

Notes for Use VersaTrode PPT1311, PPY 1312, PPT 1313, PPT 1314

Figure 1-1. VersaTrode



1. Description

The VersaTrode[®] is a hand-held therapy head designed for use with the ProPulse VersaTron[®] shock-wave device. Only VersaTrodés can be used with the ProPulse. Refer to the ProPulse User manual for a detailed description how to use the VersaTrode with the ProPulse device.

 **CAUTION:**

Federal law restricts this device to sale by or on the order of a licensed veterinarian.

- ❶ Membrane
- ❷ Membrane Markings
- ❸ Therapy Head Grip
- ❹ Cable
- ❺ Plug Grip
- ❻ Memory Card
- ❼ Plug

Product Code	Type	Peak penetration depth	Therapy Area Focal Volume
PPT1311	R05	5 mm	∅ 6.9 mm x 40.5 mm; ±1 mm each
PPT1312	R20	20 mm	∅ 6.9 mm x 40.5 mm; ±1 mm each
PPT1313	R35	35 mm	∅ 6.9 mm x 40.5 mm; ±1 mm each
PPT1314	R80	80 mm	∅ 6.2 mm x 55.0 mm; ±1 mm each

Figure 2-1. VersaTrode Types

The peak penetration depth gives the distance from the membrane or skin surface to the therapy focus. The different therapy heads can be easily identified by the shape of the coupling membrane, which is distinctive for each type of therapy head.



To distinguish the R35 and R80 types, the R80 type is provided with a red marking (❺)
Only ProPulse trode types can be used with the ProPulse.

- ❶ VersaTrode R05
- ❷ VersaTrode R20
- ❸ VersaTrode R35
- ❹ VersaTrode R80
- ❺ Marking on VersaTrode R80



WARNING:

Always use the VersaTrode in accordance with the ProPulse User Manual



WARNING:

The VersaTrode uses High Voltage. Never use damaged VersaTodes.

CAUTION:

Take care that the VersaTrode membrane does not get damaged. In the case of skin contact with the liquid in the VersaTrode, flush immediately with water.

IMPORTANT:

Do not drop the VersaTrode. After dropping, inspect the VersaTrode carefully for any damages of membrane, cable, plug, and housing.

IMPORTANT:

Do not bend or pull on the cable. Do not put any weight on the cable. Do not use the cable for carrying the VersaTrode. Only pull using the grip.



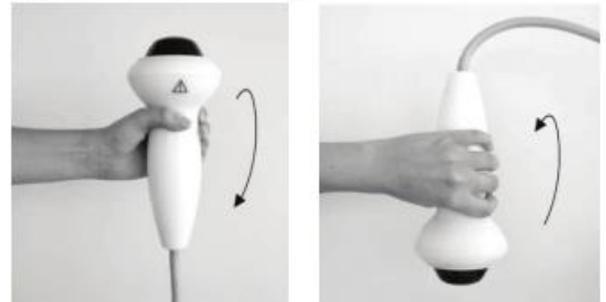
IMPORTANT:

Protect the VersaTrode Memory Card against environmental influences and soil, e.g. coupling gel, fingerprints, etc.

4. Application

Since the VersaTrode contains liquid and powder components that may separate during storage, at the beginning of a treatment session the VersaTrode may function only intermittently. This does not mean that it is faulty. In order to minimize this effect, before commencing the shock wave treatment, shake the VersaTrode two to three times holding the VersaTrode in your hand with your arm stretched out in front of you and then rotating your wrist back and forth (Figure 4-1).

Figure 4-1. Proper Shaking of the VersaTrode



5. Storage

Pack the cable of the VersaTrode loosely for storage and transport. Do not bend the cable.

6. Life Span

The number of shock waves that may be generated by the VersaTrode is limited to 50,500. The remaining number is stored on the VersaTrode Memory Card. (Figure 1-1) and is decreased with each pulse. When the counter reaches 0, the life span of the VersaTrode is expired, the VersaTrode stops releasing shock waves, and should be returned to PulseVet for refurbishment.

7. Disinfection



Caution: Before every treatment the VersaTrode is to be wiped with a disinfectant.

The method of disinfection applied must correspond to the applicable legal regulations and guidelines on disinfection.



Warning: If you use disinfectants which form an explosive gas mixture, this must first evaporate before switching the device on again.

Important: Neither the ProPulse nor the VersaTrode must be subject to a bath disinfection or sterilized in an autoclave or put into another device for sterilization.

Important: Never use corrosive, solvent, or gaseous disinfectants.

Unplug the device before disinfecting the ProPulse.

Disinfect all parts of the ProPulse, including accessories and connecting cables, by wiping only.

Do not use a spray disinfectant. The disinfectant may ingress into the device. Move the ProPulse out of the area in which a spray disinfection is to be carried out.

8. Disposal

At the end of its life span, return the VersaTrode in its original packing to PulseVet for refurbishment.

9. Environmental Conditions

Table 9-1. Transport and storage

Ambient temperature	1°C to 70°C
Rel. air humidity	10% to 98% (non-condensing)
Air pressure	500 hPa to 1060 hPa

Table 9-2. Operation

Ambient temperature	10°C to 30°C
Rel. air humidity	10% to 98% (non-condensing)
Air pressure	500 hPa to 1060 hPa



Important

The VersaTrode must not be operated in conditions under which condensation can form in the device. Operate the device only under the above-mentioned environmental conditions.

10. Patent Numbers

VersaTrode	US 6,186,963
	US 6,080,119
	US 6, 113,560



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Manufacturer's Responsibility.

PulseVet is only responsible for the safe operation, reliability and performance of the device when:

- installation, adjustment, maintenance, upgrades, and modification of the device are carried out only by persons authorized by PulseVet
- the electrical installation of the relevant room complies with national standards,
- the device is operated according to this instruction manual.

Technical features are subject to change without notice.

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