

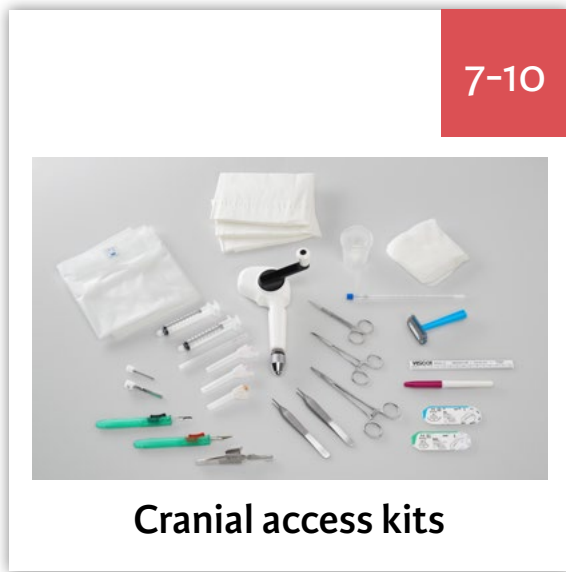
Codman[®]
SPECIALTY SURGICAL

A DIVISION OF INTEGRA LIFESCIENCES



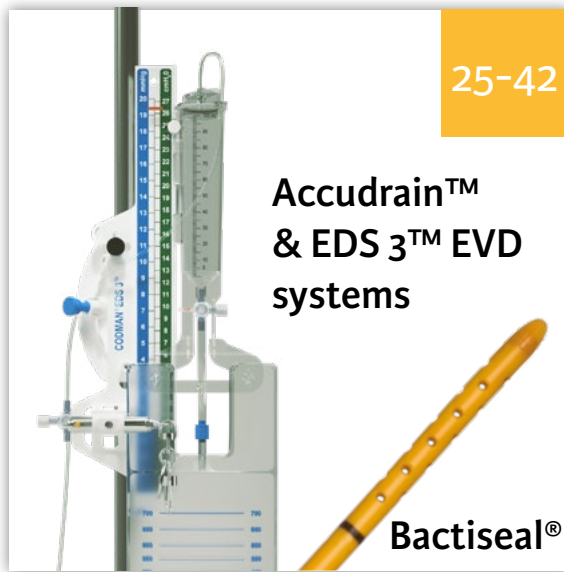
Integra[®]
NeuroCritical Care
Product Catalog

Codman® Special a complete solution for your



Access + Diagnosis

Specialty Surgical for NeuroCritical Care patients



+ Therapy & Infection Prevention

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Integra Limited Warranty

INTEGRA LIFESCIENCES CORPORATION and its wholly owned subsidiaries («INTEGRA») warrant to INTEGRA authorized distributors and the original purchaser only that each new INTEGRA or CODMAN product is free from manufacturing defects in material and workmanship under normal use and service from the date of delivery by INTEGRA (or its authorized distributor) to the original purchaser, but in no event beyond the expiration date stated on any product labeling. For purposes of products sold by INTEGRA through an authorized distributor of INTEGRA, «original purchaser» shall include the purchaser of INTEGRA products to whom the distributor first sells the product.

- Surgical instruments are guaranteed to be free from defects in material and workmanship when maintained and cleaned properly and used normally for their intended purpose.
- Any covered product that is placed by INTEGRA under a lease, rental or installment purchase agreement and that requires repair service during the term of such placement agreement shall be repaired in accordance with the terms of such agreement.

If any covered defect occurs during the warranty period or term of such placement agreement, the purchaser or distributor should communicate directly with INTEGRA. If purchaser or distributor seeks to invoke the terms of this warranty, the product must be returned to INTEGRA. The defective product should be returned promptly, properly packaged and postage prepaid. Loss or damage in return shipment to INTEGRA shall be at sender's risk. INTEGRA's sole responsibility under this warranty shall be repair or replacement, at INTEGRA's sole discretion at INTEGRA's expense, subject to the terms of this warranty and applicable agreements.

IN NO EVENT SHALL INTEGRA BE LIABLE FOR ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES IN CONNECTION WITH THE ACQUISITION OR USE OF ANY INTEGRA PRODUCT. Further, this warranty shall not apply to, and INTEGRA shall not be responsible for, any loss arising in connection with the purchase or use of any INTEGRA product that has been repaired by anyone other than an authorized INTEGRA service representative or altered in any way so as, in INTEGRA's judgment, to affect its stability or reliability, or which has been subject to misuse, negligence or accident, or which has been used otherwise than in accordance with the instructions furnished by INTEGRA.

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Cranial Access

Cranial Access Kit

CODMAN Cranial Access Kit

Catalog No. 826617

The CODMAN Cranial Access Kit is a disposable intracranial procedural kit, which contains all the basic items used during each step of the cranial access procedure. The kit contains the following items:

Preparation Components

	Description
A	Double Edge Razor (1)
D	Gauze Sponges, 4" x 4", 10 x 10 cm 12 ply (10)
E	Medicine Cup, 2 oz., 60 cc (2)

Cranial Access Preparation

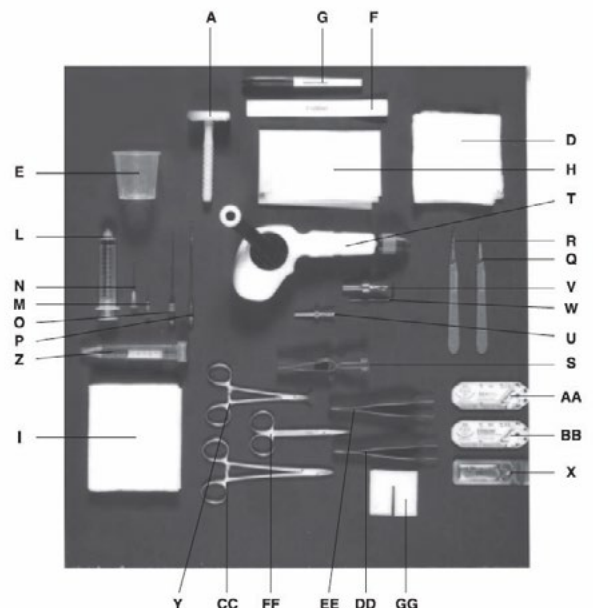
	Description
F	Ruler, 6", 15 cm (1)
G	Marking Pen (1)
H	Fenestrated Drape w/Barrier, 24" x 26", 61 x 66 cm (1)
I	Absorbent Towel, 15" x 21", 38 x 53,3 cm (3)

Cranial Access

	Description
L	Syringe, 12 cc (2)
M	Needle, 18 G x 1 1/2", 3,8 cm (2)
N	Needle, 25 G x 5/8", 1,6 cm (1)
O	Spinal Needle, 18 G x 3 1/2", 8,9 cm (1)
P	Ventricular Needle, 12 G x 3 1/2", 8,9 cm (1)
Q	Scalpel, #15 (1)
R	Scalpel, #11 (1)
S	Retractor, Blunt (1)
T	Hand Crank Drill (1)
U	2.7 mm Drill Bit w/stop (1)
V	5.8 mm Drill Bit w/stop (1)
W	Allen Wrench (1)
X	Bone Wax (1)
Y	Mosquito Forceps, curved (2)
Z	Culture Tube w/screw cap (1)

Preparation Components

	Description
AA	2.0 Silk Suture (1)
BB	3.0 Nylon Suture (1)
CC	Needle Holder, Serrated (1)
DD	Adson Forceps (1)
EE	Adson Forceps w/teeth (1)
FF	Suture Scissors (1)



Cranial Access: Drills & Accessories

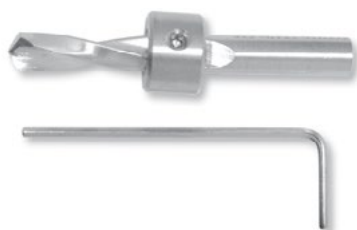
DISPOSABLE DRILLS



Reference	Description
826607	MicroSensor Hand Drill Disposable

DRILL BITS

← 50mm →



Reference	Description
826608	MicroSensor Drill Bit O 5.8mm Disposable

← 45mm →



Reference	Description
826609	MicroSensor Drill Bit O 2.7mm Disposable

Note: When using the Licox[®] Monitoring Kits, please use the drill bit provided with that kit.

