

Angiographic Accessory Products

DEROYAL PRODUCTS FOR CARDIOLOGY AND ANGIOGRAPHY

Whether it's an innovative manifold or a custom convenience kit, DeRoyal can provide the precision Angio products your facility needs. We are committed to exceeding your expectations for quality and service with the support of DeRoyal Representatives nation-wide. We're proud to serve such a dedicated group of professionals and hope we can assist you in the daily care of your patients.

TABLE OF CONTENTS

PROCEDURE PACKS	PAGE	TRANSDUCERS	PAGE
Angio Procedure Packs	3	Disposable Transducers	14
STOPCOCKS		Reusable Transducers	15
Stopcocks	4	Thermodilution Catheter	16
MANIFOLDS		SHARPS PROTECTION	
Standard Manifold Kits	5	Safety Scalpels	17
Low Pressure Manifolds (250 psi)	6	Safety Guidewire Introducer Needle	17
Medium Pressure Manifolds (550 psi)	6	SharpStop	18
High Pressure Manifolds (800 psi)	7	Slmplicity Sharps System	19
PRESSURE MONITORING		WASTE COLLECTION	
Pressure Monitoring Lines	7	Waste Collection Stations	20
HP INJECTOR LINES		SplashStop	20
Non-Braided (1000 psi)	8	SYRINGES	
Braided (1200 psi)	9	Power Injector Syringes	21
Standard Arteriogram Kits	9	Control Syringes	22
ANGIOPLASTY ACCESSORIES		Colored Piston Syringes	22
Hemostatic Y-Adapters	10	ANGIO ESSENTIALS	
Inflation Devices	11	Guidewires	23
CONTRAST ADMINISTRATION		Angiography Percutaneous	
Contrast Saver Sets	12	Guidewire Introducer Needles	23
Contrast Administration Sets	12	Safety Guidewire Introducer Needle	23
CT Transfer Set w/Swabable Valve	12	Equipment Covers	24
Low Pressure Coiled Tubing Sets	13	Guidewire Bowl	24
FLUID ADMINISTRATION		Rotating Adapters	24
Fluid Administration Sets	13	Labels	25
Decanter	13	Markers	25
		mBrace Wrist Support	26
		Flexible IV Arm Board	27

Getting to the Heart of Quality

PROCEDURE PACKS



DeRoyal Angiographic Procedure Packs are designed to enhance your angiography lab's efficiency by meeting your specifications in one complete sterile package. By using a Procedure Pack you can:

- Reduce set up times and increase the number of procedures you perform daily
- Reduce total procedure cost
- Reduce waste in packaging
- Save valuable space

Any other items needed for your cardiology or radiology procedure are readily available by asking your DeRoyal Representative. Procedure Pack contents can include:

- Drapes
- Gowns
- Manifold Kits
- Syringes
- Needles
- Scalpels
- Gauze
- Towels
- Bowls

Angiographic Accessory Products

STOPCOCKS



High and Low Pressure Stopcocks*

- Available in both high and low pressure capacity
- Large inner lumens
- Smooth rotation
- All items packed sterile
- Latex free

Product No.	Description	Quantity
High Pressure		
77-310135	"OFF" w/Rotating Adapter, 3-Way	25/Cs
77-310134	"OFF" w/Male Collar, 3-Way	25/Cs
77-310132	"ON" w/Rotating Adapter, 3-Way	25/Cs
77-400072	"ON" w/Rotating Adapter, 1-Way	25/Cs
77-530653	"ON" w/Male Collar, 1-Way	25/Cs
77-8837	Flow Switch	50/Cs

Low Pressure		
77-300134	"OFF" w/Male Collar, 3-Way	25/Cs
77-400176	"ON" w/Male Collar, 1-Way	25/Cs

* Patent # 5,527,299.



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MANIFOLDS



Standard Manifold Kits

- All standard manifold kits contain one each of the following attached to the low pressure manifold types listed below:
72" Vented Contrast Media Set; 72" Universal Macro Drip Set; 60" Male to Female Pressure Monitoring Line
- DeRoyal can also provide you with a custom manifold kit that contains the specific products you require
- All items packed sterile
- Latex free

Basic Kits

Product No.	Description	Quantity
77-300509	"OFF" Left-Handed 3 Port	10/Cs
77-300521	"OFF" Right-Handed 3 Port	10/Cs
77-300510	"ON" Left-Handed 3 Port	10/Cs
77-300522	"ON" Right-Handed 3 Port	10/Cs

Advanced Kits

Product No.	Description	Quantity
77-400451	"ON" Right-Handed, 3 Port w/12 cc Control Syringe w/RA	25/Cs
77-400452	"ON" Right-Handed, 3 Port w/Biosensor Transducer, 48" F-RA HP Injection Line, 12cc Syringe RA	25/Cs
77-400454	"ON" Right-Handed, 3 Port w/Edwards Transducer, 48" F-RA HP Injection Line, 12cc Syringe RA	25/Cs
77-400453	"OFF" Right-Handed, 3 Port w/12 cc Control Syringe w/RA	25/Cs
77-400456	"OFF" Right-Handed, 3 Port w/Edwards Transducer, 48" F-RA HP Injection Line, 12cc Syringe RA	25/Cs
77-400450	"OFF" Right-Handed, 3 Port w/Biosensor Transducer, 48" F-RA HP Injection Line, 12cc Syringe RA	25/Cs

Angiographic Accessory Products

MANIFOLDS

Low Pressure Manifolds 250 PSI*

- For low pressure injections
- Smooth-turning handles
- Very large internal manifold lumen (2.3mm diameter) for high flow rates
- Pressure rating based on DeRoyal's sterilization cycle
- All items packed sterile
- Latex free



* Patent # 5,527,299.

