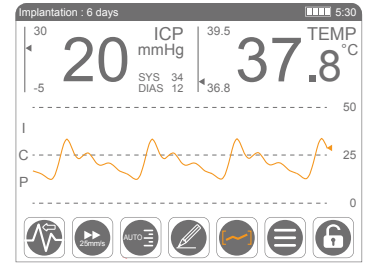
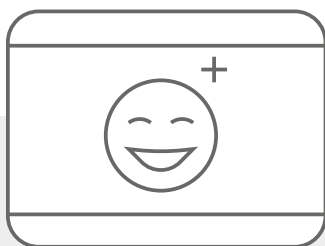


# Pressio<sup>®</sup> 2

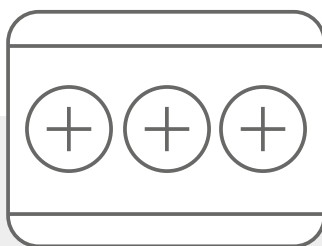
Takes the pressure off you



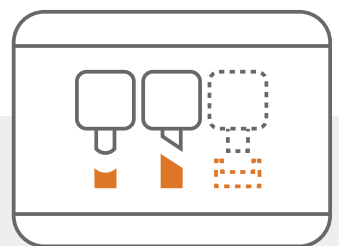
**Intuitive and user-friendly,**  
the Pressio<sup>®</sup> 2 ICP monitor offers  
**continuous monitoring** of ICP and ICT



**EASE**  
OF USE



**ADVANCED**  
FUNCTIONS



**IMPROVED**  
COMPATIBILITY

# Pressio<sup>®</sup> 2 System

## Clinically driven design

Current gold standard recommendations<sup>1,2</sup> advocate the monitoring of IntraCranial Pressure (ICP) for patients with traumatic brain injury (TBI) in the following indicative situations:

- Severe TBI (GCS $\leq$  8)
- Abnormal cerebral CT-scan

GCS: Glasgow Coma Scale

1

- Severe TBI (GCS $<$ 8)
- Normal CT scan if at least 2 of the following risk factors are present:
  - Age  $>$  40 years
  - Motor deficit
  - SBP  $<$  90 mm Hg

2

An increase of ICP can also be as a result of meningitis,<sup>3</sup> an encephalopathy due to a genetic hyperammonemia,<sup>4</sup> or due to liver failure.<sup>5 6</sup>

### References

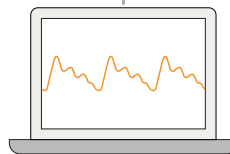
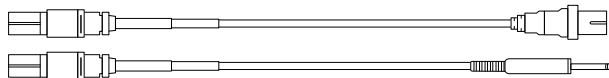
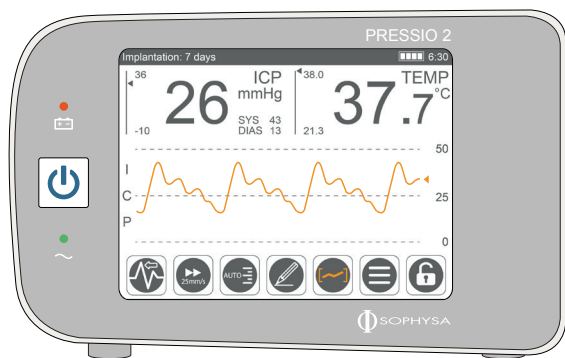
- 1 Carney N. et al., Guidelines for the Management of Severe Traumatic Brain Injury 4th Edition. 2016.
  - 2 SFAR - Prise en charge des traumatisés crâniens graves à la phase précoce (24 premières heures)
  - 3 Depreitere B. et al., Monitoring of Intracranial Pressure in Meningitis. Acta Neurochir Suppl. 2016;122:101-4..
  - 4 Chantreuil J. et al., Intracranial Pressure Monitoring Demonstrates that Cerebral Edema Is Not Correlated to Hyperammonemia in a Child with Ornithine Transcarbamylase Deficiency. JIMD Rep. 2016;27:55-62.
  - 5 Maloney PR. et al., Intracranial Pressure Monitoring in Acute Liver Failure: Institutional Case Series. Neurocrit Care. 2016 Aug;25(1):86-93.
  - 6 Paschoal FM Jr. et al., Multimodal brain monitoring in fulminant hepatic failure. World J Hepatol. 2016 Aug 8;8(22):915-23.
  - 7 Allin D. et al., Laboratory testing of the Pressio intracranial pressure monitor. Neurosurgery. 2008. 62: 1158-1161.
  - 8 Lescot T. et al., In vivo accuracy of two intraparenchymal intracranial pressure monitors. Intensive Care Med. 2011. 37: 875-879.
- \* IntraCranial Temperature

# Intuitive Design

Sophysa has developed the **Pressio® 2 ICP monitoring system**, bringing together the advanced Pressio® 2 monitor and smart Pressio® Catheter for simultaneous measurement of intracranial pressure and temperature.