Diagnosis - Neuromonitoring

CERELINK® ICP MONITOR

Technical specifications:

- Flat size (depth 59mm without pole clamp x H165mm x W222mm)
- Weight less than 2 Kg
- Screen: 18 cm diagonale TFT LCD
- Battery autonomy: 3 h

Functions:

- High Fidelity ICP waveform (100 samples per second for a 25 Hz ICP waveform bandwidth)
- **Advanced Trend Functions:**
 - > ICP trends for up to 14 days
 - > Programmable user specific thresholds enabling calculation of pressure time dose & time above threshold
 - > histogram, boxplot
- Event Markers facilitate visualization of the impact of therapeutic interventions on ICP
- Screenshots
- Touchscreen interface
- Real-time streaming of ICP waveform or mean ICP through USB
- Data storage and export of 24 hours of ICP Waveform or up to 14 days of mean ICP
- Visual & audible alarms
- Free-standing positioning or attachable to an IV pole



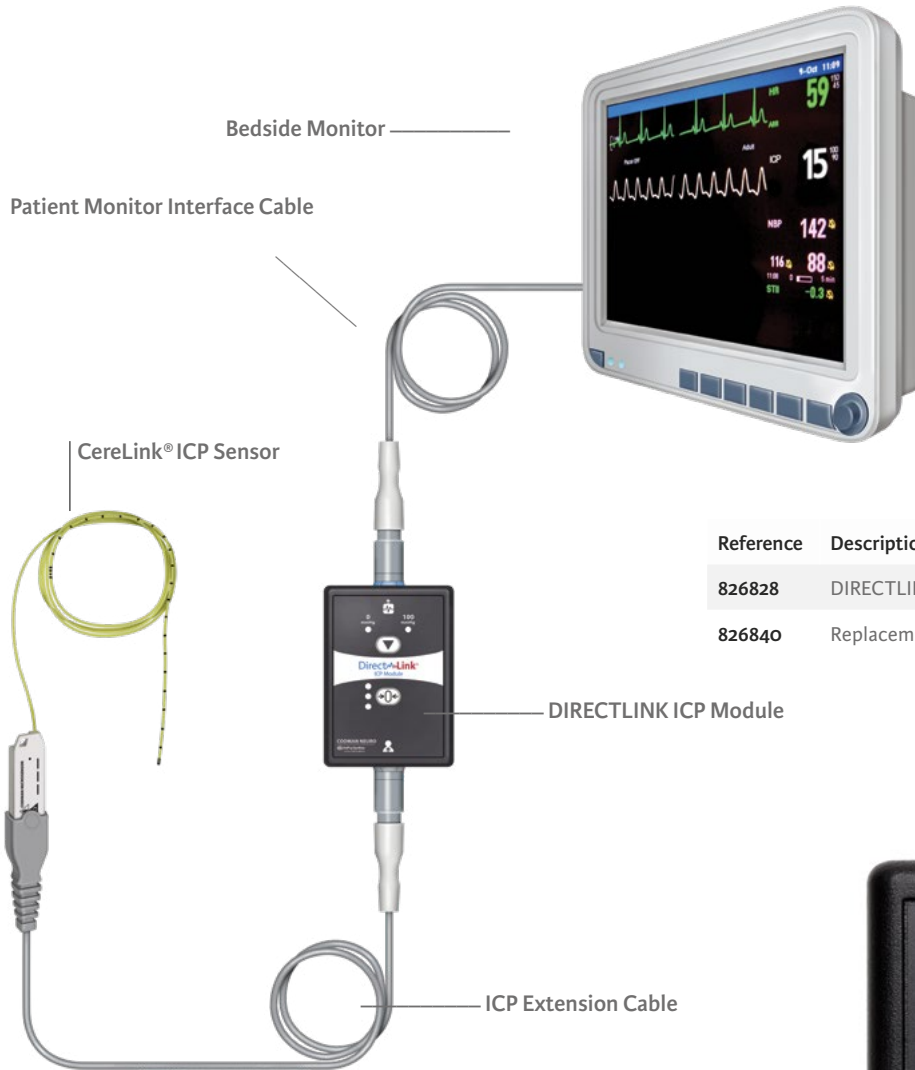
Reference	Description
826820	CereLink® ICP Monitor
826826	CereLink® Swiss Power supply (needs to be ordered separately)

Accessories & replacement items

Reference	Description
826845	CereLink® ICP Extension Cable
826822	CereLink® ICP Monitor Replacement Power Supply
826824	CereLink® ICP Monitor Replacement Battery
EXPORTCAB	CereLink® USB to RS232 Adapter

DIRECTLINK™ ICP MODULE

The DIRECTLINK™ ICP Module is an easy to use, cost-effective solution to monitor Intracranial Pressure (ICP) without the need for a stand-alone ICP monitor.



Direct™Link™

Reference	Description
826828	DIRECTLINK ICP Module (includes ICP Extension Cable)
826840	Replacement ICP Extension Cable

Easy to Use

- The simple to use two button interface offers quick equipment setup for monitoring ICP.
- Single button zeroing of the patient monitor and ICP transducer.
- Allows the CereLink® ICP Sensor to interface with a variety of patient monitors, enabling movement of patients throughout the hospital.

Compact and Durable

- Measuring approximately 2.5" X 3.5" X 1" (6.4 cm X 8.9 cm X 2.5 cm) and weighing under 3.5 oz (100 g), the DIRECTLINK™ ICP Module is lightweight and easy to transport.
- Little to no maintenance costs as a result of no internal battery or moving parts.



Actual size

ICP Monitoring: CereLink® ICP Sensor

CERELINK® ICP SENSOR

The CERELINK® ICP Transducer consists of a miniature strain gauge pressure sensor mounted in a titanium case at the tip of a 100cm flexible nylon tube. The CERELINK® monitors intracranial pressure directly at the source - subdural, parenchymal or intraventricular. Information is relayed electronically rather than through a hydrostatic column or fiberoptics.

The low profile (tip diameter of 1.3 mm) & the high mechanical resistance of the CereLink® sensor allow for minimal invasive insertion & explantation without breakage of the transducer.

The CERELINK® sensor is available in four different kit configurations and is designed for the use with CereLink® ICP monitor, ICP Express and DirectLink™.

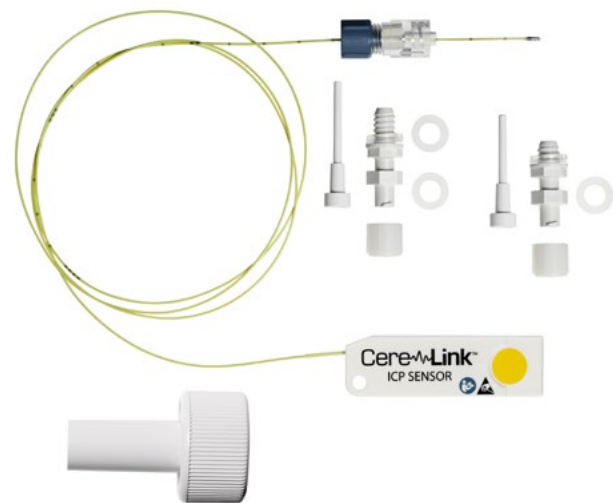
CERELINK® ICP SENSOR BASIC KIT

Reference	Description
826850	<p>Cerelink® ICP Sensor Basic Kit – The kit can be used in both subdural and intraparenchymal pressure monitoring applications.</p> <p>Contains the following components:</p> <ul style="list-style-type: none"> • CereLink® ICP Sensor • 14 Gauge Touhy Needle with stylet