Product No.	Description	Quantity
77-300002	"OFF" Right-Handed Rotator 2 Port	25/Cs
77-300003	"OFF" Left-Handed Rotator 2 Port	25/Cs
77-300008	"OFF" Right-Handed Rotator 3 Port	25/Cs
77-300009	"OFF" Left-Handed Rotator 3 Port	25/Cs
77-300114	"OFF" Right-Handed Rotator 4 Port	25/Cs
77-300199	"OFF" All Female Ports, 360°	25/Cs
77-300000	"ON" Right-Handed Rotator 2 Port	25/Cs
77-300001	"ON" Left-Handed Rotator 2 Port	25/Cs
77-300006	"ON" Right-Handed Rotator 3 Port	25/Cs
77-300007	"ON" Left-Handed Rotator 3 Port	25/Cs
77-300112	"ON" Right-Handed Rotator 4 Port	25/Cs
77-300198	"ON" All Female Ports, 360°	25/Cs

Medium Pressure Manifolds 550 PSI*

- Very large internal manifold lumen (2.3mm diameter) for high flow rates
- Pressure rating based on DeRoyal's sterilization cycle
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400593	"OFF" Right-Handed Rotator 2 Port	25/Cs
77-400591	"OFF" Right-Handed Rotator 3 Port	25/Cs
77-400596	"OFF" Right-Handed Rotator 4 Port	25/Cs
77-400594	"ON" Right-Handed Rotator 2 Port	25/Cs
77-400592	"ON" Right-Handed Rotator 3 Port	25/Cs
77-400595	"ON" Right-Handed Rotator 4 Port	25/Cs

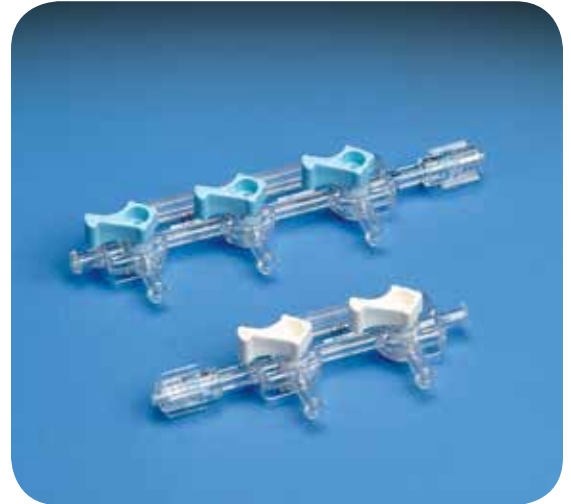
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MANIFOLDS

High Pressure Manifolds 800 PSI*

- Continuous large internal diameter (2.3 mm diameter)
- Ideal for special procedures requiring small catheters and power injection
- Pressure rating based on DeRoyal's sterilization cycle
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-310102	"OFF" Right-Handed Rotator 2 Port	25/Cs
77-310103	"OFF" Left-Handed Rotator 2 Port	25/Cs
77-310108	"OFF" Right-Handed Rotator 3 Port	25/Cs
77-310109	"OFF" Left-Handed Rotator 3 Port	25/Cs
77-310100	"ON" Right-Handed Rotator 2 Port	25/Cs
77-310101	"ON" Left-Handed Rotator 2 Port	25/Cs
77-310106	"ON" Right-Handed Rotator 3 Port	25/Cs
77-310107	"ON" Left-Handed Rotator 3 Port	25/Cs



* Patent # 5,527,299.

PRESSURE MONITORING

Pressure Monitoring Lines

- Clear, high durometer for accurate measurements
- Facilitates optimum dynamic response
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-301701	6" Male to Female	50/Cs
77-301700	6" Male to Male	50/Cs
77-301703	12" Male to Female	50/Cs
77-301702	12" Male to Male	50/Cs
77-301705	24" Male to Female	50/Cs
77-301704	24" Male to Male	50/Cs
77-301707	36" Male to Female	50/Cs
77-301706	36" Male to Male	50/Cs
77-301709	48" Male to Female	50/Cs
77-301708	48" Male to Male	50/Cs
77-301711	60" Male to Female	50/Cs
77-301710	60" Male to Male	50/Cs
77-301713	72" Male to Female	50/Cs
77-301712	72" Male to Male	50/Cs
77-301715	84" Male to Female	50/Cs
77-301714	84" Male to Male	50/Cs
77-301717	96" Male to Female	50/Cs
77-301716	96" Male to Male	50/Cs



