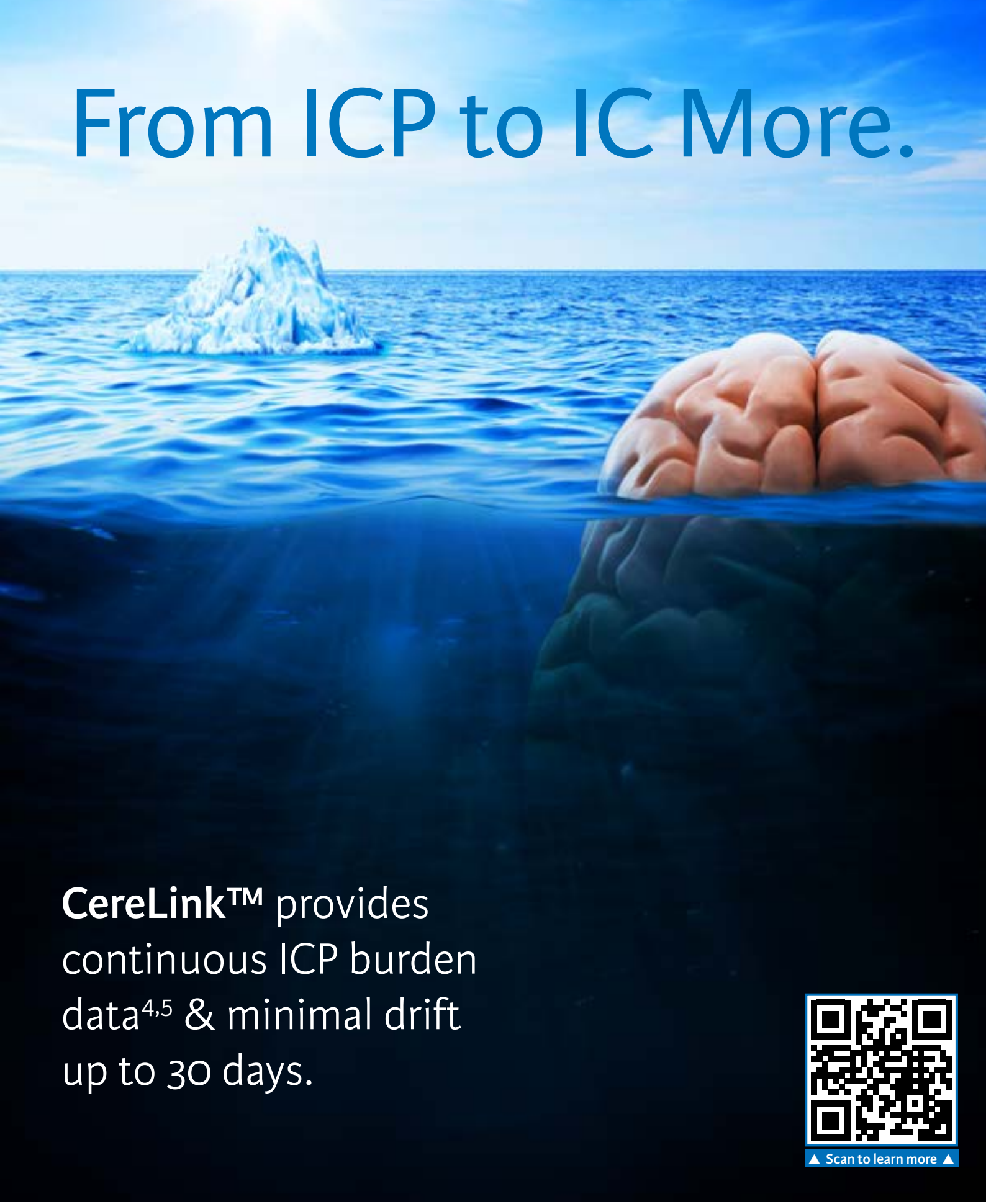
From ICP to IC More.



CereLink™ provides continuous ICP burden data[4,5] & minimal drift up to 30 days.

▲ Scan to learn more ▲

Codman® CereLink™
ICP Monitoring Solution
Discover the Unseen

See more with a

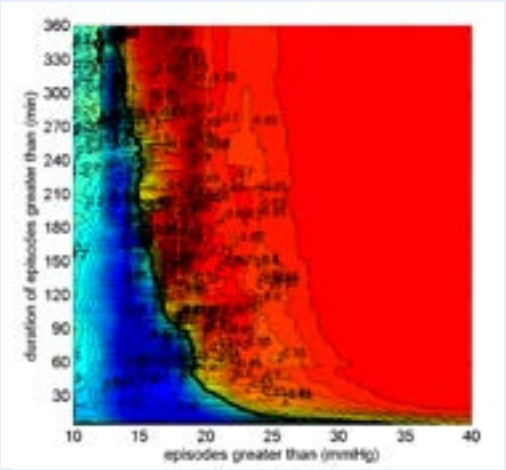
Clinical Management

Linking advanced trend functions & ICP burden evidence[4,5]

Time above threshold & Histograms

visualize time of ICP above a user set threshold & time at specific ICP intervals.