CERELINK® ICP SENSOR PLASTIC SKULL BOLT KIT

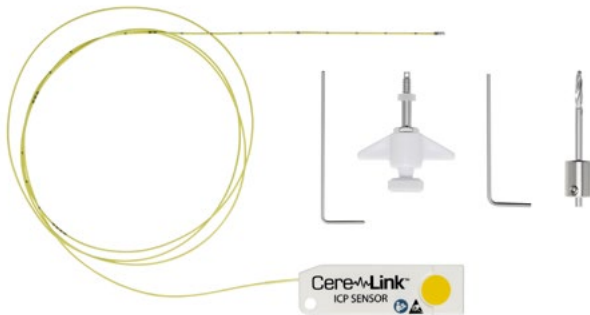
Reference	Description
826852	<p>CERELINK® ICP SENSOR Plastic Skull Bolt Kit - The kit can be used in both subdural and intraparenchymal pressure monitoring applications.</p> <p>Contains the following components:</p> <ul style="list-style-type: none"> • CERELINK® ICP SENSOR • Adult and Pediatric Skull Bolt with Luer • Spacing Washers • Touhy-Borst Adapter (mounted on the catheter portion of the transducer) • Disposable ICP Handle



ICP Monitoring: CERELINK® ICP SENSOR

CERELINK® ICP SENSOR METAL SKULL BOLT KIT

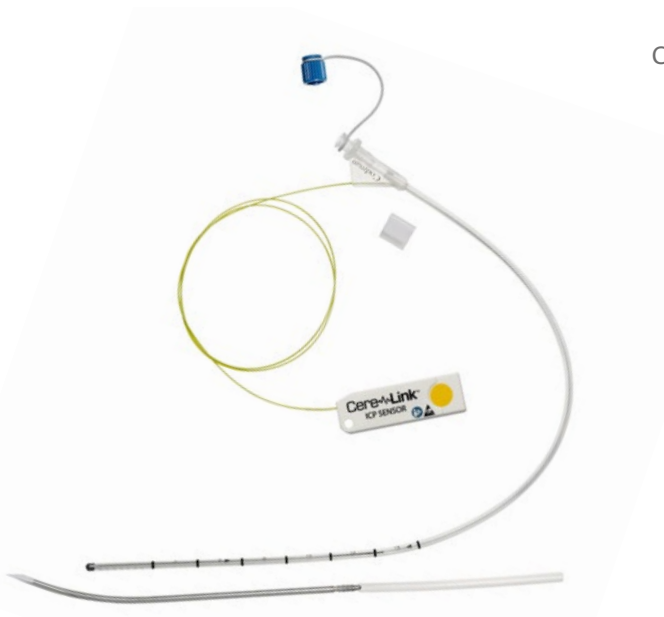
The kit can be used in both subdural and intraparenchymal pressure monitoring applications.



Reference	Description
826851	<p>CERELINK® ICP SENSOR Metal Skull Bolt Kit Contains the following components:</p> <ul style="list-style-type: none"> • Cerelink® ICP sensor • Winged skull bolt with compression cap • Spacing washer • Obturator • 2.7mm Drill Bit • Hex wrench

CERELINK® ICP SENSOR VENTRICULAR CATHETER KIT

CERELINK® ICP SENSOR Ventricular Catheter Kit with ICP transducer.



Reference	Description
826854	<p>CERELINK® ICP SENSOR Ventricular Catheter Kit Contains the following components:</p> <ul style="list-style-type: none"> • 38 cm ventricular catheter with an integrated stylet • Intracranial pressure (ICP) sensor • 7-gauge tunneling trocar for placement • Catheter anchoring clip

CereLink® & DirectLink™ Patient Monitor Interface Cables

Reference	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	
826880	Dräger/Siemens (7 pin) using adaptater IBO ADAPTATER CALBLE 10-07-PIN (REF 3368383) from Dräger	
826887	Nihon koden(12 pin) using adaptater JP-910P from Nihon Koden	

LICOX® P_tO₂ MONITOR

The Integra Licox® P_tO₂ Monitor provides functionality for continuously monitoring oxygen partial pressure (P_tO₂) in brain tissue. Tissue temperature compensation, which is required for the calculation of P_tO₂ measurements, may also be continuously measured with an accuracy of ± 0.1°C. To measure P_tO₂ and temperature tissue compensation continuously, the Integra Licox® P_tO₂ Monitor supports a series of minimally invasive probes that are inserted directly into the patient:

- The P_tO₂ probe uses an electrochemical micro-cell for oxygen measurements.
- The temperature probe uses a thermocouple for temperature measurements.

Key Functions of Monitor

- Touch screen interface for evaluating patient data and setting patient parameters
 - Physiological alarm that activates if the patient's P_tO₂ value falls below a user-specified limit
 - Storage of patient's trend data for up to 5 days
 - Outputs for transferring patient data to a patient bedside monitor
 - Rechargeable battery that supplies power to monitor during patient transport
- Outputs for extracting patient data to remote media types via USB drive



Catalog No. LCXo2

System includes:

- Integra Licox® P_tO₂ Monitor
 - Probe cables:
 - > BC10PA cable: Blue P_tO₂ probe cable
 - > BC10PV cable: Blue P_tO₂ probe extension cable
 - > BC10TA cable: Green Temperature probe cable
 - > BC10TV cable: Green Temperature probe extension cable
 - > PMOCAB cable: Blue combined P_tO₂/Temperature probe cable
 - > BC10PMO cable: Y-adapter cable for Blue combined P_tO₂/Temperature probe cable
 - > BC10R: Test set (Test smart card, test probe)
- PMIOMPM1 cable: Main cable for connecting Licox® P_tO₂ monitor to patient bedside monitor
 - EXPORTCAB cable: USB-to-RS232 adapter cable
 - MONPWR cable: Power cable
 - BAT1001: Rechargeable Battery

Interface cable is to be ordered separately depending on the bedside monitor manufacturer model*:

- ICPXX: Oxygen pressure adapter cable
- ICTXX: Temperature adapter cable

*Please contact Integra for the correct adapter cable product code

Probes only

LICOX® OXYGEN PROBE

Probe's tube Diameter at tip	0.8 mm
Probe's tube Length	150 mm
Oxygen sensitive area	13 mm ²
Introducer kit compatibility	IM1/ IM2EU/IM3EU
Storage condition	Between 2° and 10°C

Catalog No. CC1SB

Supplied sterile



LICOX® TEMPERATURE PROBE

Probe's tube Diameter at tip	0.8 mm
Probe's tube Length	126 mm
Probe Type	Thermocouple Type K
Introducer kit compatibility	IM3EU

Catalog No. C8B

Supplied sterile

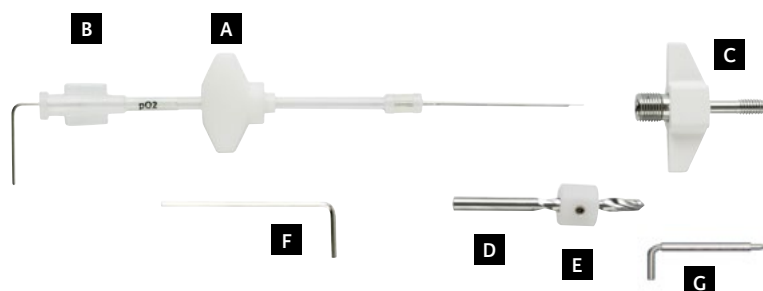


Introducer Kits only

LICOX® INTRODUCER KIT, SINGLE LUMEN

The kit includes:

- A Compression cap
- B Introducer
- C Bolt
- D \varnothing 3.8 mm twist drill bit
- E Adjustable drill safety stop with set screw
- F Hex wrench
- G Stylet



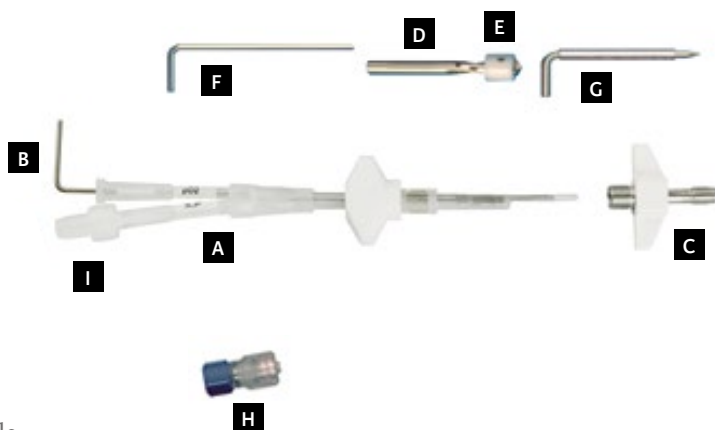
Supplied sterile

Catalog No. IM1

LICOX® INTRODUCER KIT, DOUBLE LUMEN

The kit includes:

