# INSTRUC-TIONS



Pulse oximetry
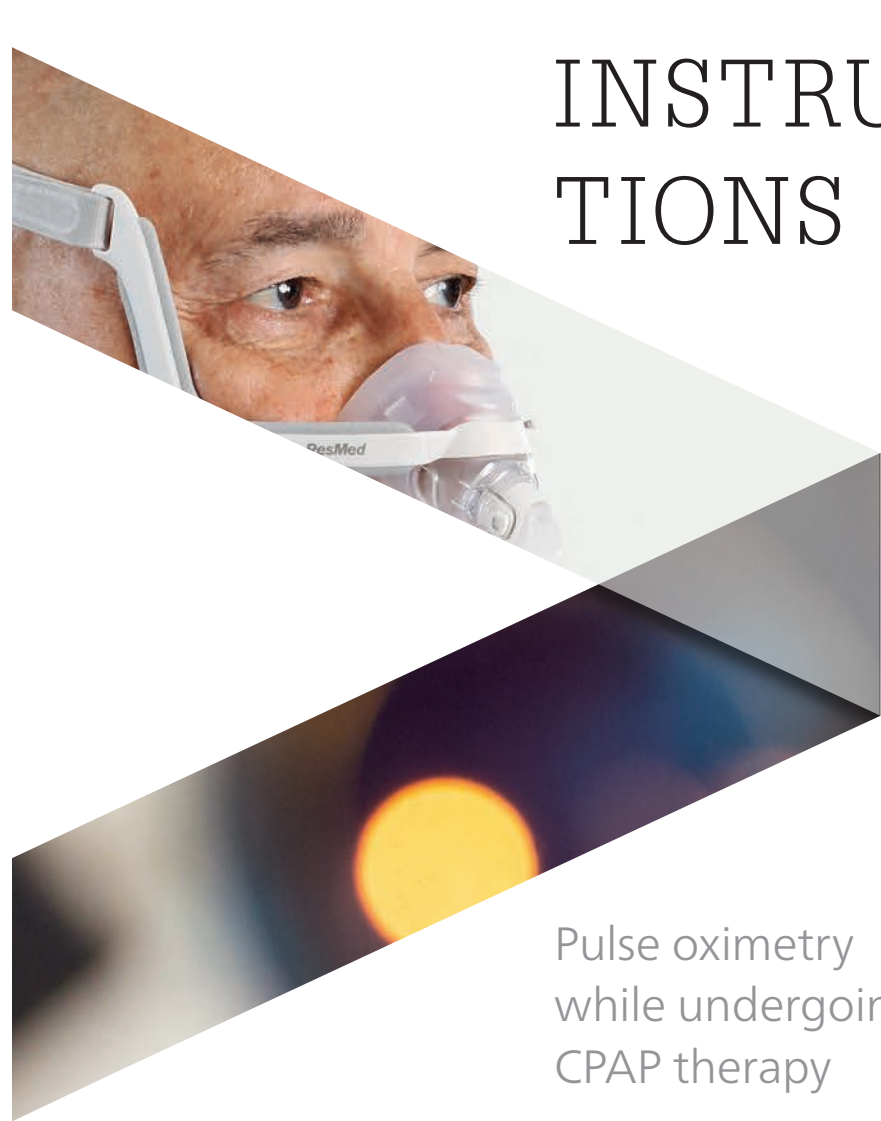while undergoing
CPAP therapy

**Accessories**

- Pulse oximetry device with bag and neck strap
- Adjustable chest strap (long)
- Oxygen saturation sensor with plugged-in connection cable and Velcro strap (short) for fixation to the wrist
- Adapter for the patient's CPAP machine
- Patient's CPAP machine with hose and mask

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# Important information

Do not test start the device → The device cannot be switched off again.
- Fill out the enclosed patient records correctly and completely.
- Remove nail polish, gel nails and fingernail attachments before the examination.
- Do not put the oxygen saturation sensor on the same limb as the 24h blood pressure device cuff if these two devices are worn at the same time.
- Mount and start the device before going to bed.
- Recording time max. 8 hours, suitable for patients weighing 20 kg and over.
- Do not use in the vicinity of CT, MRI, and X-rays.
- Mobile phones, strong electromagnetic sources and electric blankets can affect the quality of the recording.

