

POWERPORT® Implanted Port - Radiopaque Titanium

Product Code	Code Description	Suture Plugs
8708000	POWERPORT® Titanium device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Silicone Filled
8708001	POWERPORT® Titanium device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Open (Non-Silicone Filled)

* Port trays include the new AIRGUARD® Valved Introducer

POWERPORT® isp Titanium Implanted Port - Radiopaque Titanium

Product Code	Code Description	Suture Plugs
8706060	POWERPORT® isp Titanium device with 6 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Silicone Filled
8706061	POWERPORT® isp Titanium device with 6 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Open (Non-Silicone Filled)
8708060	POWERPORT® isp Titanium device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Silicone Filled
8708061	POWERPORT® isp Titanium device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Open (Non-Silicone Filled)
8708560	POWERPORT® isp Titanium device with 8 Fr GROSHONG® Valved Catheter	Silicone Filled
8708561	POWERPORT® isp Titanium device with 8 Fr GROSHONG® Valved Catheter	Open (Non-Silicone Filled)

* Port trays include the new AIRGUARD® Valved Introducer

Heparin
Optional

POWERPORT® isp M.R.I. Implanted Port - Radio Translucent

Product Code	Code Description	Suture Plugs
8806060	POWERPORT® isp M.R.I. device with 6 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Silicone Filled
8806061	POWERPORT® isp M.R.I. device with 6 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Open (Non-Silicone Filled)
8808060	POWERPORT® isp M.R.I. device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Silicone Filled
8808061	POWERPORT® isp M.R.I. device with 8 Fr Attachable CHRONOFLEX™ Polyurethane Catheter	Open (Non-Silicone Filled)
8808560	POWERPORT® isp M.R.I. device with 8 Fr GROSHONG® Valved Catheter	Silicone Filled
8808561	POWERPORT® isp M.R.I. device with 8 Fr GROSHONG® Valved Catheter	Open (Non-Silicone Filled)

* Port trays include the new AIRGUARD® Valved Introducer

Heparin
Optional

POWERLOC® Safety Infusion Set - with Y-Site

Product Code	Size	Max. Recommended Flow Rate
8671934	19 Ga x 0.75"	5 ml/s
8671910	19 Ga x 1"	5 ml/s
8671915	19 Ga x 1.5"	5 ml/s
8672034	20 Ga x 0.75"	5 ml/s
8672010	20 Ga x 1"	5 ml/s
8672015	20 Ga x 1.5"	5 ml/s
8672234	22 Ga x 0.75"	2 ml/s
8672210	22 Ga x 1"	2 ml/s
8672215	22 Ga x 1.5"	2 ml/s



POWERLOC® Safety Infusion Set - without Y-Site

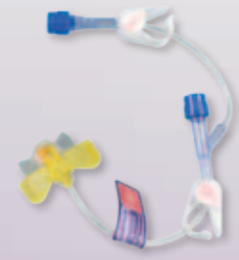
Product Code	Size	Max. Recommended Flow Rate
8651934	19 Ga x 0.75"	5 ml/s
8651910	19 Ga x 1"	5 ml/s
8651915	19 Ga x 1.5"	5 ml/s
8652034	20 Ga x 0.75"	5 ml/s
8652010	20 Ga x 1"	5 ml/s
8652015	20 Ga x 1.5"	5 ml/s
8652234	22 Ga x 0.75"	2 ml/s
8652210	22 Ga x 1"	2 ml/s
8652215	22 Ga x 1.5"	2 ml/s