- A Dual channel introducer with luer connectors
- B Guide wire
- C Bolt
- D \varnothing 5.3 mm twist drill bit
- E Adjustable drill safety stop with set screw
- F Hex wrench
- G Stylet
- H Compression fitting for Codman® ICP Microsensor® Catheter
- I Removable ICP lumen obturator



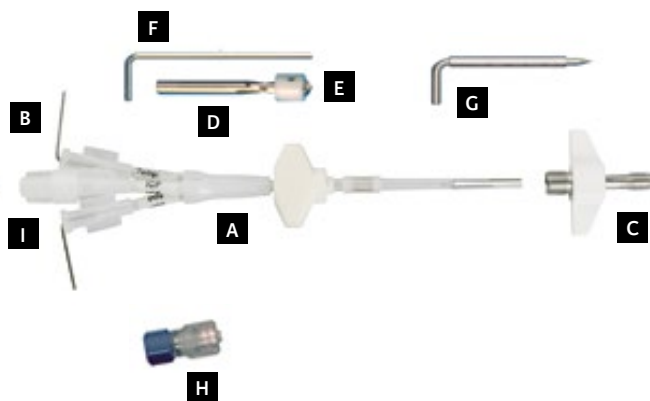
Supplied sterile

Catalog No. IM2EU

LICOX® INTRODUCER KIT, TRIPLE LUMEN

The kit includes:

- A Triple channel introducer with luer connectors
- B Guide wires (x2)
- C Bolt
- D \varnothing 5.3 mm twist drill bit
- E Adjustable drill safety stop with set screw
- F Hex wrench
- G Stylet
- H Compression fitting for Codman® ICP Microsensor® Catheter
- I Removable ICP lumen obturator



Supplied sterile

Catalog No. IM3EU

Introducer Kits only

LICOX® COMPLETE BRAIN PROBE KIT, SINGLE LUMEN

The kit includes:

Oxygen probe	CC1SB
Single Lumen Introducer	IM1

Storage condition: between 2° and 10°C

Supplied sterile

Catalog No. IM1S



LICOX® COMPLETE BRAIN PROBE KIT, DOUBLE LUMEN

The kit includes:

Oxygen probe	CC1SB
Double Lumen Introducer	IM2EU

Storage condition: between 2° and 10°C

Supplied sterile

Catalog No. IM2SEU



LICOX® COMPLETE BRAIN PROBE KIT, TRIPLE LUMEN

The kit includes:

Oxygen probe	CC1SB
Triple Lumen Introducer	IM3EU

Storage condition: between 2° and 10°C

Supplied sterile

Catalog No. IM3SEU



LICOX® COMPLETE BRAIN PROBE KIT WITH TEMPERATURE PROBE, TRIPLE LUMEN

The kit includes:

Oxygen probe	CC1SB
Temperature probe	C8B
Triple Lumen Introducer	IM3EU

Storage condition: between 2° and 10°C

Supplied sterile

Catalog No. IM3STEU



Combined Probe only and Introducer kits
LICOX® COMBINED OXYGEN AND TEMPERATURE PROBE

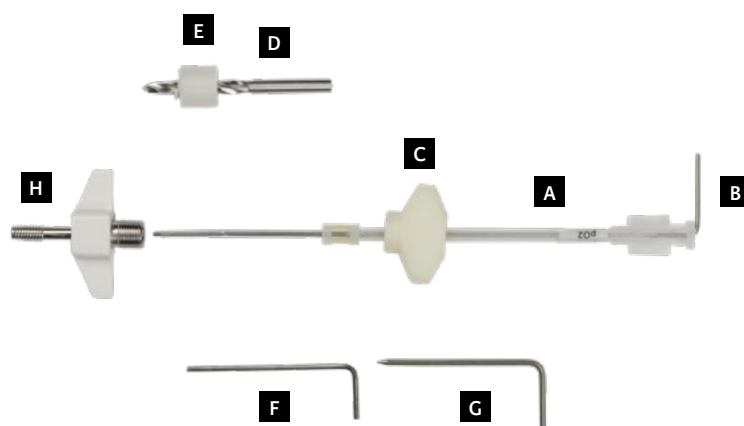
The kit includes:

Probe's tube Diameter at probe tip	0.65mm
Probe's tube Length	460 mm
Oxygen sensitive area	18 mm ²
Compatibility with	IP1/IP2/VK52

Storage condition: between 2° and 10°C

Supplied sterile

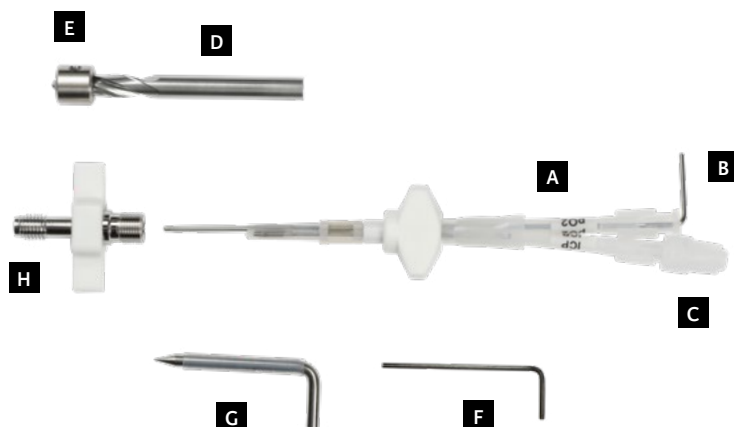
Catalog No. CC1P1

LICOX® SINGLE LUMEN INTRODUCER KIT

The kit includes:

A	Bolt with single lumen introducer
B	Guide wire
C	Compression cap
D	Drill bit diam. 3.8 mm
E	Adjustable drill stop with set screw
F	Hex wrench for adjustment of drill stop
G	Stylet
H	Bolt

Supplied sterile

Catalog No. IP1

LICOX® DOUBLE LUMEN INTRODUCER KIT

The kit includes:

A	Bolt with double lumen introducer for Licox® combined oxygen and temperature probe
B	Guide wire
C	Compression cap fitting for ICP catheter
D	Drill bit diam. 6.3 mm
E	Adjustable drill stop with set screw
F	Hex wrench for adjustment of drill stop
G	Stylet
H	Bolt

Supplied sterile

Catalog No. IP2

Combined Probe with Bolted and Tunneling Introducer kits

LICOX® COMPLETE BRAIN PROBE KIT, SINGLE LUMEN

The kit includes:

Combined Oxygen and Temperature Probe	CC1P1
Single Lumen Introducer Kit	IP1

Storage condition: between 2° and 10°C
Supplied sterile

Catalog No. IP1P



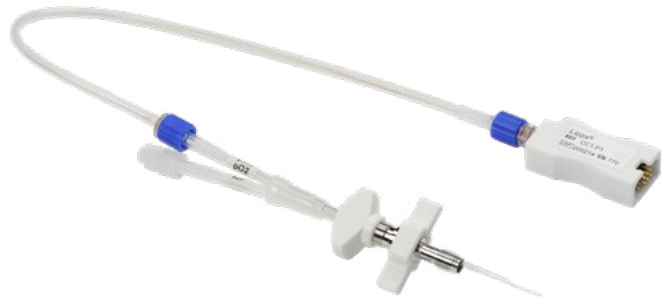
LICOX® COMPLETE BRAIN PROBE KIT, DOUBLE LUMEN

The kit includes:

