

# Compartment Pressure Measurement

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

Measuring system consisting of: **Pressure Display Device NPS3 + ICP-TEMP-Cable + OMNIBAR E5F Catheter**



## 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
- Steady and artefact free measurement
- System does not add any additional fluids to the compartment

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

Compartment Syndrome is a dysfunction of the blood circulation within the muscle or also called a compartment. The increased tissue pressure squeezes the supplying blood vessels and the nerves running within the compartments so tightly that muscle and nerve tissue can rapidly die if blood supply cannot be restored after a few hours.



# Application

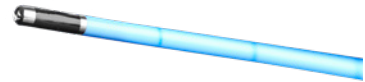
The **OMNIBAR E5F** measures the pressure inside the compartment at rest, during a stress test and after the stress test.

- Outside diameter: 5F
- Catheter length: 55 cm
- Material: PU

## Possible set ups to measure pressure

1. Via the battery operated **NPS3** device connected to the **ICP-TEMP-Cable** as an extension.
2. Via an existing patient monitor using **NPS2** and **ICP-TEMP-Cable** for long-term measurement.

### OMNIBAR E5F



### NPS3



### NPS2



Product	Description	Article number
OMNIBAR E5F*	Catheter for measuring pressure	091204-001
ICP-TEMP-Cable	Connecting cable between OMNIBAR E5F and NPS3 or alternatively NPS2	094328-001
NPS3	Battery operated pressure device	091656-001
NPS2	Adapter cable for connection to the invasive pressure channel of all common patient monitors	on request

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

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