

BioFlo with Endexo® Technology

The BioFlo Midline Catheter is the first - and only - midline catheter with Endexo® Technology, providing a catheter material more resistant to in-vitro thrombus accumulation, compared to commonly used catheters (based on platelet count).¹

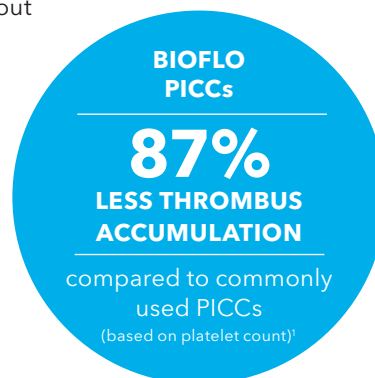
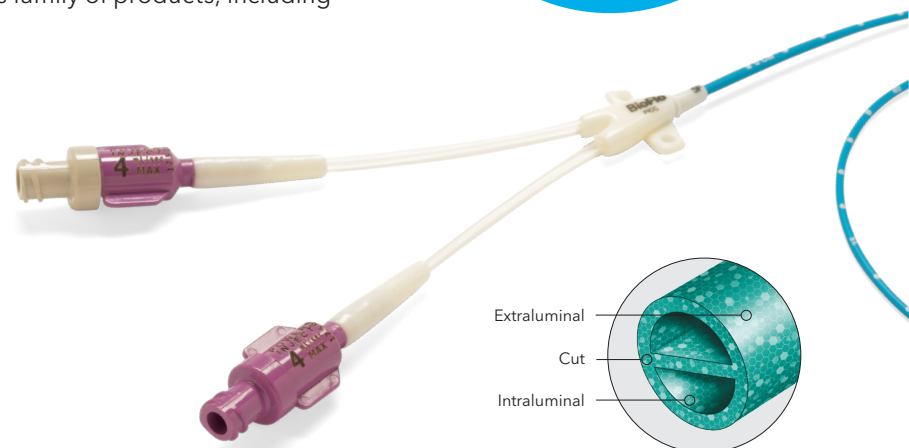
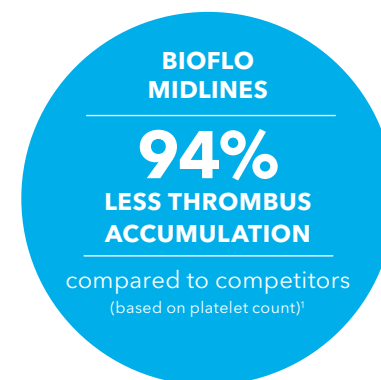
Endexo® Technology is a permanent and non-eluting polymer that is “blended” into the polyurethane from which the catheter is made. It is present throughout the catheter, including the intraluminal, extraluminal, and cut surface of the catheter. Endexo® Technology remains present for the life of the catheter. BioFlo catheters are available across the vascular access family of products, including Midlines, PICCs, Ports and Dialysis catheters.

PICCs

- Peripherally inserted central catheters are indicated for short and long-term peripheral access to the central venous system for intravenous therapy.

Midlines

- The BioFlo Midline Catheter provides short-term access (< 30 days) to the peripheral venous system for selected intravenous therapies and blood sampling. The BioFlo Midline Catheter is a 20 cm trimmable catheter featuring Endexo® Technology which is present throughout the catheter shaft including the intraluminal, extraluminal and cut surface of the catheter.



Learn more about BioFlo technology, including links to research on BioFlo, at spectrumvascular.com

¹ The reduction in thrombus accumulation (based on platelet count) is supported by acute in-vitro testing. Pre-clinical in-vitro evaluations do not necessarily predict clinical performance with respect to thrombus formation.

Making a **material** difference.