Combined Oxygen and Temperature Probe	CC1P1
Double Lumen Introducer Kit	IP2

Storage condition: between 2° and 10°C
Supplied sterile

Catalog No. IP2P



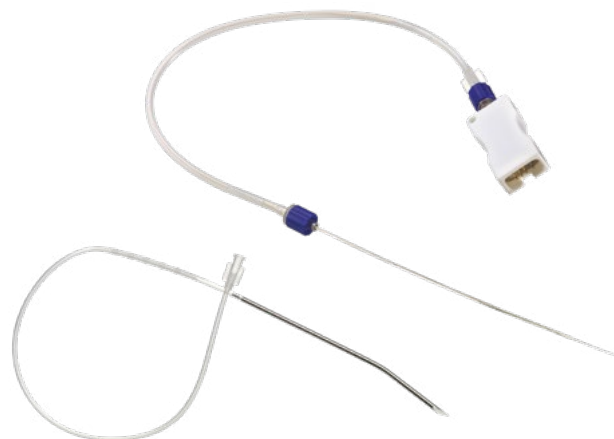
LICOX® COMPLETE BRAIN TUNNELING PROBE KIT

The kit includes:

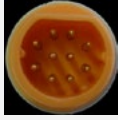


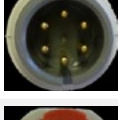
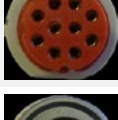
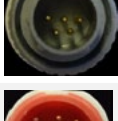

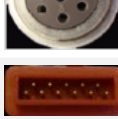
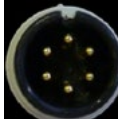
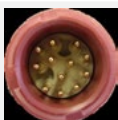




Combined Oxygen and Temperature Probe	CC1P1
Parenchymal Probe Guide	VK52

Storage condition: between 2° and 10°C
Supplied sterile

Catalog No. IT2EU



LICOX[®] - PATIENT MONITOR INTERFACE CABLES

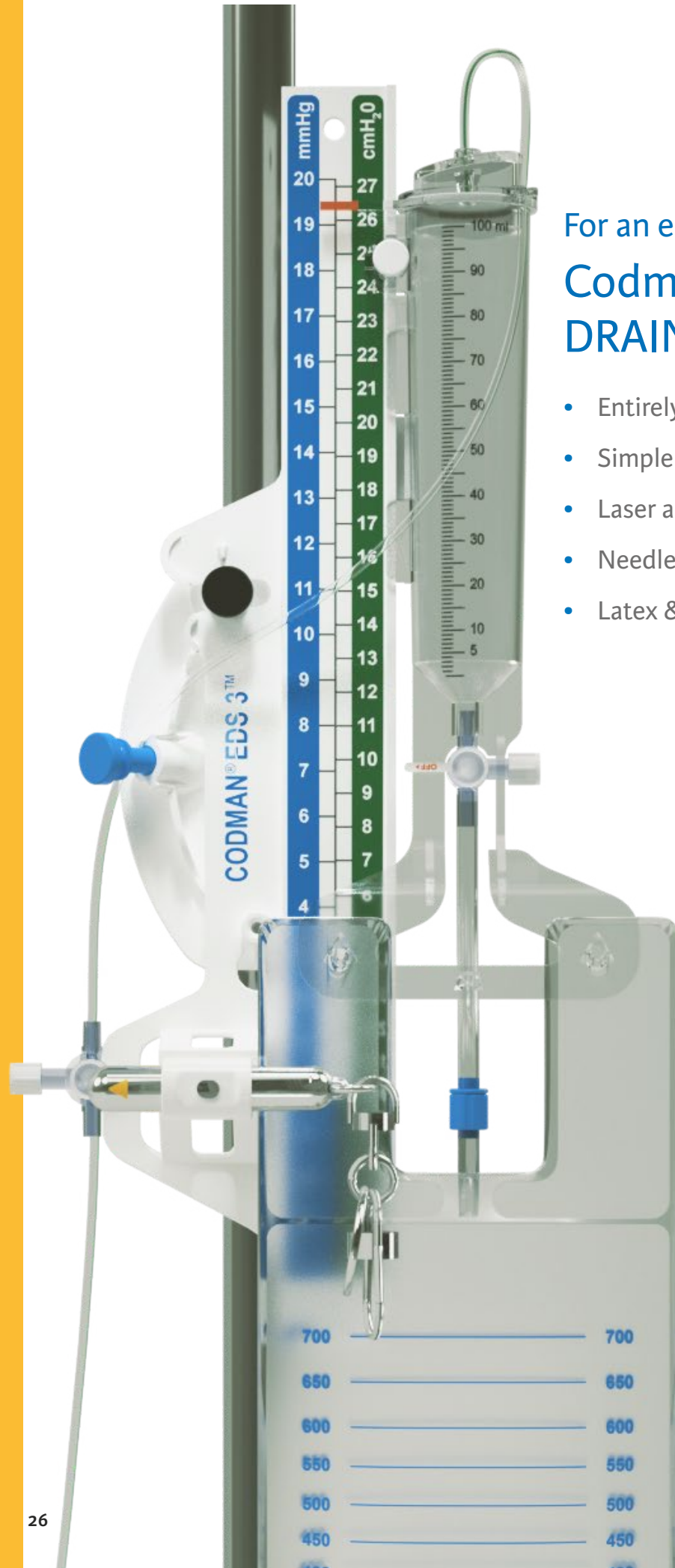
Adapter Cable	Picture
ICP16	
ICP17	
ICP18	
ICP19	
ICP22	
ICP33	
ICP39	
ICP46	
ICP60	
ICP80	
ICP81	
ICP90	
ICTo1	
ICT39	



Therapy & Infection Prevention - External Drainage

For an easy-to-use solution, choose the Codman® EDS 3™ EXTERNAL DRAINAGE SYSTEM

- Entirely disposable, complete system
- Simple set up
- Laser accuracy
- Needle-free access
- Latex & PVC free



The Codman[®] EDS 3[™] External Drainage System was developed with input from more than 200 nurses and physicians.

- High-visibility pressure scales in mmHg (-3 to 20) and cmH₂O (-5 to 27)
- Drip Chamber with hydrophobic & haemorepellent filter marked for 0-100ml capacity, funnel bottom, and sampling site (outlet)
- Improved, larger tubing connecting the drip chamber and the drainage bag
- Reusable Leveling Device incorporates bubble level with laser lamp
- Pressure-resistant striped CSF tubing line
- Redesigned drainage bag with needle-free access port

Reference	Description
821730C	Codman [®] External Drainage System EDS 3 [™] with ventricular catheter (contains 821735 ventricular catheter)
821731C	CODMAN [®] External Drainage System EDS 3 [™] No Ventricular Catheter
821732C	EDS 3 [™] Collection Bag Kit - 5 Bags
821733	EDS 3 [™] Leveling Device

PANEL MOUNT EXTERNAL DRAINAGE SYSTEMS

ACCUDRAIN™ EXTERNAL CSF DRAINAGE SYSTEM

- Green striped patient line
- Two needleless sampling sites
- Anti-microbial hydrophobic vent
- Funnel-shaped 75 ml graduated burette
- Patient-line stopcock
- Four-way high flow burette stopcock
- One-hand Squeeze-Lok™ tabs for easy and secure burette height adjustment
- Line level device
- 700 ml drainage bag
- MR Compatibility Status: Please refer to the Directions for Use of this product for further information.

