**DEVICE PLACEMENT**

1. Check that the compression wheel is correctly set to 0.
2. Set the device placement time by turning the time indicator.
3. Push the time indicator towards the transparent base to lock it.
4. Withdraw the introducer sheath 2 to 3 cm.
5. Place the **seal one®** device on the wrist. The wrist strap fastening system and the safety tab must be on the radial side.
6. Position the central marker of the compression pad approximately 0.5 cm proximal to the puncture site. If the base (rigid transparent part) is not against the patient’s wrist properly (small wrist or off-centre puncture site), position the adapter pad for small wrists on the base (see option below*).
7. Adjust and fasten the wrist strap keeping it slightly taut, while adjusting the length.
8. Clip the safety tab.
9. If the wrist strap is too long, fold it and fasten the wrist strap onto itself for easier access to the compression safety button.

**ARTERIAL COMPRESSION**

1. Turn the compression wheel clockwise: position the marker facing the number 3.
2. Check that the back-lock is effective by turning the compression wheel anticlockwise until it locks.
3. Withdraw the introducer sheath completely.
4. If necessary, increase the compression level until bleeding stops.

**ADJUSTMENT OF COMPRESSION LEVEL**

1. Decompress by pressing the safety button and simultaneously turning the compression wheel anticlockwise.
2. Stop decompression once a drop of blood is visible.
3. Increase the compression level by gradually turning the compression wheel clockwise, until bleeding stops at the puncture point.
4. Note: If a drop of blood is not visible, position the compression level at 3.
5. Use a Doppler or pulse oximeter to check that the radial artery is not occluded.

**ARTERIAL DECOMPRESSION**

1. The artery must be decompressed in steps. To do this, press the safety button and simultaneously turn the compression wheel until the required lower level is reached. If bleeding resumes, increase the compression level again as necessary.
2. The decompression time is patient-dependent and varies depending on co-morbidities, procedure duration, anticoagulation treatment and the size of the arterial puncture site. Adjust the duration of decompression on the basis of these parameters.
3. When the zero decompression level is reached, wait for at least 15 minutes and then remove the device.
4. The **seal one®** arterial compression device should not be left in place for more than 5 hours without physician approval to avoid any risk of arterial occlusion. For example:
   - Reduce the compression level after (at least) 30 minutes, by turning the marker on the compression wheel, for example, from 6 to 4 (see image 5).
   - Note: If bleeding resumes, increase the compression level again as necessary.
   - Then, (at least) every 15 minutes, if no bleeding is observed, gradually reduce the compression level, by turning the marker on the compression wheel, for example, from 4 to 2.
   - Note: If bleeding resumes, increase the compression level again as necessary.
   - When the zero decompression level is reached, wait for (at least) 15 minutes.
   - Carefully remove the device, ensuring that there is no bleeding.

**OPTIONAL: ATTACHING THE ADAPTER PAD FOR SMALL WRISTS**

1. If you want to remove the pad:
   - Hold the device by the transparent base of the compression wheel in one hand (see image 4).
   - Use the other hand to clip the adapter pad to the inside of the transparent base with your thumb(s) (see image 6 and 7).
   - Make sure the pad is securely fastened.

**IMPORTANT**

1. The patient should be instructed not to handle the **seal one®** device, nor modify the settings due to the risk of bleeding and bruising, and to call the medical staff immediately if he/she experiences pain or bleeding.
2. See instructions for use for the indications, instructions, warnings and side effects.