PERIPHERALLY INSERTED
CENTRAL CATHETERS (PICC)



BioFlo PICCs • Ordering Guide + Kit Components

BIOFLO POWER INJECTABLE PICC – NON-VALVED

STAINLESS STEEL GUIDEWIRE

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
CATHETER KITS					
H965459540	45-954	Single	3	4	20
H965458750	45-875	Single	4	6	17
H965458700	45-870	Dual	5	7	17.5/17.5
H965459620	45-962	Triple	6	7	16.5/19/19

Kit Includes: Catheter, Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, 92 cm Tape Measure, and Catheter Securement Device

MST[†] KITS WITH 70 CM WIRE

H965459550	45-955	Single	3	4	20
H965458760	45-876	Single	4	6	17
H965458570	45-857	Single	5	6	15.5
H965458710	45-871	Dual	5	7	17.5/17.5
H965458670	45-867	Dual	6	7	16.5/16.5
H965459630	45-963	Triple	6	7	16.5/19/19

Kit Includes: Catheter, Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needles with Echogenic Tip (21 Ga x 2.75"), 70 cm Hydrophilic-Coated Guidewire, Safety Scalpel, 10 cm Sheath/Dilator, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), and Catheter Securement Device

IR KITS WITH 145 CM WIRE

H965458770	45-877	Single	4	6	17
H965458580	45-858	Single	5	6	15.5
H965458720	45-872	Dual	5	7	17.5/17.5
H965458680	45-868	Dual	6	7	16.5/16.5
H965459640	45-964	Triple	6	7	16.5/19/19

Kit Includes: Catheter, Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needles with Echogenic Tip (21 Ga x 2.75"), 145 cm Hydrophilic-Coated Guidewire, Safety Scalpel, 10 cm Sheath/Dilator, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), and Catheter Securement Device

INTERMEDIATE MST KITS WITH 45 CM WIRE

H965458730	45-873	Dual	5	7	17.5/17.5
H965458690	45-869	Dual	6	7	16.5/16.5

Kit Includes: Catheter, Stiffening Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, Face Mask, Two Tourniquets, Two 92 cm Tape Measures, Scissors, Absorbent Poly-Lined Patient Drape, (24" x 36") Absorbent Poly-Lined Fenestrated Drape, (24" x 38"), 3 mL Chloraprep[®] Applicator, 3 mL Luer Lock Syringe, Safety Hypodermic Needle, (25 Ga x 0.625") Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") 45 cm Guidewire with Double Floppy Tip, Safety Scalpel, 7 cm Sheath/Dilator Non-Serated Forceps, Five (2" x 2") Gauze Pads, Five (4" x 4") Gauze Pads, 10 mL Luer Lock Syringe(s), Saline Ampule(s), Safety Ampule Cracker(s), 5 µm Filter Straw, Saline Label(s), Skin Protectant Swabstick, Catheter Securement Device, Transparent Dressing, and CSR Wrap

Some products or part numbers may not be available in all markets. Contact your local Spectrum Vascular sales representative or Customer Service for details.

BioFlo PICCs • Ordering Guide + Kit Components

BIOFLO POWER INJECTABLE PICC – NON-VALVED (CONTINUED)

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
INTERMEDIATE MST KITS WITH 45 CM WIRE AND LIDOCAINE					
H965459580	45-958	Single	3	4	20
H965459660	45-966	Triple	6	7	16.5/19/19

Kit Includes: Same as Intermediate MST Kits with 45 cm Wire (H965458730 / 45-873), with Lidocaine Ampule

NITINOL GUIDEWIRE

MST KITS WITH 70 CM WIRE

H965459590	45-959	Single	3	4	20
H965458800	45-880	Single	4	6	17
H965458960	45-896	Single	5	6	15.5
H965458950	45-895	Dual	5	7	17.5/17.5
H965459680	45-968	Triple	6	7	16.5/19/19

Kit Includes: Catheter, Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needles with Echogenic Tip (21 Ga x 2.75"), 70 cm Nitinol Guidewire, Safety Scalpel, 10 cm Sheath/Dilator, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), and Catheter Securement Device