Angiographic Accessory Products

HIGH PRESSURE INJECTION LINES

Non-Braided HP Injector Lines 1000 PSI

- Ideal for all power injector applications
- Offered in a variety of lengths
- Available with or without high pressure rotating adapter
- Pressure rating based on DeRoyal's sterilization cycle
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-301600	10" Female to Male Luer Lock	25/Cs
77-301604	10" Female Luer Lock to Male Rotator	25/Cs
77-301601	20" Female to Male Luer Lock	25/Cs
77-301605	20" Female Luer Lock to Male Rotator	25/Cs
77-301602	30" Female to Male Luer Lock	25/Cs
77-301606	30" Female Luer Lock to Male Rotator	25/Cs
77-400169	48" Female to Male Luer Lock	25/Cs
77-400407	48" Female Luer Lock to Male Rotator	25/Cs
77-400206	48" Male to Male Luer Lock	10/Cs
77-400234	72" Female to Male Luer Lock	25/Cs
77-400235	72" Female Luer Lock to Male Rotator	25/Cs



Line Specifications For HP Lines, Non-Braided

- Hydrodynamic pressure
- High pressure lines will withstand one injection at 1000 PSI using the following settings:
 - Limiting Pressure – Up to 1200 PSI
 - Injector Volume – Up to 20 ml
 - Flow Rate – Up to 20 ml per second
 - Linear Rise – 0 seconds

Getting to the Heart of Quality

HIGH PRESSURE INJECTION LINES

Braided HP Injector Lines 1200 PSI

- Combines high pressure capacity with superior flexibility
- Available with or without high pressure rotating adapter
- Pressure rating based on DeRoyal's sterilization cycle
- New standard Arteriogram Kits add more value and convenience
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-530141	10" Female to Male Luer Lock	25/Cs
77-530148	10" Female Luer Lock to Male Rotator	25/Cs
77-530142	20" Female to Male Luer Lock	25/Cs
77-530149	20" Female Luer Lock to Male Rotator	25/Cs
77-530143	30" Female to Male Luer Lock	25/Cs
77-530150	30" Female Luer Lock to Male Rotator	25/Cs
77-530145	48" Female to Male Luer Lock	25/Cs
77-530152	48" Female Luer Lock to Male Rotator	25/Cs
77-400229	60" Female to Male Luer Lock	25/Cs
77-400213	60" Female Luer Lock to Male Rotator	25/Cs
77-400369	72" Female to Male Luer Lock	25/Cs
77-400370	72" Female Luer Lock to Male Rotator	25/Cs

Standard Arteriogram Kits

Product No.	Description	Quantity
77-400604	48" F-RA Braided w/3-Way H.P. Stopcock w/RA	25/Cs
77-400605	48" F-RA Braided w/Flow Switch	25/Cs
77-400603	72" F-RA Braided w/3-Way H.P. Stopcock w/RA	25/Cs
77-400606	72" F-RA Braided w/Flow Switch	25/Cs



Line Specifications For HP Lines, Braided

- Hydrodynamic pressure
- High pressure Lines will withstand up to three injections using the following hydrodynamic injection settings:

- 3.3.3.1 Using a 4 Fr, 5 Fr, or larger catheter (0.035" or 0.038" ID)
 - Limiting Pressure – Up to 1200 psi
 - Injector Volume – Up to 45 ml
 - Flow Rate – Up to 22 ml per second
 - Linear Rise – 0 seconds
- 3.3.3.2 Using a 6 Fr, or larger catheter (0.038" ID)
 - Limiting Pressure – Up to 1200 psi
 - Injector Volume – Up to 100 ml
 - Flow Rate – Up to 35 ml per second
 - Linear Rise – 0 seconds

Angiographic Accessory Products

ANGIOPLASTY ACCESSORIES

Hemostatic Y-Adapters

- Accepts a 9 Fr catheter
- Smooth turning Tuohy-Borst valve with rotating adapter
- New Myshell Lite Y-adapter is push button activated
- Available as a PTCA Accessory Kit with a guidewire insertion tool
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400260	Hemostatic Y-Adapter - 9.5 French	25/Cs
77-400880	Hemostatic Y-Adapter - 9.0 French	25/Cs
77-400261	Hemostatic Tri-Adapter	25/Cs
77-400266	PTCA Accessory Kit (Contains: Y-Adapter & Metal Insertion Tool)	25/Cs
77-400262	PTCA Accessory Kit (Contains: Y-Adapter, Metal Insertion Tool & Torque Device)	25/Cs
77-400881	PTCA Accessory Kit (Contains: 9.0 French Y-Adapter, Metal Insertion Tool & Wide-Grip Torque Device)	25/Cs
77-400586	PTCA Accessory Kit w/S.C. (Contains: 77-400262 and 3-Way H.P. Stockcock)	25/Cs
77-400626	PTCA Accessory Kit (Contains: Y-Adapter, Metal Insertion Tool & Alligatork-Yellow)	25/Cs
77-400263	Guidewire Insertion Tool, Metal	25/Cs
77-400264	Torque Device for Wires .014" - .022"	25/Cs
77-400879	Wide-Grip Torque Device .014" - .022"	25/Cs
0203NA	Alligatork Torque Device .010" - .020" (Yellow)	48/Cs
77-400687	Alligatork Torque Device .010" - .020" (Yellow)	10/Cs
0203NC	Alligatork Torque Device .025" - .040" (Orange)	48/Cs
77-400688	Alligatork Torque Device .025" - .040" (Orange)	10/Cs
0210QA	Myshell Lite Y-Connector	25/Cs
77-400590	PTCA Accessory Kit w/Myshell Lite Y-Connector (Contains: Myshell Lite, Metal Insertion Tool & Torque Device)	25/Cs



