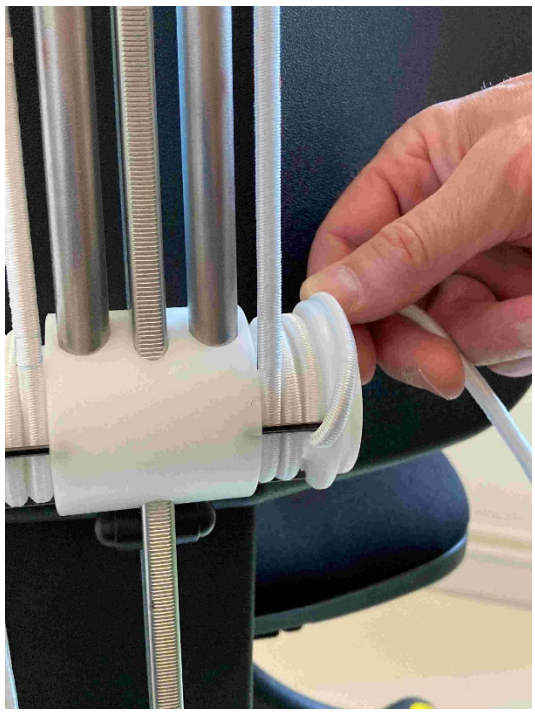


Image 37 : … secure the elastic in the groove of the drum designated for this purpose.

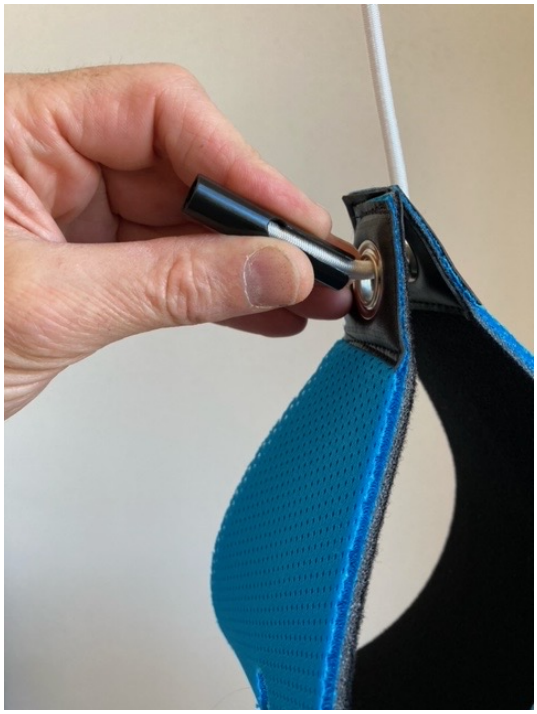


Image 38 : Thread the tilting end through the eyelets of brace and then…

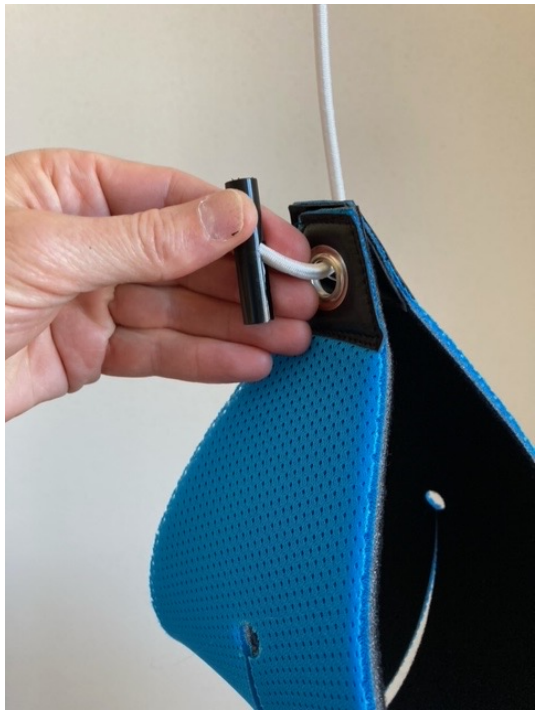


Image 39: … tilt the end.
The brace is installed

Image 40 : Optionally, cut 80 cm from the trailing part of the elastic and burn the end to prevent fraying. Be careful to ensure that the heat generated poses no danger.

Image 41: Place the usage label visibly. Perdelle-Swan is ready to be used.

6. ADJUSTING THE POSITION OF THE PULLEYS

Image 42 and Image 43 : Position the front pulleys above the elbow area (approximately vertical elastics). To do this, use the rotation of the bows and slide the pulleys along the bows.