**Smart technology you can trust.**

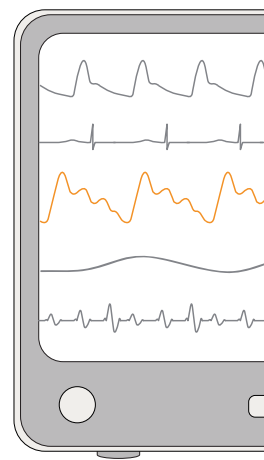
Compatible with  
most bedside n



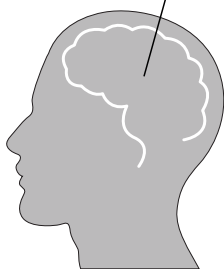
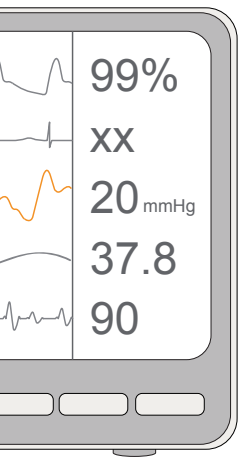
**MOBERG**  
ICU Solutions  
A member of micromed



Compatible with  
neuromonitoring systems  
Moberg and ICM+



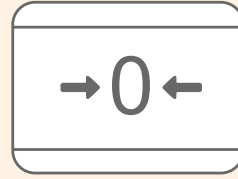
h  
monitors



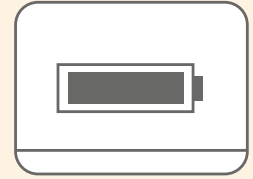
## Advanced Pressio<sup>®</sup> 2 Monitor



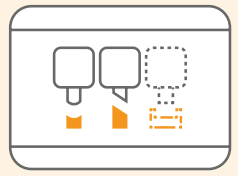
Optimised and  
Real time display



Simplified  
zeroing



Battery  
>6h of autonomy



Compatible with  
most bedside  
monitors



Export  
PDF reports



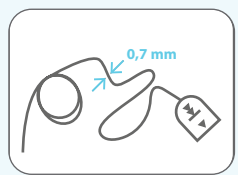
Trend functions

## Smart Pressio<sup>®</sup> Catheter

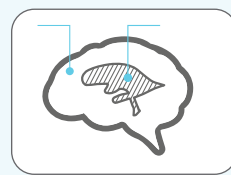
**Accuracy:** +/- 2%

**Drift:** Test in vitro : <0,05 mmHg/7 days.<sup>7</sup> |

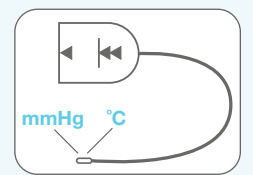
Test in vivo : -0,7 +/- 1.6 mmHg/100 hours (approx. 4 days).<sup>8</sup>



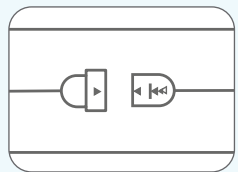
Thin & flexible



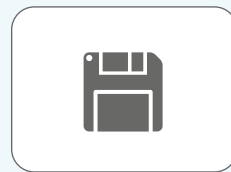
Multiple catheter  
configurations



Simultaneous  
measurement:  
ICP and ICT\*



Visual  
connection



Memory: no  
need to re-zero



MR conditional  
(1.5T and 3T)

# Product references

Reference	Description
<b>Pressio® 2 Monitoring System</b>	
PSO-4000	Pressio® 2 ICP Monitor Power Cable and Catheter Extension Cable (PSO-EC30) included
PSO-EC30	Catheter Extension Cable For use only with a Pressio® 2 Monitor
<b>Pressio® Catheter Kits</b>	
PSO-PB	Pressio® ICP monitoring kit, parenchymal with bolt
PSO-PBT	Pressio® ICP and ICT monitoring kit, parenchymal with bolt
PSO-PT	Pressio® ICP monitoring kit, parenchymal tunneling
PSO-PTT	Pressio® ICP and ICT monitoring kit, parenchymal tunneling
PSO-VT	Pressio® ICP monitoring kit, ventricular tunneling with external CSF drainage function
PSO-VTT	Pressio® ICP and ICT monitoring kit, ventricular tunneling with external CSF drainage function
<b>Pressio® Accessories</b>	
PSO-MRI	Pressio® MRI Support
PSO-DR	Pressio® disposable hand drill
<b>Pressio® Monitor Cables</b>	
PSO-MCxx	Patient monitor/pressure cable. For use with Pressio® monitoring systems only
PSO-MCT-y	Patient monitor/temperature cable. For use with Pressio® monitoring systems only



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