Reference	Description
INS8400	Without anti-reflux valve
INS8401	With anti-reflux valve

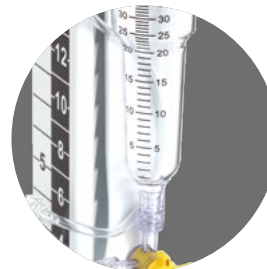
Latex free
Sterile, packaged individually



Squeeze-Lok™ tabs for adjusting burette level



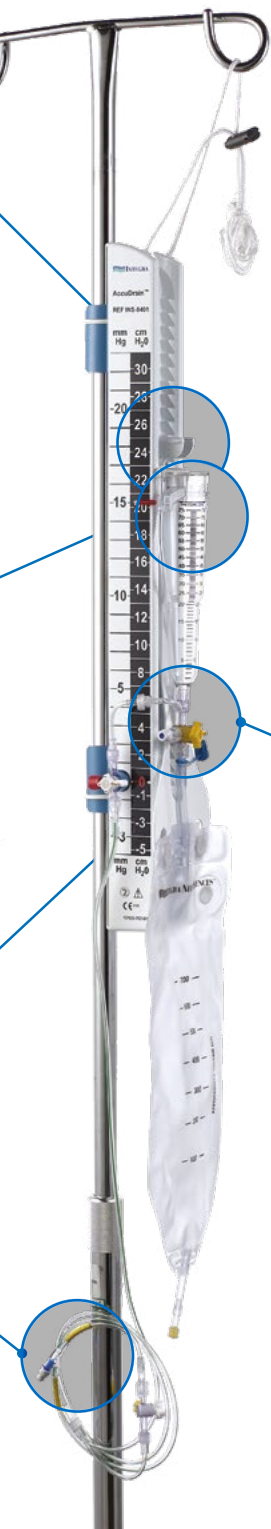
Antimicrobial hydrophobic filter



Burette has funnel-shaped bottom with large bore outlet and stopcock



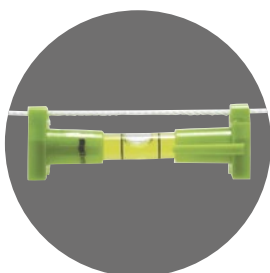
Yellow label on access site



Double action lever



Needleless sampling site



Level included in every system



INS8700

Drainage Bag compatible with AccuDrain™ External CSF Drainage System:

Reference	Description
INS8700	<ul style="list-style-type: none"> • 700 ml Replacement Drainage Bag • Anti-Reflux valve

Latex free
Sterile, 5 units per box

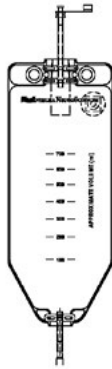
MONITRR ICP™ EXTERNAL CSF DRAINAGE AND MONITORING SYSTEM

The MoniTorr ICP™ External CSF Drainage System is a closed system. This system is used with a pole mount bracket assembly for simple, accurate patient alignment. The patient line is completely sealed. This system has a VentGuard™ feature which inhibits contamination of the microbial barrier filter. Collection bag has an anti-reflux valve.

Reference	Description
10100	MoniTorr ICP™ External CSF Drainage and Monitoring System
10110	MoniTorr ICP™ External CSF Drainage and Monitoring System with patient line anti-reflux valve.

Sterile, packaged individually





MONITERR ICP™ REPLACEMENT DRAIN BAG

Reference	Description
10210	500 ml replacement drainage bag with anti-reflux valve and drain tube for the 10110 MoniTorr ICP™ External CSF Drainage and Monitoring System.

Sterile, packaged individually

PANEL MOUNT EXTERNAL DRAINAGE SYSTEMS

HERMETIC™ PLUS EXTERNAL CSF DRAINAGE SYSTEM

- Green striped pressure monitoring tubing patient line
- Two SmartSite® needless sampling site
- Anti-microbial hydrophobic vent
- 50 ml graduated burette
- Patient-line stopcock
- Four-way high flow burette stopcock
- Velcro® straps & large suspension cord locking mechanism
- Line level device
- 700 ml drainage bag
- MR Compatibility Status: Please refer to the Directions for Use of this product for further information.

Reference	Description
INS8301	With anti-reflux valve in patient line

Sterile, packaged individually

Drainage Bag compatible with Hermetic™ Plus External CSF Drainage System:

Reference	Description
INS8700	<ul style="list-style-type: none"> • 700 ml Replacement Drainage Bag • Anti-Reflux valve

Latex Free

Sterile, 5 units per box



POLE MOUNT EXTERNAL CSF DRAINAGE SYSTEMS

EXTERNAL CSF DRAINAGE SYSTEM

- Two SmartSite® needleless sampling site
- Anti-Microbial hydrophobic vent
- 50 ml graduated burette
- Patient and burette stopcocks
- 700 ml drainage bag
- Product not tested in MR environment
- Sterile, packaged individually
- Anti-reflux valve bonded distal to patient stopcock

Reference	Description
INS8600	<ul style="list-style-type: none"> • Large-bore blue striped tubing patient line • In-line anti-reflux valve
INS8601	<ul style="list-style-type: none"> • Green-striped pressure tubing patient line • Removable anti-reflux valve distal to panel mount stopcock

Sterile, packaged individually

Drainage Bag compatible with AccuDrain™ External CSF Drainage System:

Reference	Description
INS8700	<ul style="list-style-type: none"> • 700 ml Replacement Drainage Bag • Anti-Reflux valve

Latex free
Sterile, 5 units per box



EVOLUTION POLE MOUNT

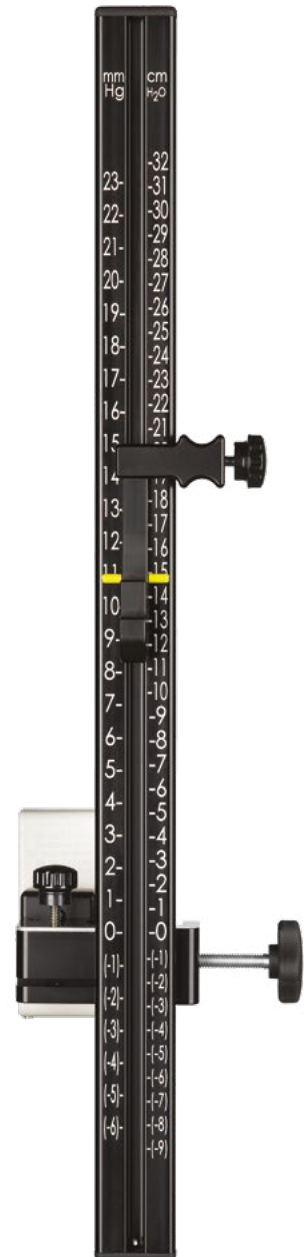
The Evolution Pole Mount assembly bracket with laser level provides support and alignment for the External CSF Drainage and Monitoring Systems.

The pole mount assembly assists in zero leveling and setting the pressure level for the CSF drainage and ICP management. Evolution's secure and dependable design includes captured components.

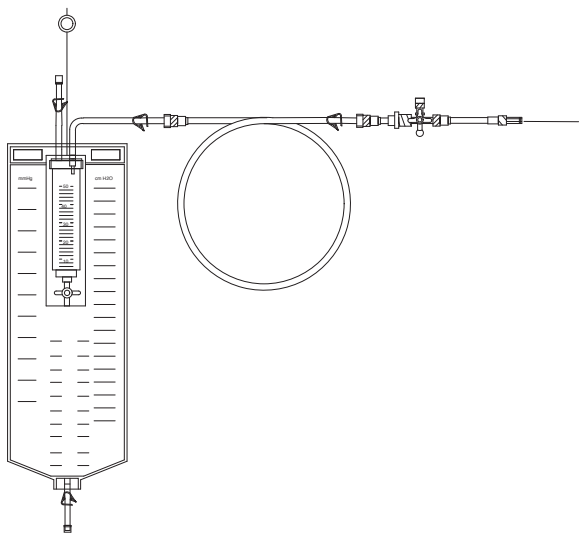
Reference	Description
INS400	Pole Mount Assembly with cmH ₂ O and mmHg Rail
INS410	Evolution Pole Mount Assembly with cm H ₂ O and mm Hg Rail with Laser Level and negative scale of -25 cm H ₂ O/-18 mm Hg and Line Level

Compatible with:

INS8600, INS8601, 10100, 10110, INS9020, INS9030



BASIC CSF DRAINAGE SYSTEM - VENTRICULAR DRAINAGE SYSTEM



- Patient line with clamp and self-sealing injection/sampling port
- Four-way stopcock
- 50 ml rigid drip chamber
- 30 cmH₂O and 20mmHg height scales
- Removable one-way check valve

Reference

NL850500V

Sterile, packaged individually

MONITROR ICP™ EXTERNAL CSF DRAINAGE BAG SYSTEM



- MoniTorr ICP™ External CSF Drainage System is designed to be used with Integra lumbar catheters.