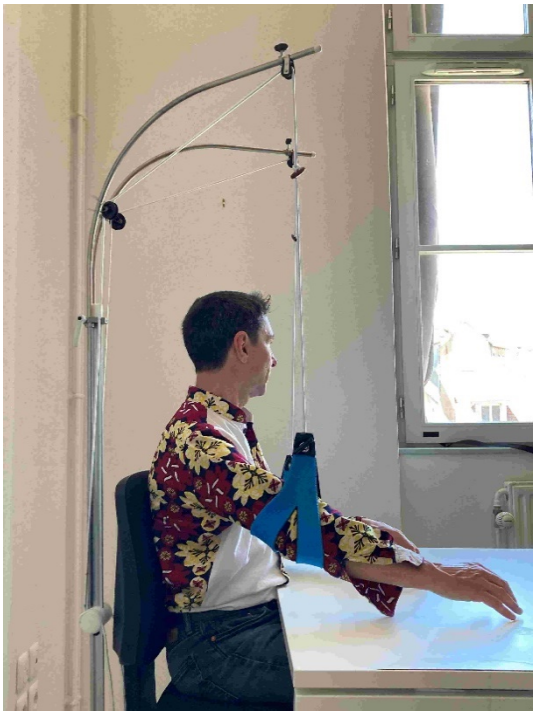


Image 43

7. ADJUSTING THE ELASTIC BANDS' TENSION

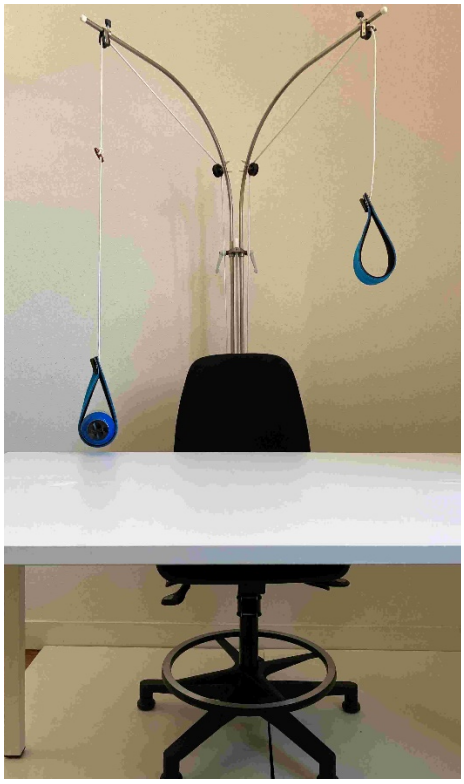


Image 44 : In the assembled configuration, Perdelle-Swan provides approximately 1.5 kg of support per brace

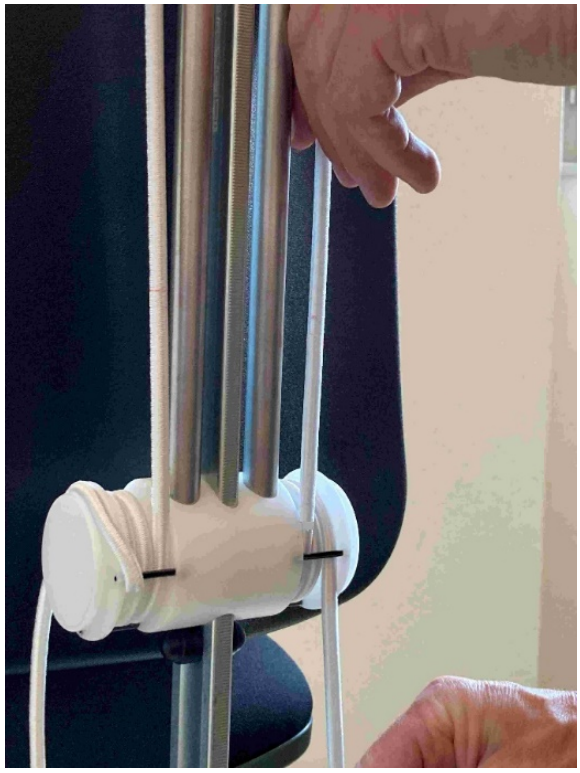


Image 45: If you want more force, remove the elastic from its groove, slide the elastic down a few centimeters, place the elastic back in its groove (Image 46), and test the comfort again. Repeat the process until the user's comfort is achieved. Please note that during adjustment, the user should remove the brace.

