



Compartment Pressure Measurement

Intracompartment Pressure Measurement is the safest way for an early diagnosis of Compartment Syndrome.

Measuring system consisting of:

Pressure Monitor NPS3 + ICP-Temp-Cable + OMNIBAR E5F Catheter



OMNIBAR E5F:

Intramuscular Tissue Pressure Measuring (IMP) Catheter
- Outside diameter: 5F
- Catheter length: 55 cm
- Material: PU

Your advantage:

- Sterile pressure measurement catheter complies hygienic requirements
- Plug & Play system – no catheter calibration necessary
- Simple and precise compartment pressure measurement using microchip technology
- Excellent measurement stability and linearity
- System does not add any additional fluids to the compartment

There are many types of Compartment Syndrome like: **fractures, leg vein thrombosis, ruptures of a muscle fiber, strain traumas and contusions, congestions, compression of soft tissues.**

Compartment Syndrome occurs when excessive pressure builds up in an enclosed space in the body. The high pressure in the compartment impedes blood circulation to and from affected tissue and can cause severe tissue damage.

Application

The **OMNIBAR E5F** measures the pressure inside the compartment at rest, during a stress test and after the stress test. The difference in these 3 pressures can confirm the diagnosis.

There are 3 different possible set ups to measure the pressure measurement:

1. The **NPS3** battery operated device connected to a **ICP-TEMP-Cable** (extension cable)
2. One end of the **NPS2** connects directly to the patient monitor and the other end is connected to the **ICP-TEMP-Cable** (extension cable)
3. **MPR 1 DATALOGGER** monitor connected to the **ICP-TEMP-Cable**. With this set up it is possible to measure and compare three IMP-pressures in the healthy and ill tissue.

NPS3



NPS2



MPR 1 DATALOGGER



Product	Description	Article number
OMNIBAR E5F*	Catheter for measuring pressure	091204
ICP-TEMP-Cable	Extension cable	094328
NPS3	Battery operated pressure device	091656
NPS2	Adapter cable to all established patient monitors	inquire
MPR 1 DATALOGGER	Data record and storage	094474

*is to be placed by means of a venous cannula of size G 14