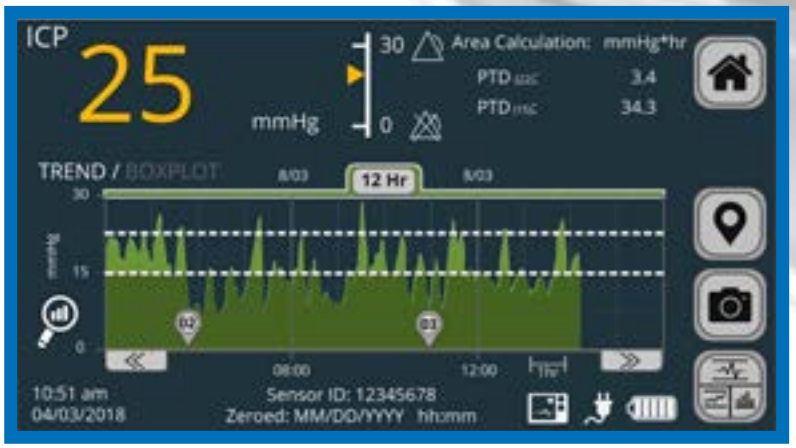
Correlation Time-Pressure Burden & GOS (n=261, p=0.014)[5]



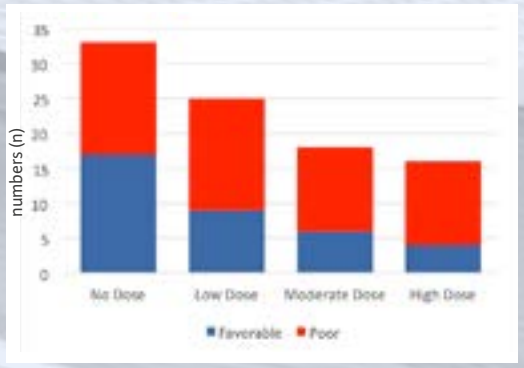
Each point in the graph refers to a number of episodes of ICP (above a certain ICP threshold (X-axis) & above a certain duration threshold (Y-axis)). Red = number of ICP episodes are associated with worse outcome (GOS 1-3). Blue = number of ICP episodes are associated with better outcome (GOS 4-5).

Pressure Time Dose (PTD)

is the calculated area-under-curve (AUC) above a defined ICP value within a chosen time interval.



Correlation PTD & GOS (n=93, p=0.045)[4]

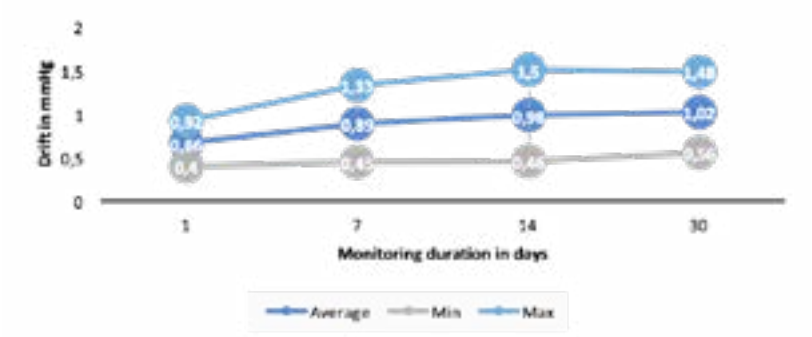


Graph demonstrating the number of patients with favorable & poor outcomes at 6 months in 4 groups: no dose (0 mm Hg*hour), low dose (> 0–75mm Hg*hour), moderate dose (> 75–200 mm Hg*hour), high dose (> 200 mm Hg*hour).

dvanced trend functions, minimal drift & acti

Minimal Drift[1,2]

Allows for precise monitoring up to 30 days



High Fidelity Waveform

of 100 samples per second allows for pulsatility analysis to assess brain compliance

MR conditional CereLink™ sensor at 1.5T & 3T[3] field strength

High frequency data streaming & export

ICM+ Compatible

ve therapy tracking

Set-up & Remove

Different applications
depending on clinical need (parenchymal or ventricular application)

Low profile & high mechanical resistance of probe[3]
allow for minimal invasive insertion & removal without breakage of the transducer

One-Touch Zeroing

Nursing

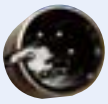
Active Therapy Tracking
Event marker enable tracking therapy & patient care events that may affect the ICP readings (e.g. moving patient)

Easy connections
The probes can be connected to any other Cerelink™ monitor or cables as the zero information is stored in the connector of the probe.