ANGIOPLASTY ACCESSORIES



Elite™ Angioplasty Inflation Device

- Compact ergonomic design for optimal handling
- Suitable for right-and-left-handed users
- 30 ATM pressure glow gauge is reliable for all procedures
- Adjustable activation switch swivels 90° for side or top positioning and maximum comfort
- Clear 20 cc barrell is easy to fill and debubble
- Courser threading on handle for faster balloon inflation
- Latex free

Product No.	Description	Quantity
0218TK	Elite Inflation Device & 3-Way Stopcock	12/Cs
77-400843	Elite Inflation Device w/S.C. STD PTCA Kit	10/Cs
77-400842	Elite Inflation Device w/S.C. Alligatork PTCA Kit	10/Cs
77-400844	Elite Inflation Device w/S.C. Myshell Lite PTCA Kit	10/Cs

Angiographic Accessory Products

CONTRAST PRODUCTS

Contrast Saver Sets

- Minimizes contrast waste
- Maximizes potential savings
- Two-part system with or without floating disk/ball
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400033	Contrast Saver Burette Set w/Disk	10/Cs
77-400871	60" Contrast Saver Set (POD Chamber w/Ball)	25/Cs
77-420530	72" Contrast Management Device (Cone Chamber w/Ball)	25/Cs
77-400368	In-Line Contrast Saver Set w/o Burette	25/Cs
77-400278	Mini Spike w/Vented 3" Tube & Stopcock	10/Cs
77-400065	Economy Mini Spike w/Stopcock	10/Cs
77-300733	Vented Universal Dust Caps	25/Cs
77-400208	Non-Vented Universal Dust Caps	25/Cs



Contrast Administration Sets

- Allows smooth bubble-free priming of closed system
- Available in standard I.V. and large bore tubing
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-530042	72" Large Bore Vented Tubing	25/Cs
77-530006	72" Standard Bore Vented Tubing	25/Cs
77-530003	72" Vented Bifurcated Standard Bore	25/Cs
77-530002	72" Vented Pressurized Spike	25/Cs



CT Transfer Set w/Swabbable Valve

- Valve is opened only when a syringe tip is inserted
- Large wings provide added grip with attaching to syringe
- Latex free

Product No.	Description	Quantity
77-3200	20" Fluid Transfer Set LL w/Wings	100/Cs
77-3208	20" Fluid Transfer Set LL w/Ball Valve on Spike	100/Cs
77-3041	6" Fluid Transfer Set w/o Swabbable Valve	100/Cs



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CONTRAST PRODUCTS

Low Pressure Coiled Tubing Sets

- Single and Y-Split versions available
- Ideal for CT and MRI procedures
- Latex free

Product No.	Description	Quantity
77-400160	60" Coiled Low Pressure Tubing	50/Cs
C405-2601	60" Coiled Y-Set w/Single Check Valve	100/Cs
C405-1559	60" Straight Y-Set w/Single Check Valve	100/Cs



FLUID ADMINISTRATION

Fluid Administration Sets

- Allows smooth, bubble-free priming of closed system
- Available vented and non-vented
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-530000	72" Vented Standard Tubing w/Macro Drip Chamber	25/Cs
77-530001	72" Non-Vented Standard Tubing w/Macro Drip Chamber	25/Cs
77-301042	Standard Non-Vented Tubing w/.15 Micron Filter & Macro Drip Chamber	25/Cs
77-530045	72" Vented Fluid Administration Line w/Dual Check Value	25/Cs
77-530007	72" Non-Vented Bifurcated w/Macro Drip Chamber	25/Cs
77-400834	108" Universal Admin Set w/Macro Drip Chamber	25/Cs
77-400837	72" Red Stripe Non-Vented w/Macro Drip Chamber	25/Cs
77-400836	72" Blue Stripe Non-Vented w/Macro Drip Chamber	25/Cs
77-400835	72" Green Stripe Non-Vented w/Macro Drip Chamber	25/Cs
77-400838	72" Yellow Stripe Non-Vented w/Macro Drip Chamber	25/Cs



Fluid Transfer Decanter

- Ideal for bags of saline
- Latex free

Product No.	Description	Quantity
77-400274	Decanter	50/Cs



Angiographic Accessory Products

TRANSDUCERS

Disposable Pressure Transducers

- Available with or without stopcocks attached
- Free interface cables available to fit most pressure monitors and amplifiers – ask sales representative to provide these cables
- Latex free unless otherwise noted
- All items packed sterile unless otherwise noted



Edwards Lifesciences™ or Biosensor Accutrans or ICU Medical Disposable Transducer

- Available with built-in 3 cc flush device
- Straight fluid path for easy debubbling
- Conforms to the most popular hospital-wide transducer for easy transfer with patient

