Strata® Family of Adjustable Valves

INNOVATIVE TECHNOLOGY FOR HYDROCEPHALUS

Strata® Family of Adjustable Valves
INNOVATIVE TECHNOLOGY FOR HYDROCEPHALUS TREATMENT

PS Medical® Strata® Adjustable Pressure Valves enable simple, non-invasive adjustment that doesn’t require x-ray confirmation and may reduce the need for revisions. The Strata valves are available in a wide range of configurations, providing convenience and flexibility for managing your hydrocephalus patients.

We offer the Strata Adjustable Valves, the Strata NSC Adjustable Valves, and the Strata NSC Lumboperitoneal Shunt Kit.

- Strata Adjustable Valves
- Strata NSC
- Strata NSC LP
**Simplicity.**

- Allows simple, non-invasive performance level adjustments in the physician’s office
- Easy for clinicians
- Requires no x-ray verification or confirmation
- May decrease the need for revisions, reducing patient trauma and cost

**Quality.**

- Latex-free
- Lifetime limited warranty
- MR Conditional to 3.0 Tesla
- Designed to minimize the risk of inadvertent changes with technology that stabilizes the performance level settings

**Convenience.**

- Multiple valve sizes and shunt configurations
- Injectable reservoir dome
- Distal and proximal occluders for selective flushing
- Strata valves with a Delta Chamber are designed to help maintain the equilibrium of CSF pressure, regardless of patient’s body posture or flow control needs
Strata® Adjustment Systems

In the office or exam room, physicians can easily adjust and verify the pressure setting on a patient’s Strata Adjustable Shunt with the Strata Adjustment Tools or the StrataVarius® Adjustment System. Both devices are small enough to fit into a coat pocket and do not require an outside power source. These systems have proven accurate enough in verification that they do not require further confirmation via x-ray, unlike some of the other adjustment systems on the market.4

**Strata® Adjustment Tools**
- Locator Tool, Indicator Tool, Adjustment Tool

**StrataVarius® Adjustment System**
- Handheld adjustment tool for left- or right-hand use
- Built-in adjustment magnet and LCD readout screen
- Portal for valve palpation and magnetic valve adjustment
- Provides numeric interpretation (mm H2O) of the valve’s performance level setting with included Smart Card
- Powered by two AA batteries

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**ORDERING INFORMATION**

**StrataVarius® Adjustment System**
REF No. 45806

**Strata® Adjustment Tools**
REF No. 45805
Strata® Adjustable Pressure Valves

WITH SIPHON CONTROL

These adjustable pressure valves include overdrainage protection and a patented adjustable valve mechanism that enables non-invasive performance level adjustments using our handheld adjustment tools. The patented Delta® Chamber siphon-control device is a normally closed mechanism that opens in response to positive ventricular pressure, but remains closed in response to negative distal pressure.

ORDERING INFORMATION

Strata® II Valve, Regular
REF No. 42866
92866 w/ BioGlide®
Hydrophilic
Surface Modification

Strata II Valve, Small
REF No. 42856
92856 w/ BioGlide

Strata Burr Hole Valve
REF No. 42836

Strata II Valve, Regular,
with Integral Peritoneal Catheter
REF No. Peritoneal Length
46866 120 cm
27815 90 cm
27819 90 cm with BioGlide

Strata II Valve, Small,
with Integral Peritoneal Catheter
REF No. Peritoneal Length
46856 120 cm
27814 90 cm
27818 90 cm with BioGlide

Strata Burr Hole Valve
with Integral Peritoneal Catheter
REF No. Peritoneal Length
46836 120 cm
Strata® NSC
Adjustable Pressure Valves
WITH NO SIPHON CONTROL

These adjustable pressure valves include a patented adjustable valve mechanism that enables non-invasive performance level adjustments using our handheld adjustment tools.
Strata® NSC Adjustable LP Shunt Kit
FOR COMMUNICATING HYDROCEPHALUS

The Strata® NSC LP Valve is sized for subcutaneous placement in a lumboperitoneal (LP) shunt. It features an integral lumbar connector and strain relief for easy, non-kinking attachment of the proximal lumbar catheter. The peritoneal catheter includes a small (0.7 mm) inner lumen to preserve distal shunt resistance, as well as a radiopaque inner core and translucent wall to minimize tissue contact with barium.

ORDERING INFORMATION

Strata NSC LP Shunt Kit with Closed Tip Lumbar Catheter
REF No. 44420

Strata NSC LP Shunt Kit with Open Tip Lumbar Catheter
REF No. 44421

Strata NSC LP Shunt Kit with Closed Tip Lumbar Catheter and Integral Peritoneal Catheter, Small Lumen
REF No. 44430

Strata NSC LP Valve
REF No. 44465

Postoperative adjustment and verification of the Strata® NSC LP Valve requires the use of the StrataVarius® Adjustment System. Ref. No. 45806
References and Notes


3. The Strata valve has been tested to be MR Conditional, that is, exposure of the valve to 3 Tesla MRI will not damage the valve, but may change the valve pressure setting. Therefore, immediately after MRI exposure, the valve pressure setting needs to be checked by a neurosurgeon or attending physician.


For more information, contact your Medtronic NT sales representative or refer to www.medtronic.com.