Monitoring during Patient transport
minimum 3 h of battery autonomy

Ordering Information:

Product Code	Description	Picture
826820	CereLink™ ICP Monitor	
826850	CereLink™ ICP Sensor Basic Kit	
826851	CereLink™ ICP Metal Bolt Kit	
826852	CereLink™ ICP Plastic Bolt Kit	
826854	CereLink™ ICP Ventricular Kit	

CereLink™ Patient Monitor Interface Cables		
Product Code	**Description**	**Picture**
826881	PHILIPS	
826882	GE Dash	
826884	GE Datex-Ohmeda	
826880	DRAGER / SIEMENS Infinity	
826883	SPACELABS 6-pin	
826887	NIHON KODEN 5-pin	
826888	FUKUDA DENSHI DS-800	
826889	FUKUDA DENSHI DS-7000	

Cerelink™ ICP Monitor Technical specifications[6]:	
Size: H 165 mm x W 222 mm x D 50 mm	Screen diagonale: 18 cm TFT LCD
Weight: 1.5 Kg	Battery autonomy: 3 h

1. Koskinen L, Olivecrona M: Clinical Experience with the Intraparenchymal Intracranial Pressure Monitoring Codman Microsensor System. Neurosurgery 56: 693-698, 2005.
2. Bench Test, Report Number 103021156 Rev 1, page 11.
3. IFU CERELINK™ ICP SENSOR Basic Kit REF 826850, LCN 208550-001/A, please refer to the IFU for the MR conditions.
4. Vik et al, Relationship of "dose" of intracranial hypertension to outcome in severe traumatic brain injury, J Neurosurg 109:000–000, 2008.
5. Güiza et al; Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. Intensive Care Med. 2015; 41(6):1067-76.
6. IFU CereLink™ ICP Monitor, LCN 208542-001 Rev. A 11/18 1120997-1.

Codman® CereLink™
ICP Monitoring Solution

Indications CereLink™ Sensors:

Use of the kit is indicated when direct intracranial pressure (ICP) monitoring is required. The kit is indicated for use in both subdural and intraparenchymal pressure monitoring applications. Use of the ICP Sensor Ventricular Catheter Kit is indicated when direct intraventricular pressure monitoring is required. The kit is indicated for use in ICP monitoring and cerebrospinal fluid (CSF) drainage applications.

Contraindications CereLink™ Sensors:

Use of the skull bolt is contraindicated in children less than one year of age. This kit is not designed, sold, or intended for any use except as indicated. This kit is not designed, sold, or intended for use as a therapeutic device. Ventriculostomy is contraindicated in patients with coagulopathy, or active infection in the area of the catheter. Use of the Ventricular Catheter is contraindicated in children less than one year of age. This kit is not designed, sold, or intended for any use except as indicated.

Indications CereLink™ Monitor:

The ICP Monitor is intended for use as an interface between compatible strain gauge type pressure transducers and standard physiological pressure monitoring systems. The ICP Monitor is also intended for use as an independent pressure monitor for displaying the mean, systolic and diastolic numeric values of a physiologic pressure waveform in the absence of an external patient monitor.

Contraindications CereLink™ Monitor:

The ICP Monitor is contraindicated for use in a Magnetic Resonance (MR) environment. Refer to the ICP Se sor IFU for MR environment use.
Use of the kit is indicated when direct intracranial pressure (ICP) monitoring is required.
The kit is indicated for use in both subdural and intraparenchymal pressure monitoring applications.

Indications Patient Monitor Interface Cables

The Patient Monitor Interface Cable is intended for use as a connecting cable between CereLink™ Monitor, and selected patient monitors available from third party suppliers.

Contraindications Patient Monitor Interface Cables

This device is not designed, sold or intended for use except as indicated.

Availability of these products might vary from a given country or region to another, as a result of specific local regulatory approval or clearance requirements for sale in such country or region.
- Non contractual document. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.
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- Consult product labels and inserts for any indications, contraindications, hazards, warnings, precautions, and instructions for use.

Products mentioned in this document are CE class I, IIa, IIb & III devices. Please contact Integra customer service should you need any additional information on devices classification.
All the medical devices mentioned on this document are CE marked in accordance with the applicable European laws, unless specifically identified as "NOT CE MARKED".

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