Reference

10150

Sterile, packaged individually

INFECTION PREVENTION

BACTISEAL® EVD prevents colonisation by

gram

For the NCC specialist who wants to control infection rates¹ in their unit, BACTISEAL® is an Antibiotic **impregnated anti-microbial catheter**:

- that provides constant dual-drug protection with Rifampicin & Clindamycin
- that prevents catheter colonization for up to 28 days²

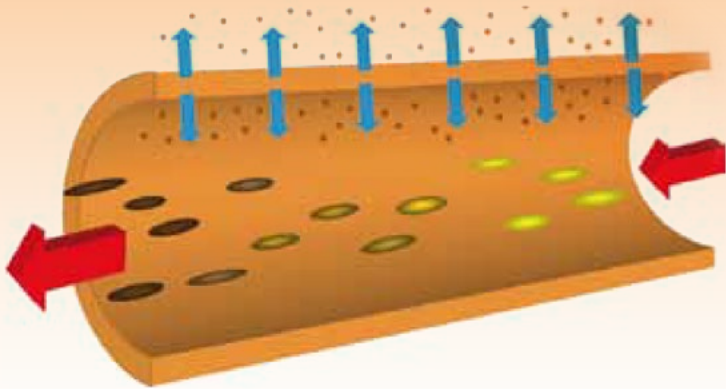
BACTISEAL® EVD kills 100% of target organisms and delivers reduced EVD infection rates.³

1. Harrop, J.S., et al., Impact of a standardized protocol and antibiotic-impregnated catheters on ventriculostomy infection rates in cerebrovascular patients. *Neurosurgery*, 2010. 67(1): p. 187-91.

2. Bayston, R. and E. Lambert, Duration of protective activity of cerebrospinal fluid shunt catheters impregnated with antimicrobial agents to prevent bacterial catheter-related infection. *J Neurosurg*, 1997. 87(2): p. 247-51.

3. Bayston R. Ashraf W, Bhundia C. Mode of action of an antimicrobial biomaterial for use in hydrocephalus shunts. *J. Antimicrobial Chemotherapy* vol. 53, 778-782, March 2004

positive bacteria.



CODMAN BACTISEAL™ EVD CATHETER

The Anti-microbial Technology Demanded for CSF Drainage. A technically innovative anti-microbial impregnated catheter for external CSF drainage which reduces gram positive bacteria on catheter tube surfaces. Treated with the patented BACTISEAL Advanced Impregnation Process

- Reducing the potential for bacterial colonization on inner lumen and exterior catheter wall
- Soft, flexible, pliable silicone catheters
- Depth markings for accurate placement
- Requires no technique change
- Available with either normal or large drainage lumen
- Available 'clear' or 'opaque'.

Reference	Description
821745	BACTISEAL EVD Catheter Set Depth Markings 3cm to 15cm Inner Lumen Diameter 1.5mm
821749	BACTISEAL EVD Catheter Set Depth Markings 3cm to 15cm Inner Lumen Diameter 1.9mm
821750	CLEAR BACTISAL EVD Catheter Set Depth Markings 3cm to 15cm Inner Lumen Diameter 1.9mm



82-1745 (Diameter: 1.5mm)



82-1749 (Diameter: 1.9mm)



82-1750 (Clear; Diameter: 1.9mm)

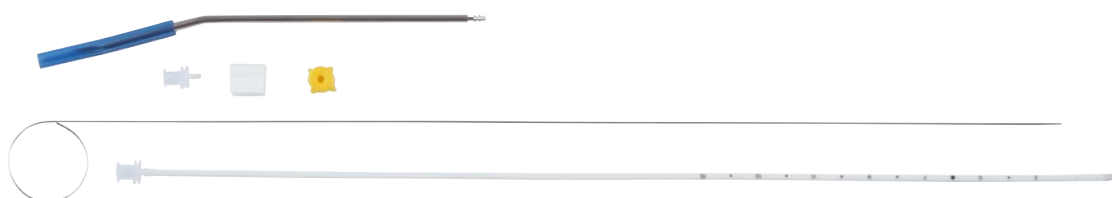
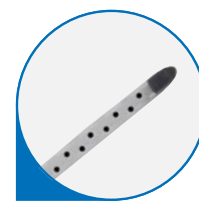


Ventricular Drainage Catheters

HERMETIC™ VENTRICULAR CATHETER SET

Reference	Description
INS8220	<ul style="list-style-type: none"> • One (1) 35 cm barium impregnated ventricular catheter OD: 2.7 mm x ID: 1.3 mm • One (1) 38 cm stainless steel stylet • One (1) luer connector • One (1) suture collar • One (1) 15 cm 10 Fr. trocar • One (1) yellow male end cap

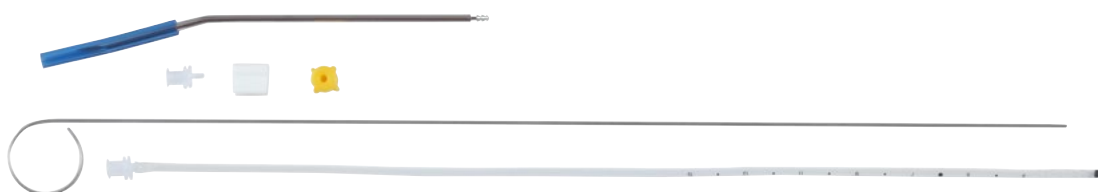
Latex Free
Sterile, packaged individually



HERMETIC™ VENTRICULAR SMALL CATHETER SET

Reference	Description
INS4000	<ul style="list-style-type: none"> • One (1) 20 cm barium striped ventricular catheter OD: 2.5 mm x ID: 1.3 mm • One (1) 26 cm stainless steel stylet • One (1) luer connector • One (1) suture collar • One (1) 15 cm 10 Fr. trocar • One (1) yellow male end cap

Latex Free
Sterile, packaged individually

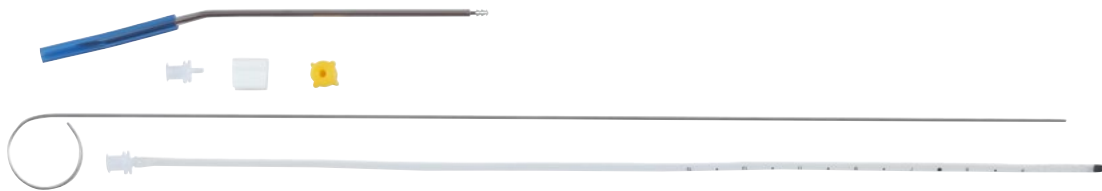


Ventricular Drainage Catheters

HERMETIC™ LARGE STYLE VENTRICULAR CATHETER SET

Reference	Description
INS4500	• One (1) 35 cm barium striped ventricular catheter OD: 3 mm x ID: 1.6 mm
	• One (1) 38 cm stainless steel stylet
	• One (1) luer connector
	• One (1) suture collar
	• One (1) 15 cm 10 Fr. trocar
	• One (1) yellow male end cap

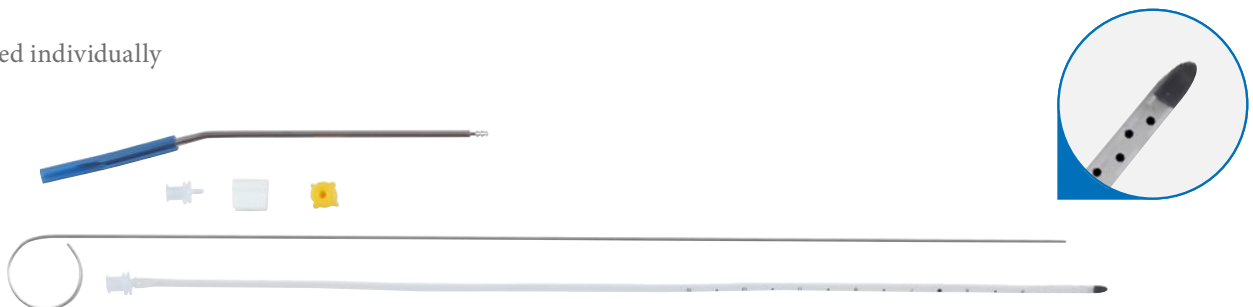
Latex Free
Sterile, packaged individually