# Attaching the device
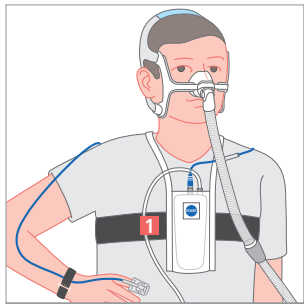


**Mounting the device before going to bed**
- Do not wear the device and the chest strap directly on the skin.
- Pull the neck strap and the device over the head.
- Fix the device centrally at sternum height using the chest strap **1** → at the level of the nipples for men and on the upper part of the chest for women.
- Tighten the strap, but not so much that breathing is restricted.
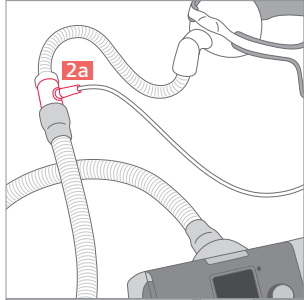
**Connecting the CPAP machine of the patient with the adapter**

Variant 1 – adapter between mask and hose **2a**
- Detach the intermediate piece including the mask from the CPAP machine hose.
- Insert the adapter on the CPAP machine hose.
- Insert the intermediate piece including the mask into the adapter.
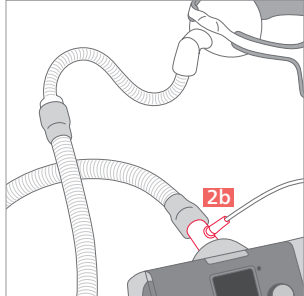
Variant 2 – adapter between CPAP machine and hose **2b**
- Detach the CPAP machine hose from the CPAP machine.
- Insert the adapter in the CPAP machine.
- Insert the CPAP machine hose in the adapter.
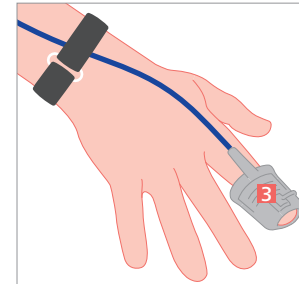


**Fitting the finger sensor**
- Mount the oxygen saturation sensor on your finger with the fingernail symbol facing upward. Pull the finger sensor over the finger until the fingertip is visible.
  → Finger sensor **3** may be switched from one finger to another during the night.
- Suitable fingers: index, middle and ring fingers (without nail polish, gel nails or fingernail attachments)
- Fix the sensor cable to the wrist with the Velcro strap.
- If the finger sensor comes off at night, please reattach it.
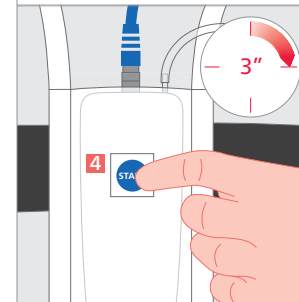
**Starting the pulse oximetry device**
- Press the front **blue start button** **4** for 3 seconds.
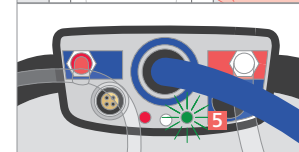
- During recording, the **green light** **5** flashes every 4 seconds. If a **red light** **6** appears next to it, then the finger sensor is not correctly positioned → please correct this.

**Starting the CPAP machine**
- Place the CPAP machine mask over your face and switch on the CPAP machine according to the manufacturer's instructions.

→ In the morning, dismount the device and return it to the Herz-Lungen-Praxis.
  Device switches off automatically after 8 hours.

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