

Integra®
Hydrocephalus Management
Essential Shunt Kits

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Limit uncertainty with the basic valve system
for Hydrocephalus treatment.

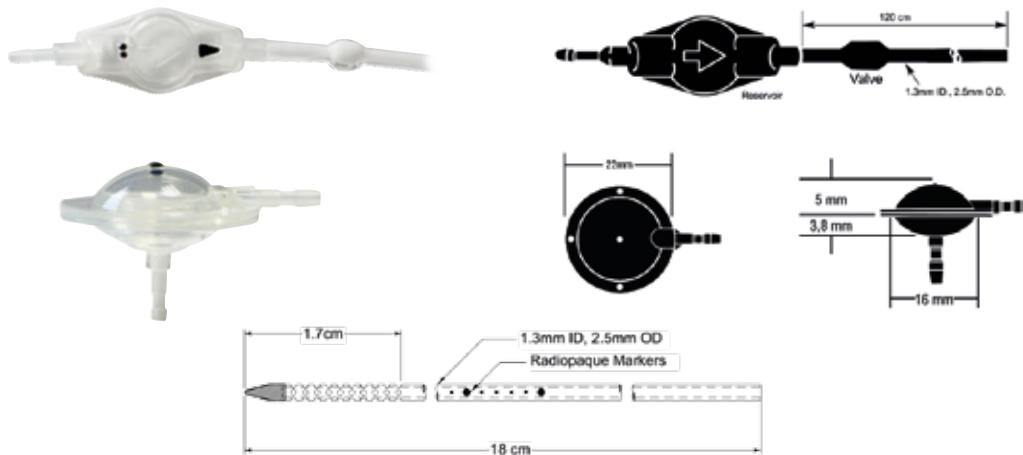
Integra®

Hydrocephalus Management

Essential Shunt Kits

The Essential Shunt, utilized in the treatment of Hydrocephalic patients, is designed to shunt cerebrospinal fluid from the lateral ventricles of the brain into the peritoneum. The Essential Shunt Kit-Flat Bottom Design, can be used in (but is not restricted to) situations where skin erosion may be a problem.

The shunt is available in two configurations with varying pressure ranges.



Flat Bottom Design

- Essential valve with one CSF flushing reservoir with attached 120cm kink resistant striped peritoneal catheter.
- Separate 18cm ventricular catheter with stylet and right-angle ventricular catheter guide.

Pressure Range	Reference
low	NL8504120
medium	NL8504121

Burr-Hole Design

- Essential valve with one CSF flushing reservoir with attached 120cm kink resistant striped peritoneal catheter.
- Separate 18cm ventricular catheter with stylet and right-angle ventricular catheter guide.

Pressure Range	Reference
low	NL8504110
medium	NL8504111
high	NL8504112

Valve Performance Chart

	Low Pressure	Medium Pressure	High Pressure
Dot Code	●	● ●	● ● ●
Closing Pressure	mm H2O	mm H2O	mm H2O
Range	5-50	51-110	111-180

Key Features

- Shunt Kit
- Valve and catheters contains barium sulfate
- No metal part used in the system
- Integral straight connectors

Benefits

- Easy to use
- Xray detectability
- Eliminate possibility of interference with imaging technology
- Simplify implantation by eliminating connections

Essential Shunt Kit Burr Hole Design Indications:

The CSF Flow Control Valve, utilized in the treatment of hydrocephalic patients, is a component in systems designed to shunt cerebrospinal fluid from the lateral ventricles of the brain into either the right atrium of the heart or the peritoneum.

Essential Shunt Kit Burr Hole Design Contraindications:

Ventriculoatrial or ventriculoperitoneal shunting systems should not be used in the presence of known or suspected infections along the course of the shunt (meningitis, ventriculitis, skin infections, bacteremia, septicemia or peritonitis). It is advisable to avoid shunting procedures if infection is present anywhere in the body. The ventriculoatrial method of shunting is contraindicated for hydrocephalic patients with congenital heart disease or other anomalies of the cardiopulmonary system.

Essential Shunt Kit Flat Bottom Design Indications:

The Essential Shunt Kit-Flat Bottom Design, utilized in the treatment of hydrocephalic patients, is designed to shunt cerebrospinal fluid from the lateral ventricles of the brain into the peritoneum. The Essential Shunt Kit-Flat Bottom Design, can be used in (but is not restricted to) situations where skin erosion may be a problem, as with older patients.

Essential Shunt Kit Flat Bottom Design Contraindications:

Ventriculoperitoneal shunting systems should not be used in the presence of known or suspected infections along the course of the shunt (meningitis, ventriculitis, skin infections, bacteremia, septicemia, or peritonitis). It is advisable to avoid shunting procedures if infection is present anywhere in the body.

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