Product No.			Description	Quantity
Edwards Lifesciences™	ICU Medical Phone Jack	Biosensor Accutrans		
77-400371	77-400912	77-400886	Transducer w/12" Pigtail Cable—Version 1	25/Cs
77-400372	77-400913	NA	Transducer w/48" Pigtail Cable—Version 2	25/Cs
77-400373	77-400911	NA	Version 1 w/1-Way Stopcock on Top	25/Cs
77-400374	77-400910	77-400888	Version 1 w/3-Way Stopcock on Top & 1-Way on Bottom	25/Cs
77-400375	77-400909	NA	Version 1 w/1-Way Stopcock on Top & 3-Way on Bottom	25/Cs
77-400376	77-400908	77-400887	Version 1 w/Two 3-Way Stopcocks	25/Cs
77-400377	77-400907	77-400889	Version 1 w/3-Way Stopcock on Top & 3 cc/Hr Flush Device	25/Cs
77-400379	77-400905	NA	Version 2 w/1-Way Stopcock on Bottom	25/Cs
77-400380	77-400904	NA	Version 2 w/High Pressure 3-Way Stopcock on Top Side Mounted & 1-Way On Bottom (Standard Right Heart Kit)	25/Cs
77-400765	77-400906	NA	Single Arterial Line Kit w/60" Tubing	25/Cs

TRANSDUCERS

Reusable Pressure Transducers

- Available with or without stopcocks attached
- Free interface cables available to fit most pressure monitors and amplifiers – ask sales representative to provide these cables
- Latex free unless otherwise noted
- All items packed sterile unless otherwise noted



Biosensor Dome & Reusable Transducer

- Biosensor Reusable Transducer provided free of charge for maximum savings
- Straight fluid paths that are easy to debubble
- Disposable dome easy to attach and remove



Product No.	Description	Quantity
<i>Biosensor Dome</i>		
77-400383	Biosensor Dome	25/Cs
77-400384	Biosensor Dome w/1-Way Stopcock on Top	25/Cs
77-400385	Biosensor Dome w/3-Way Stopcock on Top & 1-Way on Bottom	25/Cs
77-400386	Biosensor Dome w/1-Way Stopcock on Top & 3-Way on Bottom	25/Cs
77-400387	Biosensor Dome w/Two 3-Way Stopcocks	25/Cs
77-400388	Biosensor Dome w/3-Way Stopcock on Top & 3 cc/Hr Flush Device	25/Cs

Angiographic Accessory Products

TRANSDUCERS

Thermodilution Catheters

- Available with safety wedge catheter that acts as a pressure relief valve to prevent over-pressurization of balloon
- Medication lumen permits blood sampling, fluid and drug administration and central venous pressure monitoring (7 Fr catheter only)
- Thermister connector compatible with commonly used cardiac output computers to monitor pulmonary artery blood temperature
- PA distal lumen allows mixed venous blood sampling and measurements of pulmonary artery/capillary wedge pressure
- Distal balloon provides excellent symmetry and tip coverage for safe flotation of catheter and pulmonary capillary wedge pressure measurements
- Injectate lumen carries cardiac output injectate solution to the right atrium, accommodates blood sampling, fluid and drug administration and attachment to pressure transducer for monitoring right atrial pressure
- Packaged sterile
- Contains latex unless noted otherwise



Product No.	Description	Quantity
DTD1504HX	Thermodilution Catheter, 5 FR, 4 Lumen, Heparin Coated, 110 cm	30/Cs
DTD1504HDX	Thermodilution Catheter, 5 FR, 4 Lumen, Safety Wedge, Heparin Coated	30/Cs
DTD1604HX	Thermodilution Catheter, 6 FR, 4 Lumen, Heparin Coated	30/Cs
DTD1604HDX	Thermodilution Catheter, 6 FR, 4 Lumen, Safety Wedge, Heparin Coated	30/Cs
DTD1704HX	Thermodilution Catheter, 7 FR, 4 Lumen, Heparin Coated	30/Cs
DTD1704HDX	Thermodilution Catheter, 7 FR, 4 Lumen, Safety Wedge, Heparin Coated	30/Cs
DTD1704HCX	Thermodilution Catheter, 7 FR, 4 Lumen S-Tip, Heparin Coated	30/Cs
DTD1755HDSX	Thermodilution Catheter, 7 FR, 5 Lumen, Soft Body, Safety Wedge, Heparin Coated	30/Cs
DTD1755HX	Thermodilution Catheter, 7.5FR, 5 Lumen, Heparin Coated	30/Cs
DTD1755HDX	Thermodilution Catheter, 7.5FR, 5 Lumen, Safety Wedge, Heparin Coated	30/Cs
DTD1755HDPX	Thermodilution Catheter, 7.5FR, 5 Lumen Safety Wedge w/.028 Pacing Port, Heparin Coated	30/Cs
DTD1502HX	P.A. Monitoring Catheter, 5 FR, 2 Lumen, Heparin Coated	30/Cs
DTD1602HX	P.A. Monitoring Catheter, 6FR, 2 Lumen, Heparin Coated	30/Cs
DTD1603HX	P.A. Monitoring Catheter, 6FR, 3 Lumen, Heparin Coated	30/Cs
DTD1702HX	P.A. Monitoring Catheter, 7FR, 2 Lumen, Heparin Coated Accepts 0.025" GW	30/Cs
DCL1702HX	P.A. Monitoring Catheter, 7 FR, 2 Lumen, Heparin Coated Accepts 0.035" GW	30/Cs
DTD1703HX	P.A. Monitoring Catheter, 7FR, 3 Lumen, Heparin Coated Accepts 0.025" GW	30/Cs

