

Integra™
Camino® Intracranial
Pressure and Temperature
Monitoring

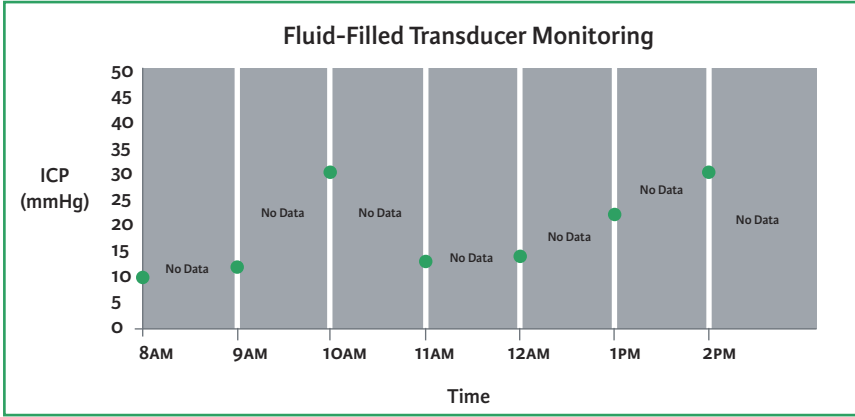
ADVANCED ICP
MONITORING



INTEGRA™
LIMIT UNCERTAINTY

Monitoring at the Source

Are You Missing Critical Information?



Obtaining an accurate intracranial pressure (ICP) reading from a fluid-filled transducer connected to an external ventricular drain (EVD) requires that the system be turned off to cerebrospinal fluid (CSF) drainage and leveled properly to the patient.¹ The chart above is based on clinical protocol that requires these conditions to be met once per hour in order to chart the patient's ICP.*

An accurate ICP reading is acquired once per hour under this protocol. During the remainder of the time, any reading from the system may not be accurate unless the system is properly leveled to the patient or is open to CSF drainage. Consequently, episodes of high ICP may be missed.

Please flip the page to see what critical information you may be missing.

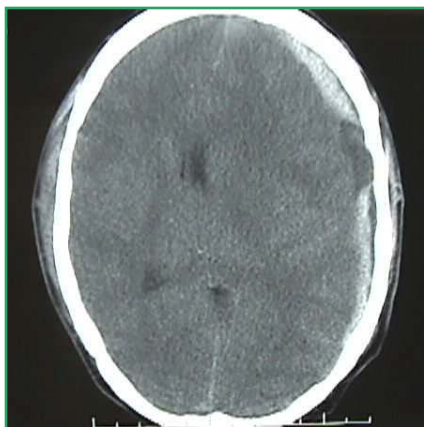
*Hypothetical case scenario.

The Integra Camino® Advantage

Limit Uncertainty with the Integra™ Camino ICP Monitoring System

Ventricles can't be accessed?

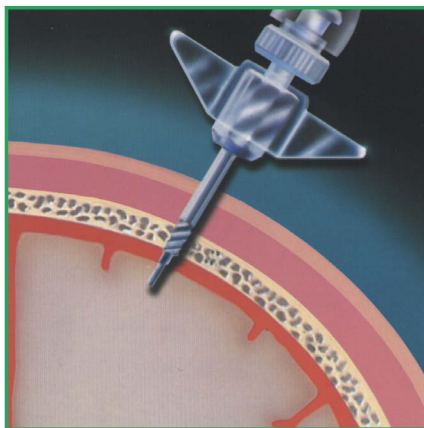
Utilize the Integra Camino Parenchymal ICP Monitoring System in patients with slit-like ventricles.¹



Looking for a less invasive approach than ventricular monitoring?

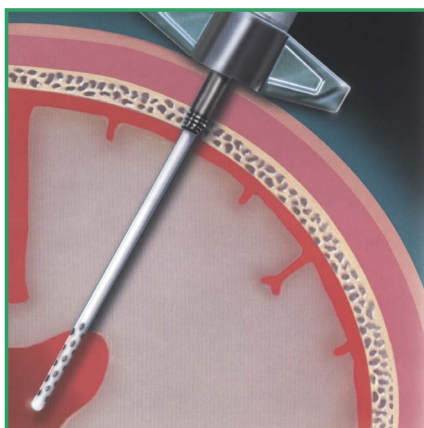
Parenchymal monitoring with the Integra Camino ICP Monitoring System has distinct advantages:

- Rapid placement
- Low rate of complications²
- Continuous ICP monitoring
- Lower chance of infection³