IR KITS WITH 145 CM WIRE

H965458850	45-885	Single	4	6	17
H965458860	45-886	Single	5	6	15.5
H965458870	45-887	Dual	5	7	17.5/17.5
H965458880	45-888	Dual	6	7	16.5/16.5
H965459670	45-967	Triple	6	7	16.5/19/19

Kit Includes: Catheter, Wire Guide/Flush Assembly, PTFE Coated Stiffening Wire, Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75"), Standard Introducer Needles with Echogenic Tip (21 Ga x 2.75"), 145 cm Nitinol Guidewire with Floppy Platinum Tip, Safety Scalpel, 10 cm Sheath/Dilator, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), and Catheter Securement Device

Some products or part numbers may not be available in all markets. Contact your local Spectrum Vascular sales representative or Customer Service for details.

BioFlo PICCs • Ordering Guide + Kit Components

MAXIMAL BARRIER NURSING KIT

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MAXIMAL BARRIER NURSING KITS PG					
H965750231	75-023	Single	3	4	20
H965750121	75-012	Single	4	6	17
H965750131	75-013	Single	5	6	15.5
H965750141	75-014	Dual	5	7	17.5/17.5
H965750151	75-015	Dual	6	7	16.5/16.5
H965750241	75-024	Triple	6	7	16.5/19/19

Kit Includes: BioFlo PICC, Gown (XL), Saline – Pre-filled 10 mL Syringes, Transducer Probe Cover Set, Drape Full Body (70" x 100") Drape Fenestrated, Drape Underarm, Port Protector, Tuohy Borst with Side Port, Stiffening Stylet, Gauze Pads 4" x 4," Introducer Safety Needle (21 Ga x 2.75"), Introducer Needle (21 Ga x 1.57" or 2.75") – Super Sharp, (3F Single only), Sharps Container, Guidewire .018 x 45 cm Nitinol, Safety Scalpel – #11, Sheath/Dilator Introducer, Chloraprep Clear 3 mL, Chloraprep Tinted Orange 3 mL, Skin Protectant Swabstick, Statlock* Stabilization Device, Dressing – Transparent, Towel – Absorbent (14" x 25") Tourniquet, Surgical Tape, CSR Wrap, Mask with Earloops, Hair Net – Bouffant, Gloves – Surgical, Ampule Breaker Safety, Lidocaine HCL 1%, 5 mL Ampule, Label: Lidocaine, Syringe 5 mL, Filter Straw, Needle . (25 Ga x 0.625") Tape Measure, Scissors, Patient Checklist, Stop Sign

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE

H965750315	75-031	Single	4	6	17
H965750325	75-032	Single	5	6	15.5
H965750335	75-033	Dual	5	7	17.5/17.5
H965750345	75-034	Dual	6	7	16.5/16.5
H965750355	75-035	Triple	6	7	16.5/19/19

Kit Includes: All components in Maximal Barrier Kits (H65750231) and additional nitinol wire to replace stiffening stylet

MAXIMAL BARRIER NURSING KITS WITH DUAL FENESTRATED DRAPE

H965750541	75-054	Single	3	4	20
H965750671	75-067	Single	4	6	17
H965750441	75-044	Single	5	6	15.5
H965750451	75-045	Dual	5	7	17.5/17.5
H965750461	75-046	Dual	6	7	16.5/16.5
H965750551	75-055	Triple	6	7	16.5/19/19