* Add "5" to any product number for 5/Case (Ex. DTD1704HX5)

Getting to the Heart of Quality

SHARPS PROTECTION

Retractable Safety Scalpels*

- Meets US FDA requirements for the use of sharps with engineered safety protection
- Easy to operate and now with permanent lock for final disposal
- A wide selection of blade sizes, with #11 for angiography use
- All items packed sterile
- Latex free

Product No.	Description	Quantity
D4510	#10 Safety Scalpel, Black Slider	50/Cs
D4511	#11 Safety Scalpel, Blue Slider	50/Cs
D4515	#15 Safety Scalpel, Green Slider	50/Cs

* Patent # 5,531,754, Patent # 6,254,621



Sharps Safety Guidewire Introducer Needle

- Assists clinicians in improving safety
- Innovative needle safety handle that advances from hub to cover needle point
- Sheath that covers needle shaft simultaneously advances as the handle is activated
- Provides protection from blood on shaft as well
- Promotes compliance with H.R. 5178, the Needlestick Safety & Prevention Act
- Meets OSHA BBP guidelines
- Latex free

Product No.	Description	Quantity
SPG-101-18-07	18 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs
SPG-101-19-07	19 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs
SPG-101-21-07	21 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs

*SPpro is a trademark of NeoMed.



Angiographic Accessory Products

SHARPS PROTECTION



SharpStop™ Needle Box

- Provides a place to safely park needles prior to terminal disposal
- Hinged cover allows sharps to be easily collected and safely contained for disposal in sharps container
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400113	10 Count SharpStop Needle Holder	50/Cs
77-400114	20 Count SharpStop Needle Box	50/Cs

* SharpStop is a trademark of DeRoyal.



Getting to the Heart of Quality

SHARPS PROTECTION



Simplicity™ Sharps System

- Unique patent pending design reduces the chance of accidental sticks associated when closing a traditional needle counter box
- Convenient thumb holder distances hand away from the sharps during transport to a sharps container
- Easy to read numbers and spaces to facilitate correct count of sharps
- Foam block aids in securing suture needles and performing accurate counts
- Supports hospitals in reducing their regulated medical waste
- Latex free



Product No.	Description	Quantity
25-0900	Simplicity	108/Cs
25-0900NS	Non-Sterile Simplicity	200/Cs
25-0901	Simplicity w/Foam	108/Cs
25-0901NS	Non-Sterile Simplicity w/Foam	200/Cs

Angiographic Accessory Products

WASTE COLLECTION

Waste Collection Stations

- Facilitates the safe collection of fluid waste
- Also allows the administration of saline and contrast solutions
- Minimizes contact with infectious blood and bodily fluids
- Leak resistant dual check valves make disposal clean and easy
- A wide variety of waste collection stations
- Latex free unless otherwise noted
- All items packed sterile

Product No.	Description	Quantity
77-300695	Waste Station w/Macro Drip Chamber, Dual Check Valve & Drape Clip	25/Cs
77-300692	Waste Station w/Vented Spike, Dual Check Valve & Drape Clip	25/Cs
77-300691	Waste Station w/Vented Spike, Dual Check Valve, Anti-Reflux & Drape Clip	25/Cs
77-400650	Waste Station w/Drip Chamber Plus Contrast Line	20/Cs
77-400215	Waste Station Plus w/Blue Stripe Contrast Line, Dual Check Valve & Drape Clip	20/Cs
77-300735	Waste Station Plus Blue Contrast Line & Drape Clip	20/Cs
77-400192	Waste Station Plus In-Line Contrast Saver (Use w/Mini Spike, Pg. 11)	10/Cs
77-300726	Abscess Evacuation Set	25/Cs
77-300752	Waste Bag w/60" Tubing & Male Luer Lock	25/Cs
77-300783	Waste Bag w/60" Tubing, In-Line Check Valve & Male Luer Lock	25/Cs



SplashStop™

- A safe alternative to messy, open basins
- Closed bowl minimizes staff and patient exposure to blood-borne pathogens
- A true engineering and work practice control
- Secure, non-splatter lid with tapered insertion site
- Safe, one-step biohazard warning label
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-301370	SplashStop Waste Collection Bowl	20/Cs
77-301371	SplashStop Waste Collection Bowl w/Solidifier	20/Cs

* SplashStop is a trademark of DeRoyal.



Getting to the Heart of Quality

SYRINGES



Power Injector Syringes

- CT Tri-Pack fits most injectors with free adapter
- Power Injector Syringes for most popular injectors
- Value priced
- All items packed sterile
- Latex free

