

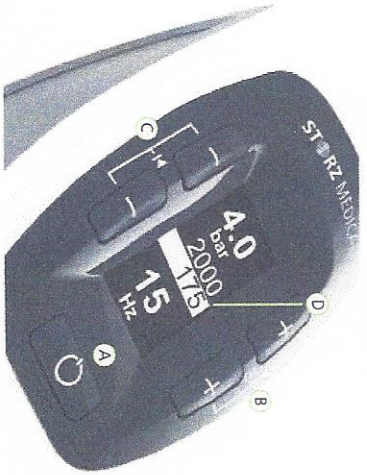
Procedure

- ⓐ On/Off button



- You can operate the handpiece manually or via the main menu.
- Please confirm the flashing display on the handpiece by pressing ⓐ.

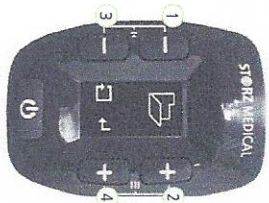
Operating the handpiece in "Active-tip-control" mode



- ⓐ Start button
- ⓑ ⓓ Adjust the pressure and frequency with the + and - buttons
- ⓒ Treatment shock counter
- ⓓ Pressing both - buttons, reset treatment shock counter
- ⓑ Pressing both + buttons, main menu

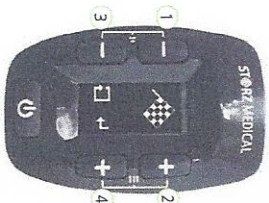
Functions in main menu

Pressing both + tip switches ⓑ takes you to the main menu. Pressing ① and ② switches between menu items. Pressing the Confirm button ④ takes you to the respective menu.



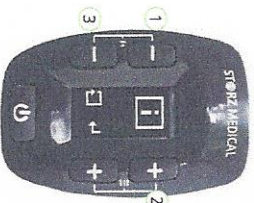
**Main menu
"Individual Parameter Setting" (IPS)**

Next press ① and ② to select your desired IPS control code and confirm by pressing ④. More detailed information on the IPS control codes can be found on the reverse. Pressing ③ takes you back to the menu.



"Nominal shock value" main menu

You can lower or raise the number of shocks in increments of 50 by pressing the ① or ② button, respectively. Confirm the nominal shock value by pressing ④. Pressing ③ takes you back to the menu.



"Information" main menu

Press ① or ② to switch between the Information menu items. Pressing ③ takes you back to the menu. More detailed information can be found under Information menu items.

Shock transmitters

- R15 shock transmitter (Ø 15 mm), all tendon attachment site illnesses, deeper effect to 35 mm
- F15 shock transmitter (Ø 15 mm), superficial treatment, cervical spine, jaw, deeper effect to 30 mm
- D115 shock transmitter (Ø 15 mm), deep treatment zones, deeper effect to 50 mm
- D20-S shock transmitter (Ø 20 mm), myofascial work, deeper effect to 50 mm

Additional shock transmitters are described in detail at www.shockwavportal.com.

Information menu items

You can read out the following data in the "Information" menu:

- 1 Reset shock counter
- 2 Total number of shocks – handpiece
- 3 Operating hours – handpiece
- 4 Total number of shocks – control device
- 5 Operating hours – control device
- 6 Software version – handpiece
- 7 Software version – control device
- 8 Hardware number – handpiece
- 9 Hardware number – control device
- 10 Boot load number – handpiece
- 11 Boot load number – control device

Recommended by experienced users. Please note that this quick reference guide does not replace careful reading of the original operating manual!

Treatment steps

Ideally, treatment is administered in three steps. If you do not have a V-VECTOR® handpiece, you can omit Step 3.

Step 1: R-SW (2000 pulses)

Depending on the depth of the structure and the patient's pain sensation, select either the R15, R15, or D115 shock transmitter. Work locally on the pain points until the character of the pain changes (biofeedback from the patient).

Step 2: R-SW (3000 pulses)

Select the D20-S shock transmitter to smooth the musculature area. This step involves lateral, dynamic work and the mobilisation of the fascia and muscle fibres.

Step 3: V-VECTOR® (5000 pulses at 2.4 bar)

Work laterally and dynamically to relax the musculature and connective tissue. The V-VECTOR® is pre-configured for 2.4 bar. After every 1000 pulses, the treatment procedure is halted and must be restarted to continue.

IPS control codes

IPS O-01

- Metatarsalgia
- Patellar tendinitis
- Epicondylitis radialis/ulnaris
- Tibial edge syndrome
- TP: Cervical syndrome

	Step 1	Step 2
Pressure	1.6	1.4
Frequency	12	18
Pulses	2000	3000

IPS O-02

- Achillodynia
- Plantar fasciitis
- Trochanteric tendinopathy
- TP: Plantar foot musculature

	Step 1	Step 2
Pressure	2.0	1.8
Frequency	12	18
Pulses	2000	3000

IPS O-03

- Tendinitis calcarea
- TP: Back pain
- TP: Forearm musculature
- TP: Periaricular shoulder pain

	Step 1	Step 2
Pressure	2.3	2.0
Frequency	12	18
Pulses	2000	3000

IPS O-04

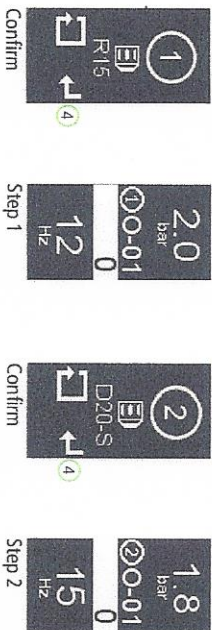
- TP: Lumbago
- TP: Shortening of calf muscles
- TP: Adductors
- TP: Shortened thigh musculature

	Step 1	Step 2
Pressure	2.5	2.2
Frequency	12	18
Pulses	2000	3000

As a rule in the IPS control codes, the R15 shock transmitter is suggested for Step 1 and shock transmitter D-20 S is suggested for Step 2. Additional shock transmitters are described in detail at www.shockwavportal.com.

“Individual Parameter Setting” (IPS)

The 17 different indications are divided into four groups. An IPS control code is assigned to each indication group. Select the IPS control code that corresponds to the respective indication and confirm by pressing (4). Step 1 of the treatment appears on the display; confirm this step again by pressing (4) and start the treatment. You can adjust the frequency and pressure at any time. After the first step of the treatment is completed, you will automatically be taken to Step 2.



Treatment

- Position the patient in a comfortable position.
- Always use gel for the link-up so that the shock waves are transmitted optimally.
- Always hold the handpiece at a 90° angle to the surface of the skin. The entire surface of the shock transmitter should be in contact with the skin.
- Begin at a moderate energy level and increase the level over the course of the treatment. Depending on the indication, up to 8000 pulses may be administered during a treatment.
- 300 – 500 pulses should be administered per pain or trigger point.
- As a rule, 3 – 6 treatments at intervals of 5 – 10 days are necessary. Follow the sequence of the individual treatment steps.