Kit Includes: BioFlo PICC, Gown (XL), Saline -- Pre-filled 10 mL Syringes, Transducer Probe Cover Set, Dual Fenestrated Drape (73" x 114") Drape Underarm, Port Protector, Tuohy Borst with Side Port, Stiffening Stylet, Gauze Pads 4" x 4," Introducer Safety Needle (21 Ga x 2.75"), Introducer Needle (21 Ga x 1.57" or 2.75") -- Super Sharp, (3F Single only), Sharps Container, Guidewire .018 x 45 cm Nitinol, Safety Scalpel -- #11, Sheath/Dilator Introducer, Chloraprep Clear 3 mL, Chloraprep Tinted Orange 3 mL, Skin Protectant Swabstick, Statlock* Stabilization Device, Dressing -- Transparent, Towel -- Absorbent (14 in x 25 in), Tourniquet, Surgical Tape, CSR Wrap, Mask with Earloops, Hair Net -- Bouffant, Gloves -- Surgical, Ampule Breaker Safety, Lidocaine HCL 1%, 5 mL Ampule, Label: Lidocaine, Syringe 5 mL, Filter Straw, Needle (25 Ga x 0.625") Tape Measure, Scissors, Patient Checklist, Stop Sign

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE AND DUAL FENESTRATED DRAPE

H965750561	75-056	Single	4	6	17
H965750571	75-057	Single	5	6	15.5
H965750581	75-058	Dual	5	7	17.5/17.5
H965750591	75-059	Dual	6	7	16.5/16.5
H965750601	75-060	Triple	6	7	16.5/16.5

Kit Includes: All components in Maximal Barrier Kits with Dual Fenestrated Drape (H65750541) and additional nitinol wire to replace stiffening stylet

BioFlo PICCs • Ordering Guide + Kit Components

BIOFLO POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY

STAINLESS STEEL GUIDEWIRE

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
CATHETER KITS					
H965458010	45-801	Single	3	4	20
H965458110	45-811	Single	4	6	17
H965458310	45-831	Dual	5	7	17.5/17.5
H965458410	45-841	Triple	6	7	16.5/19/19

Kit Includes: Catheter, 92 cm Tape Measure, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, StatLock Catheter Stabilization Device, and End Cap(s)

INTERMEDIATE MST KITS WITH 45 CM WIRE

H965458040	45-804	Single	3	4	20
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Kit Includes: Catheter, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, Face Mask, Two Tourniquets, Two 92 cm Tape Measures, Scissors, Absorbent Poly-Lined Patient Drape (24" x 36"), Absorbent Fenestrated Drape (24" x 38"), 3 mL Chloraprep Applicator, 3 mL Luer Lock Syringe, Safety Hypodermic Needle, (25 Ga x 0.625") Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 45 cm Guidewire with Double Floppy Tip, Safety Scalpel, 7 cm Peelable Sheath/Dilator, Non-Serrated Forceps, Five (2" x 2") Gauze Pads, Five (4" x 4") Gauze Pads, 10 mL Luer Lock Syringe(s), Saline Ampule(s), Safety Ampule Cracker(s), 5 µm Filter Straw(s), Saline Label(s), Skin Protectant Swabstick, StatLock Catheter Stabilization Device, Transparent Dressing, and CSR Wrap

INTERMEDIATE MST KITS WITH 45 CM WIRE AND LIDOCAINE

H965458050	45-805	Single	3	4	20
H965458150	45-815	Single	4	6	17
H965458350	45-835	Dual	5	7	17.5/17.5
H965458450	45-845	Triple	6	7	16.5/19/19

Kit Includes: Same as Intermediate MST Kits with 45 cm Wire (H965458040 / 45-804), with Lidocaine Ampule

MST KITS WITH 70 CM WIRE

H965458020	45-802	Single	3	4	20
H965458120	45-812	Single	4	6	17
H965458170	45-817	Single	5	6	15.5
H965458320	45-832	Dual	5	7	17.5/17.5
H965458370	45-837	Dual	6	7	16.5/16.5
H965458420	45-842	Triple	6	7	16.5/19/19

Kit Includes: Catheter, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), 21 Ga. x 7 cm (2.75") Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75"), Standard Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 70 cm Hydrophilic-Coated Guidewire, Safety Scalpel, 10 cm Peelable Sheath/Dilator, and StatLock Catheter Securement Device