Product No.	Description	Fits These Machines	Quantity
77-150193	150 ml CT Tri-Pack w/8" Fill Tube & 60" Coiled Line	Leibel-Flarsheim Angiomat® 6000, Illumena®**	50/Cs
77-301380	200 ml CT Tri-Pack w/8" Fill Tube & 60" Coiled Line (Turret Load)	Medrad MCT™, MCT Plus™, Medrad 200 Series	50/Cs
77-200590	200 ml CT Tri-Pack w/8" Fill Tube & 60" Coiled Line (Front Load)	Medrad MCT™*, MCT Plus™ Front Load*, EnVision CT™ Front Load*	50/Cs
77-400040	100 cc Power Injector Syringe w/J-Straw	Angiomat® CT9000* & CT9000 ADV*	10/Cs
77-400130	130 cc Power Injector Syringe	Leibel-Flarsheim Angiomat® 3000 Injectors	50/Cs
77-400230	130 cc Power Injector Syringe w/J-Straw	Leibel-Flarsheim Angiomat® 6000, Medrad Mark II™, II & IV, Medrad CT™ 100 Series	50/Cs
77-400277	150 cc Power Injector Syringe	Leibel-Flarsheim Angiomat® 6000, Medrad Mark II™, II & IV, Medrad CT™ 100 Series	50/Cs
77-400250	150 cc Power Injector Syringe w/J-Straw	Medrad Mark V™, Mark V Plus™, Provis®	50/Cs
77-150269	150 cc Power Injector Syringe w/J-Straw	Medrad Mark V™, Mark V Plus™, Provis®	50/Cs
77-400220	200 cc Power Injector syringe w/J-Straw	Leibel-Flarsheim Angiomat® 6000, Illumena®**	50/Cs
77-400041	8" Fill Straw	Medrad Mark V™, Mark V Plus™, Provis®	50/Cs
77-400160	60" Female to Male Low Pressure Coiled Line		50/Cs

* Adapter required and provided free of charge. ** Pressure jack required and provided free of charge.

*** Angiomat and Illumena are registered trademarks of Leibel-Flarsheim; MCT, MCT Plus, EnVision CT, Mark IV, Mark V, Mark V Plus, and Provis are trademarks of Medrad.

Angiographic Accessory Products

SYRINGES

Control Syringes

- Smooth operation
- Clear, glass-like polycarbonate for complete clarity
- New 8 ml and 10 ml narrow barrel syringes that are ideal for use with smaller catheters
- Available with .5 ml reservoir on plunger
- All items packed sterile
- Latex free

Narrow Barrel

Product No.	Description	Quantity
77-400391	8 ml Male Luer Lock Thumb Ring & Finger Rings	25/Cs
77-400392	8 ml Male Rotator Thumb Ring & Finger Rings	25/Cs
77-712391	10 ml Male Luer Lock Thumb Ring & Finger Rings	25/Cs

Standard Barrel

Product No.	Description	Quantity
77-300741	10 ml Male Luer Lock Thumb Ring & Finger Rings	25/Cs
77-300744	10 ml Male Rotator Thumb Ring & Finger Rings	25/Cs
77-300743	10 ml Male Luer Lock Palm Pad & Wings	25/Cs
77-300742	10 ml Male Rotator Palm Pad & Wings	25/Cs
77-301291	12 ml Male Luer Lock Thumb Ring & Finger Rings	25/Cs
77-301294	12 ml Male Rotator Thumb Ring & Finger Rings	25/Cs
77-301293	12 ml Male Luer Lock Palm Pad & Wings	25/Cs
77-301292	12 ml Male Rotator Palm Pad & Wings	25/Cs



Colored Piston Specialty Syringes

- Smooth operation
- Ideal for fluid recognition
- Add labels to customize as needed
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400100	10 cc Red Specialty Syringe	50/Cs
77-400101	10 cc Blue Specialty Syringe	50/Cs
77-400102	10 cc Yellow Specialty Syringe	50/Cs
77-400103	10 cc Green Specialty Syringe	50/Cs
77-400104	10 cc White Specialty Syringe	50/Cs
77-400105	20 cc Blue Specialty Syringe	50/Cs
77-400106	20 cc Green Specialty Syringe	50/Cs
77-400107	20 cc Red Specialty Syringe	50/Cs
77-400108	20 cc White Specialty Syringe	50/Cs
77-400109	20 cc Yellow Specialty Syringe	50/Cs



Getting to the Heart of Quality

ANGIOGRAPHY ESSENTIALS

Diagnostic Guidewires

- Straighten with finger pressure
- Produced by leading manufacturers for DeRoyal
- Packaged sterile in dispenser
- Latex free

Product No.	Description	Quantity
77-8546	J3 Fixed-Core 150 cm – .035 GID, PTFE, FS	25/Cs
77-400485	J3 Fixed-Core 150 cm – .038 GID, PTFE, FS	25/Cs



Angiography Percutaneous Guidewire Introducer Needles

- Sharp cannulas for low penetration force
- Latex free

Product No.	Description	Quantity
77-11606	18 Gauge 2¾" One Part w/o Wings	50/Cs
77-11078	18 Gauge 2¾" One Part w/Wings	50/Cs
77-400507	18 Gauge 4" Two Part w/Wings	25/Cs



Sharps Safety Guidewire Introducer Needle

- Assists clinicians in improving safety
- Innovative needle safety handle that advances from hub to cover needle point
- Sheath that covers needle shaft simultaneously advances as the handle is activated
- Provides protection from blood on shaft as well
- Promotes compliance with H.R. 5178, the Needlestick Safety and Prevention Act
- Meets OSHA BBP guidelines
- Latex free

Product No.	Description	Quantity
SPG-101-18-07	18 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs
SPG-101-19-07	19 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs
SPG-101-21-07	21 Gauge x 7 cm SPpro™ GWI Sharps Safety Needle	25/Cs

*SPpro is a trademark of NeoMed.