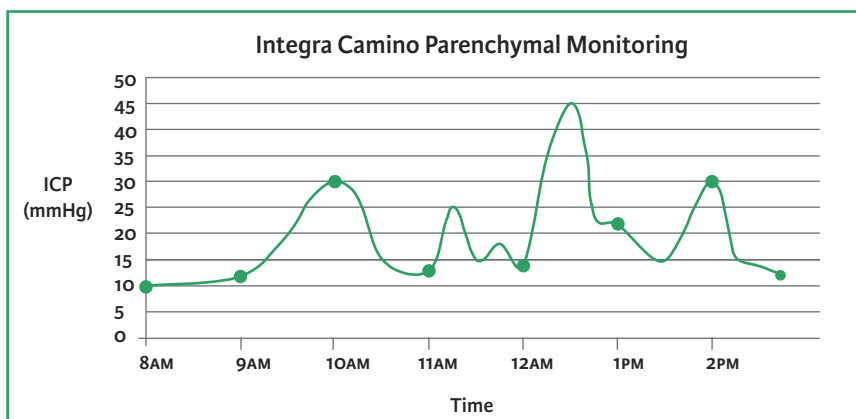
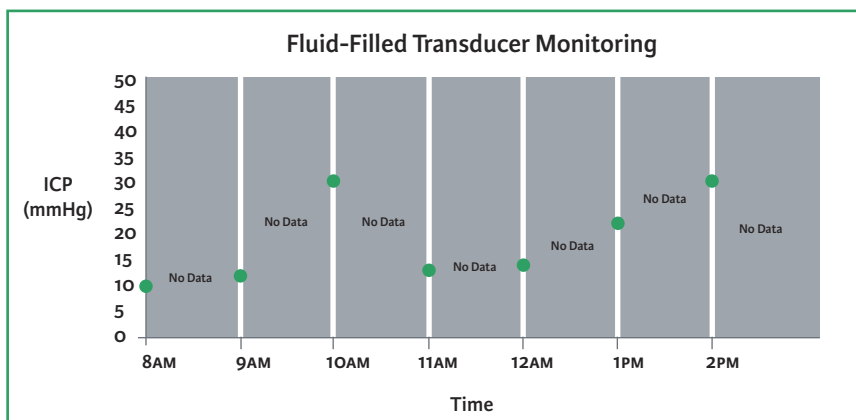


Solutions for all your ICP monitoring needs.

The Integra Camino ICP Monitoring System offers a complete solution for ICP and brain temperature monitoring, regardless of the approach — parenchymal, ventricular and subdural monitoring.



Monitoring at the Source



Utilizing the Integra Camino Parenchymal ICP Monitoring System allows for continuous monitoring of ICP and capturing high ICP events at any point in the last 24 hours. The chart above illustrates a scenario* that utilizes the Integra Camino Parenchymal ICP Monitoring System. Note that several high ICP events would not be caught under a protocol that acquires an accurate ICP reading only once per hour.

What is your ICP Monitoring protocol?

Are you aware of all of your patients' high ICP events?

Can the Integra Camino Parenchymal ICP Monitoring System benefit your patients?

*Hypothetical case scenario.

Features and Benefits

Limit Uncertainty with the Integra™ Camino Parenchymal ICP Monitoring System

Rapid placement — first time, every time.

- Avoids multiple placement attempts often required to place a ventricular catheter
- Saves the neurosurgeon valuable time

Less time spent adjusting the system.

- No need to re-level the drainage system and the transducer or worry about drainage blockages or tubing kinks — even when the patient is repositioned

Rate of infection.

- Demonstrated a lower rate of infection than an external ventricular drainage system³



**For your continuous ICP monitoring needs
there's no comparison to the Integra Camino System**

	ICP Monitoring	
	Integra Camino Parenchymal Intracranial Pressure and Brain Temperature Monitoring System	External Ventricular Drainage with Fluid-Filled Transducer
Allows for monitoring of intracranial pressure (ICP)	•	•
Supported by Brain Trauma Foundation Guidelines for the Management of Severe Traumatic Brain Injury ¹	•	•
Allows for drainage of CSF when necessary	with additional twist drill hole or Integra Camino Ventricular bolt	•
Allows for monitoring of intracranial temperature	•	
Does not require re-leveling of the EVD in order to get an accurate ICP reading ¹	•	
Provides an accurate continuous ICP reading	•	
ICP measurement is not affected by drainage blockages or tubing kinks ¹	•	
Allows for tracking of the ICP value and waveform during transport	•	• Requires a bedside monitor transport module

References

- 1 Guidelines for the management of severe traumatic brain injury. J Neurotrauma. 2007;24(suppl 1):S45-S48.
- 2 Bekar A, Dogan S, Abas F, et al. Risk factors and complications of intracranial pressure monitoring with a fiberoptic device. J Clin Neurosci. 2009;16(2):236-240.
- 3 Lozier AP, Sciacca RR, Romagnoli MF, Connolly ES. Ventriculostomy-related infections: a critical review of the literature. Neurosurgery. 2002;51(1):170-182.

See the Integra Camino advantage for yourself.

Schedule a demonstration with an Integra representative at 800.997.4868.



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