IR KITS WITH 145 CM WIRE

H965458130	45-813	Single	4	6	17
H965458180	45-818	Single	5	6	15.5
H965458330	45-833	Dual	5	7	17.5/17.5
H965458380	45-838	Dual	6	7	16.5/16.5
H965458430	45-843	Triple	6	7	16.5/19/19

Kit Includes: Catheter, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 145 cm Hydrophilic-Coated Guidewire, Safety Scalpel, 10 cm Peelable Sheath/Dilator, and StatLock Catheter Securement Device

BioFlo PICCs • Ordering Guide + Kit Components

BIOFLO POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY (CONTINUED)

NITINOL GUIDEWIRE

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MST KITS WITH 70 CM WIRE					
H965458940	45-894	Single	3	4	20
H965458910	45-891	Single	4	6	17
H965458920	45-892	Single	5	6	15.5
H965458890	45-889	Dual	5	7	17.5/17.5
H965458900	45-890	Dual	6	7	16.5/16.5
H965458930	45-893	Triple	6	7	16.5/19/19

Kit Includes: Catheter, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75"), Standard Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 70 cm Nitinol Guidewire, Safety Scalpel, 10 cm Peelable Sheath/Dilator, and StatLock Catheter Securement Device

IR KITS WITH 145 CM WIRE

H965458810	45-881	Single	4	6	17
H965458820	45-882	Single	5	6	15.5
H965458830	45-883	Dual	5	7	17.5/17.5
H965458840	45-884	Triple	6	7	16.5/19/19

Kit Includes: Catheter, PTFE Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 145 cm Nitinol Guidewire, Safety Scalpel, 10 cm Peelable Sheath/Dilator, and StatLock Catheter Securement Device

HYBRID PICC KITS

CATHETER KIT

H965459410	45-941	Hybrid Triple	6	7	16.5/19/19
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Kit Includes: Catheter, 92 cm Tape Measure, Hydrophilic-Coated Stiffening Wire Guide/Flush Assembly, and Statlock Catheter Stabilization Device

MST KIT WITH 70 CM WIRE

H965459420	45-942	Hybrid Triple	6	7	16.5/19/19
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Kit Includes: Catheter, Hydrophilic-Coated Stiffening Wire, Stiffening Wire Guide/Flush Assembly, 92 cm Tape Measure, 10 mL Luer Lock Syringe(s), Safety Introducer Needle with Echogenic Tip (21 Ga x 2.75") Standard Introducer Needle with Echogenic Tip (21 Ga x 2.75"), 70 cm Nitinol Guidewire with Floppy Radiopaque Tip, Safety Scalpel, 10 cm Peelable Sheath/Dilator, and Statlock Catheter Securement Device

MST KIT WITH 70 CM NITINOL WIRE

H965458970	45-897	Hybrid Triple	6	7	16.5/19/19
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Kit Includes: Same kit components as MST Kit with 70 cm wire (H95459420)

IR KIT WITH 145 CM WIRE

H965459430	45-943	Hybrid Triple	6	7	16.5/19/19
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Kit Includes: Same kit components as MST Kit with 70 cm wire (H95459420), with 145 cm wire

BioFlo PICCs • Ordering Guide + Kit Components

BIOFLO POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY (CONTINUED)

MAXIMAL BARRIER NURSING KIT

UPN	Order Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MAXIMAL BARRIER NURSING KITS PG					
H965750161	75-016	Single	3	4	20
H965750171	75-017	Single	4	6	17
H965750181	75-018	Single	5	6	15.5
H965750191	75-019	Dual	5	7	17.5/17.5
H965750211	75-021	Triple	6	7	16.5/19/19
H965750221	75-022	Hybrid Triple	6	7	16.5/19/19