Maximum Priming
Volume for
POWERLOC®
Safety Infusion Set

19 Ga, 20 Ga and 22 Ga	with Y-Site - 0.4 ml
19 Ga, 20 Ga and 22 Ga	without Y-Site - 0.3 ml

Minimum Gravity
Flow Rate for
POWERLOC®
Safety Infusion Set

19 Ga	1.680 ml/hr
20 Ga	960 ml/hr
22 Ga	312 ml/hr



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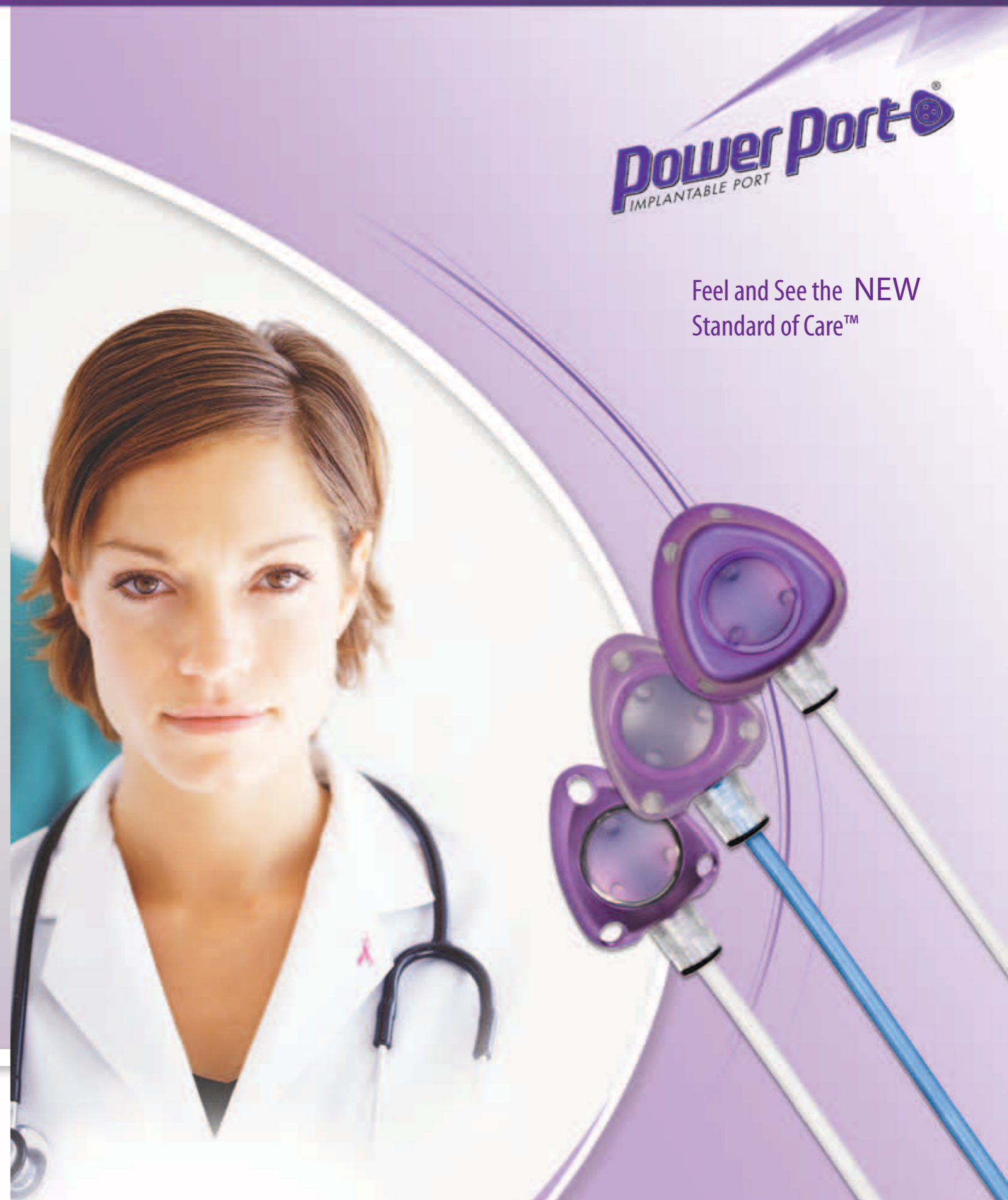
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Feel and See the **NEW**
Standard of Care™



The POWERPORT[®] Implantable Ports

A New Breed of Ports for IV Therapy Treatments

Easily Identifiable:

- Soft palpation points on septum
- Unique triangular port shape
- Unique Patient Discharge Packet
- Radiopaque Identifier

Enables reliable venous access:

- Easy, flexible placement and access
- Receive contrast-enhanced CT scans
- Receive IV therapies
- Reduce repeated needle sticks

Enables Superior Imaging:

- Power injection and contrast-enhanced capable when used with POWERLOC[®] Safety Infusion Set
- Withstand maximum flow rate of 5 ml/s power injection @ 300 psi (2068 kPa) pressure limit setting
- Power-injected contrast-enhanced scans (CECT) produce superior images to help better manage patient care

Features & Benefits Unique to POWERPORT[®] isp M.R.I. Devices:

- Light Weight for Patient Comfort
- Radio Translucent - ability to see through the port
- Reduced Artifact - better imaging capabilities
- Radiopaque identifier on the bottom of the port to aid in:
 - Identification of the POWERPORT[®] device under X-ray
 - Identification of a flipped port under x-ray

Cosmetically Appealing with Compact Size



Features & Benefits Unique to POWERPORT[®] Titanium Devices:

- Light Weight for Patient Comfort
- Feel the "click" when accessing
- Radiopaque

Cosmetically Appealing with Compact Size



UniqueSoft Palpation Points on septum

Unique triangular port shape

Suture Plugs
Open or silicone-filled options available

Unique radiopaque identifier for Power Symbol and flipped port detection.

CHRONOFLEX[™] 6 Fr and 8 Fr Polyurethane Catheter
TAXOL[®]/TAXOTERE[®] drug resistant

POWERPORT[®] isp M.R.I. Device



Soft Palpation Points on septum

Suture Plugs
Open or silicone-filled options available

Unique triangular port shape

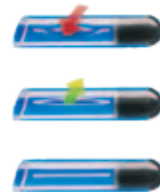
CHRONOFLEX[™] 8 Fr Polyurethane Catheter
TAXOL[®]/TAXOTERE[®] drug resistant

POWERPORT[®] Titanium Device

Heparin Optional

Features & Benefits Unique to GROSHONG[®] Silicone Catheters:

The patented three-way GROSHONG[®] valve allows infusion and blood aspiration while reducing the risk of air embolism, blood reflux and clotting. Because the system is closed, routine maintenance is simplified and the need for heparin is virtually eliminated.



- Negative pressure opens valve inward, permitting blood aspiration
- Positive pressure opens valve outward, allowing infusion
- At neutral pressure, valve remains closed, reducing risk of air embolism, blood reflux and clotting

Features & Benefits Unique to CHRONOFLEX[™] Polyurethane Catheters:

CHRONOFLEX[™] polyurethane catheters have been proven to exhibit superior biodegradability compared with other polyurethane catheters, making them ideal for long-term, blood-contacting devices. In vivo studies indicate the CHRONOFLEX[™] polyurethane catheter has less propensity for surface biodegradation, making it more resistant to environmental stress cracking.