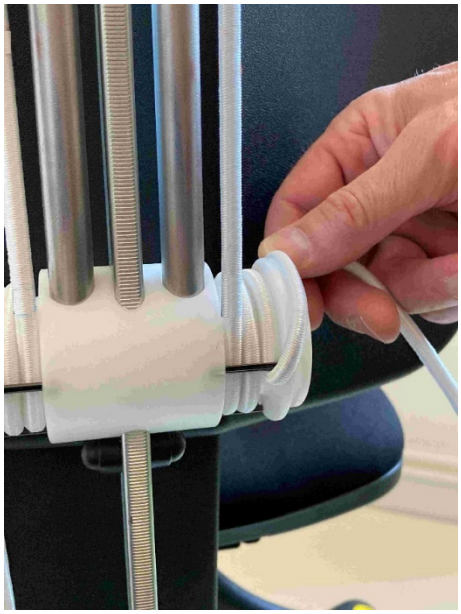


Image 46

- Test Perdelle-Swan for a few moments.

- **IMPORTANT** : When at rest in the brace , the arms should never be above the working level as shown in Image 47. Use the adjustment to achieve the position shown in Image 48.

Image 47

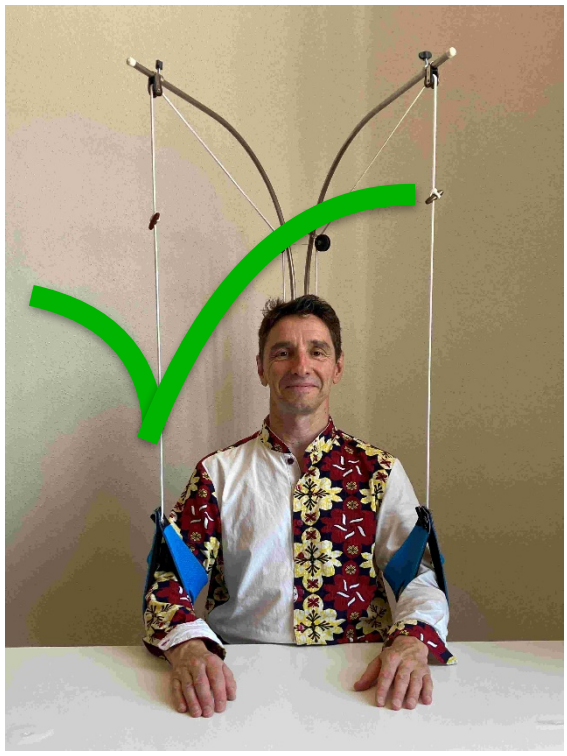


Image 48

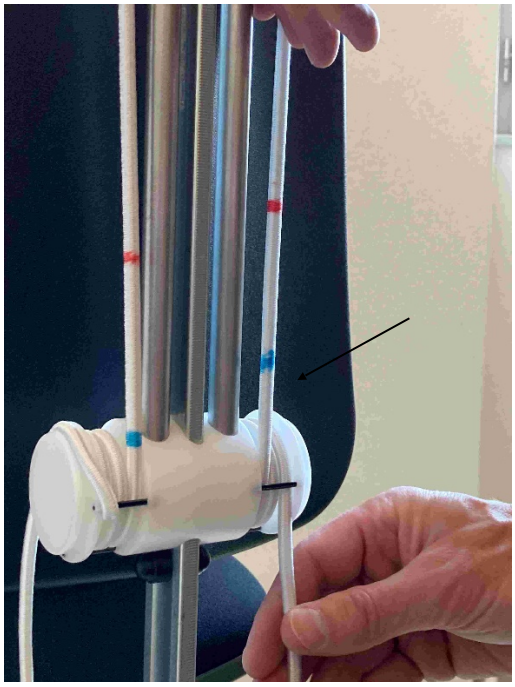


Image 49 : Once the adjustment is done, use a colored marker to mark the position. Multiple colored lines can be made in case multiple people use the device.

8. Usage

- **ATTENTION: Only put on and remove the arm band when seated. Do not put on the arm bands while standing.**
- Perdelle-Swan is not a handle! Do not pull on it to move the seat.
- The user will quickly become accustomed to the comfort provided by Perdelle-Swan. Within a few hours, the user will find the fine-tuned adjustment that suits them.
- The arm bands are generally placed at elbow level. The elbow tip fits into the slot of the arm bands to reduce sliding along the arms. The arm bands can also be placed along the forearms depending on individual comfort. Clamps can be added if necessary to tighten the arm bands on the arms.
- During use, check that in the high and low seat positions, no component collides with the interface or any part of Perdelle-Swan.
- If multiple operators use Perdelle-Swan, it is possible to use one pair of arm bands per user. There are two pairs in the delivered box.

9. MAINTENANCE - CARE - CLEANING

- **ATTENTION: Check the assembly after a few hours of use, then once a week for 2 weeks, and thereafter regularly once a month.**
- Replace the pair of elastics if one is worn or damaged.
- Perdelle-Swan does not require special maintenance. Dusting with a soft cloth is sufficient. Do not use chemicals. Any damage caused by the use of chemicals is not covered by the warranty. If in doubt, contact Perdelle.