Kit Includes: BioFlo PICC, Gown (XL), Saline – Pre-filled 10 mL Syringes, Transducer Probe Cover Set, Drape Full Body (70" x 100), Drape Fenestrated, Drape Underarm, Port Protector, Tuohy Borst with Side Port, Stiffening Stylet, Gauze Pads 4" x 4," Introducer Safety Needle (21 Ga x 2.75"), Introducer Needle (21 Ga x 1.57" or 2.75") – Super Sharp, (3F Single only), Sharps Container, Guidewire .018 x 45 cm Nitinol, Safety Scalpel – #11, Sheath/Dilator Introducer, Chloraprep Clear 3 mL, Chloraprep Tinted Orange 3 mL, Skin Protectant Swabstick, Statlock Stabilization Device, Dressing – Transparent, Towel – Absorbent (14 in x 25 in), Tourniquet, Surgical Tape, CSR Wrap, Mask with Earloops, Hair Net – Bouffant, Gloves – Surgical, Ampule Breaker Safety, Lidocaine HCL 1%, 5 mL Ampule, Label: Lidocaine, Syringe 5 mL, Filter Straw, Needle (25 Ga x 0.625"), Tape Measure, Scissors, Patient Checklist, Stop Sign

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE

H965750365	75-036	Single	4	6	17
H965750375	75-037	Single	5	6	15.5
H965750385	75-038	Dual	5	7	17.5/17.5
H965750415	75-041	Triple	6	7	16.5/19/19
H965750425	75-042	Hybrid Triple	6	7	16.5/19/19

Kit Includes: All components in Maximal Barrier Kits H965750161 and additional nitinol wire to replace stiffening stylet

MAXIMAL BARRIER NURSING KITS WITH DUAL FENESTRATED DRAPE

H965750471	75-047	Single	3	4	20
H965750481	75-048	Single	4	6	17
H965750491	75-049	Single	5	6	15.5
H965750501	75-050	Dual	5	7	17.5/17.5
H965750511	75-051	Dual	6	7	16.5/16.5
H965750521	75-052	Triple	6	7	16.5/19/19
H965750531	75-053	Hybrid Triple	6	7	16.5/19/19

Kit Includes: BioFlo PICC, Gown (XL), Saline -- Pre-filled 10 mL Syringes, Transducer Probe Cover Set, Dual Fenestrated Drape (73" x 114") Drape Underarm, Port Protector, Tuohy Borst with Side Port, Stiffening Stylet, Gauze Pads 4" x 4," Introducer Safety Needle (21 Ga x 2.75"), Introducer Needle (21 Ga x 1.57" or 2.75") -- Super Sharp, (3F Single only), Sharps Container, Guidewire .018 x 45 cm Nitinol, Safety Scalpel -- #11, Sheath/Dilator Introducer, Chloraprep Clear 3 mL, Chloraprep Tinted Orange 3 mL, Skin Protectant Swabstick, Statlock* Stabilization Device, Dressing -- Transparent, Towel -- Absorbent (14 in x 25 in), Tourniquet, Surgical Tape, CSR Wrap, Mask with Earloops, Hair Net -- Bouffant, Gloves -- Surgical, Ampule Breaker Safety, Lidocaine HCL 1%, 5 mL Ampule, Label: Lidocaine, Syringe 5 mL, Filter Straw, Needle (25 Ga x 0.625"), Tape Measure, Scissors, Patient Checklist, Stop Sign

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE AND DUAL FENESTRATED DRAPE

H965750611	75-061	Single	4	6	17
H965750621	75-062	Single	5	6	15.5
H965750631	75-063	Dual	5	7	17.5/17.5
H965750641	75-064	Dual	6	7	16.5/16.5
H965750651	75-065	Triple	6	7	16.5/19/19
H965750661	75-066	Hybrid Triple	6	7	16.5/19/19

Kit Includes: All components in Maximal Barrier Kits with Dual Fenestrated Drape (H65750471) and additional nitinol wire to replace stiffening stylet