Angiographic Accessory Products

ANGIOGRAPHY ESSENTIALS

Angiographic Equipment Covers

- Clear polyethylene
- Ensures sterility and protects equipment during procedures
- Many sizes and styles available in addition to those listed*
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-100011	Round 14" Diameter	25/Cs
77-100012	Round 22" Diameter	25/Cs
77-100013	Round 27" Diameter	25/Cs
77-103030T	30" x 30" w/Tape	25/Cs
77-104030T	40" x 30" w/Tape	25/Cs
77-104060T	40" x 60" w/Tape	25/Cs

*Contact your DeRoyal representative with the dimensions you require.



Guidewire Bowl w/Lid

- Patented Design with built up lip and recessed bottom
- Designed to hold Guidewire in place and allow easy removal
- All items packed sterile
- Latex free

Product No.	Description	Quantity
32-1345	Guidewire Bowl w/Lid	25/Cs



Rotating Adapters

- Allows smooth operation for catheter adjustments to prevent torque build-up
- Made of high-quality polycarbonate
- All items packed sterile
- Latex free

Product No.	Description	Quantity
77-400258	Female to Male Rotating Adapter	25/Cs
77-400259	Male to Male Rotating Adapter	25/Cs



Getting to the Heart of Quality

ANGIOGRAPHY ESSENTIALS

Labels For Angiography & Cath Labs

- Meet 2006 Joint Commission (JCHAO) requirements for labeling:
 - All medications and solutions
 - On and off sterile field
 - When medication or solution is transferred from original packaging to another container
 - In all hospitals, critical access facilities, ambulatory care settings and office based-surgery
- Standard kits with 1/2" x 1 3/4" labels, color-coded or white
- Clear, bold printing in black letters
- Most commonly used angiography medications/solutions plus blank labels
- With or without utility markers
- Custom label kits available to fit individual procedures or facility requirements
- Latex free

Product No.	Description	Quantity
77-400563	Colored Label Kit* 1/2" x 1 3/4"	14/Pk, 100Pks/Cs
77-400564	Colored Label Kit* 1/2" x 1 3/4" w/Marker	14/Pk, 100Pks/Cs
77-400565	White Label Kit 1/2" x 1 3/4"	14/Pk, 100Pks/Cs
77-400566	White Label Kit 1/2" x 1 3/4" w/Marker	14/Pk, 100Pks/Cs

*Colored Label Kit contains: 4 Blue Saline, 2 Green Contrast, 2 Red Nitro, 2 Yellow Lidocaine, 2 White Heparin, 2 White Blank



Surgical Utility Markers

- Single use, utility markers
- For use on instruments, specimens, vials & tubes, basins, bowls, and other objects
- Non-smearing and fast-drying
- Fine-tip or wide-tip
- Available non-sterile or sterile for utilization in sterile field
- May be ordered separately or with kits
- Non-toxic, non-solvent, alcohol based, acid free
- Latex free

Product No.	Description	Quantity
26-016B	Surgical Utility Marker, Black, Fine Tip	50/Cs
26-016BNS	Surgical Utility Marker, Black, Non-Sterile	200/Cs
26-016BW	Surgical Utility Marker, Black, Wide Tip	50/Cs
26-016BWNS	Surgical Utility Marker, Black, Wide Tip, Non-Sterile	200/Cs
26-016BWL	Surgical Utility Marker, Black, Wide Tip, w/2 Labels 1"x3"	50/Cs



Angiographic Accessory Products

ANGIOGRAPHY ESSENTIALS



mBrace™ Wrist Support

- Flat front edge helps prevent rolling and provides a stable platform to support the wrist
- Soft fabric helps wick away moisture and provides comfort for the patient, especially for longer arterial line deployments
- Consistent 40° wrist extension angle from one patient to the next
- Foam pad can be used to easily adjust angle of extension and cushion IV lines on the dorsal surface of hand or wrist
- Straps adjust easily to accommodate virtually any size hand
- Compatible with radial compression devices for post-catheterization hemostasis and specially designed for use with the RadAR™ Vascular Compression Device
- Non-sterile
- Latex free

Product No.	Description	Quantity
140-0200-00	mBrace Wrist Support	30/Cs
140-0200-00S	mBrace Wrist Support, Sterile	30/Cs

* mBrace is a trademark of Semier Technologies, Inc.

ANGIOGRAPHY ESSENTIALS



Flexible I.V. Armboard

- Malleable board for custom positioning with soft, foam cover
- Adjustable foam straps eliminate the need for skin-irritating tape
- Straps attach to board to limit arm and hand movement during IV therapy
- Can be used for extending and stabilizing the wrist during vascular access procedures, including arterial line insertions and cardiac catheterizations using the radial artery or vein
- Helps prevent patients from flexing their wrist during extended deployments for arterial lines
- Latex free

Product No.	Description	Quantity
M8125-A	Adult Flexible Arm Board (9" long x 4" wide)	25/Cs
M8125-P	Preemie Flexible Arm Board (2" long x 1" wide)	30/Cs
M8125-I	Infant Flexible Arm Board (4" long x 1" wide)	30/Cs
M-8125-C	Child Flexible Arm Board (6" long x 2" wide)	30/Cs

Angiographic Accessory Products



For more information about the wide selection of DeRoyal Products for Cardiology and Angiography, call your DeRoyal Representative today.



Improving Care. Improving Business.

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