TRAUMACATH™ VENTRICULAR CATHETER SET

Reference	Description
INS8420	• One (1) 35 cm barium striped ventricular catheter OD: 3.3 mm x ID: 1.9 mm
	• One (1) 38 cm stainless steel stylet
	• One (1) luer connector
	• One (1) suture collar
	• One (1) 15 cm 10 Fr. trocar
	• One (1) yellow male end cap
	• Large holes (1.8mm)

Latex Free
Sterile, packaged individually



EXTERNAL DRAINAGE VENTRICULAR SET

Reference	Description
821735	clear CSF ventricular catheter (1.5mm inner Lumen diameter)

LIMITORR™ VOLUME LIMITING CSF DRAINAGE SYSTEM

The LimiTorr™ Volume Limiting CSF Drainage System, with unique volume limiting burette technology, halts CSF drainage if pre-determined level is reached and helps prevent overdrainage. LimiTorr™ also has an anti-microbial hydrophobic bi-layer vent and removable 500 ml drainage bag. Green-striped pressure tubing on the patient line is completely sealed and has needleless sampling sites marked with yellow labels for easy identification as well as a mounted transducer bracket.



- 20 ml or 30 ml shut-off volumes available
- DINS-400 Evolution Pole Mount is the only recommended pole mount for LimiTorr™ to provide simple, sturdy alignment with the patient

Reference	Description
INS9020	LimiTorr Volume Limiting CSF Drainage System with 20 ml burette
INS9030	LimiTorr Volume Limiting CSF Drainage System with 30 ml burette

Sterile, packaged individually
*MRI Safe, Latex Free

LIMITORR™ VOLUME LIMITING CSF DRAINAGE SYSTEM REPLACEMENT DRAIN BAG



Reference	Description
INS2101	500 ml replacement drainage bag with anti-reflux valve, attached blue cap, and drain tube for the LimiTorr™ INS9020 and INS9030 Volume Limiting CSF Drainage Systems.

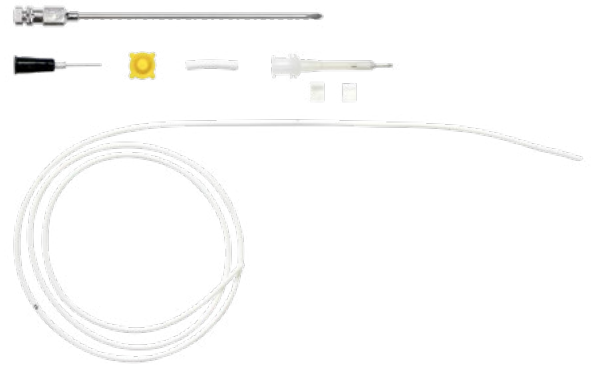
Sterile, packaged individually
*MRI Safe, Latex Free

LUMBAR DRAINAGE CATHETERS

HERMETIC™ LUMBAR CATHETER CLOSED TIP

Reference	Description
INS5010	<ul style="list-style-type: none"> • One (1) 80 cm closed-tip lumbar catheter OD: 1.5 mm x ID: 0.7 mm • One (1) 14-gauge x 8.8 cm Tuohy needle • One (1) flexible luer adapter • Two (2) suture collars • One (1) Veni-Gard® Dressing • One (1) strain relief tubing • One (1) PTFE coated guide wire • One (1) 22-gauge blunt needle • One (1) yellow male end cap

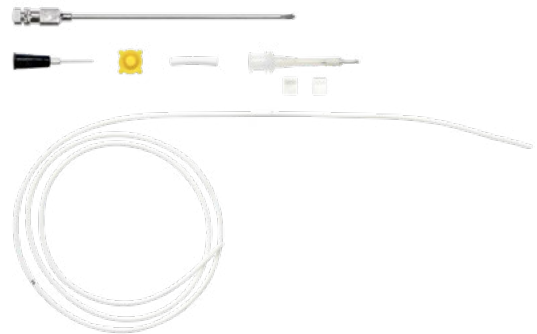
Latex Free
Sterile, packaged individually



HERMETIC™ LUMBAR CATHETER OPEN TIP

Reference	Description
INS8330	<ul style="list-style-type: none"> • One (1) 80 cm open-tip lumbar catheter OD: 1.5 mm x ID: 0.7 mm • One (1) 14-gauge x 8.8 cm Tuohy needle • One (1) flexible luer adapter • Two (2) suture collars • One (1) Veni-Guard® Dressing • One (1) strain relief tubing • One (1) 22-gauge blunt needle • One (1) yellow male end cap

Latex Free
Sterile, packaged individually



Accessories

REPLACEMENT DRAINAGE



Reference	Description
821732C	<ul style="list-style-type: none"> EDS 3™ Collection Bag Kit 700 ml - 5 Bags For 821730C, 821731C
Reference	Description
INS8700	<ul style="list-style-type: none"> 700 ml Drainage Bag Anti-Reflex valve For INS8301, INS8400, INS8401, INS8600, INS8601

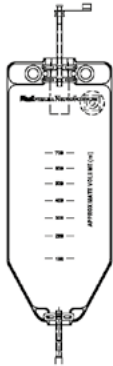
Latex Free
Sterile, 5 units per box

LINE LEVEL



Reference	Description
INS8903	Line Level

MONITRR ICP™ REPLACEMENT DRAIN BAG



Reference	Description
10210	500 ml replacement drainage bag with anti-reflux valve and drain tube for the 10110 MoniTorr ICP™ External CSF Drainage and Monitoring System.

Sterile, packaged individually

LIMITORR™ VOLUME LIMITING CSF DRAINAGE SYSTEM REPLACEMENT DRAIN BAG



Reference	Description
INS2101	500 ml replacement drainage bag with anti-reflux valve, attached blue cap, and drain tube for the LimiTorr™ INS9020 and INS9030 Volume Limiting CSF Drainage Systems.

Sterile, packaged individually
*MRI Safe, Latex Free



Indications for use

CODMAN® Cranial Hand Drill and Cranial Drill Bits

Indications

The CODMAN Cranial Hand Drill and Cranial Drill Bits are indicated when a craniotomy is required for placement of an intracranial pressure (ICP) monitoring device and/or cerebrospinal fluid drainage device.

Cerelink® ICP Monitor, CereLink® ICP Sensors and DirectLink™ ICP module

Indications

CereLink and DirectLink, their accessories and disposables are intended to be used to monitor physiological brain parameters.

Licox® P_tO₂ Monitor LCX02 & Accessories

Indications

Licox, its disposables and accessories are intended to be used to monitor physiological brain parameters.

Licox® probes

Indications

The Licox Brain Oxygen Monitoring System measures intracranial oxygen and temperature and is intended as an adjunct monitor of trends of these parameters, indicating the perfusion status of cerebral tissue local to sensor placement. Licox System values are relative within an individual, and should not be used as the sole basis for decisions as to diagnosis or therapy. It is intended to provide data additional to that obtained by current clinical practice in cases where hypoxia or ischemia are a concern.

EDS3

Indications

Use of the CODMAN External Drainage Set is indicated for gaining access to the ventricles of the brain and can be used with other CODMAN devices for draining cerebrospinal fluid and other fluids of similar physical characteristics as a means of reducing increased intracranial volume and pressure.

EVD products (i.e. Accudrain, Hermetic, Limitorr, Monitorr, Drainage sets, Drainage accessories, Bactiseal)

Indications

Integra's external ventricular and lumbar drainage products are intended to drain CSF from the ventricular or the lumbar space.

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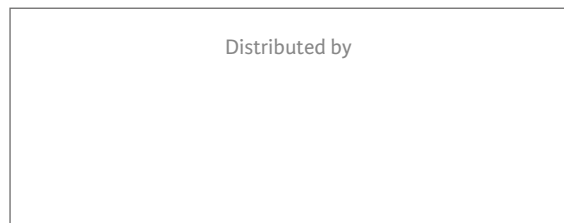
Codman®

SPECIALTY SURGICAL

A DIVISION OF INTEGRA LIFESCIENCES



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