Today’s vascular and radiology labs care for patients with more diverse procedures than ever before. So more than ever, you need devices you can trust and that perform consistently. NAMIC® Fluid Management Products from Navilyst Medical are designed to meet the true challenges of your practice. Since 1969, NAMIC Products have been the most widely used in the industry. With features that answer clinical and operational needs, our products are designed to bring flexibility, quality and choice to your angiographic procedures.
Transmission of bloodborne pathogens is always a concern in the lab. Navilyst Medical provides Closed Fluid Systems to help your lab comply with OSHA guidelines and minimize exposure to bloodborne pathogens.

**Proven Protection. Best Practice Solution. Easy to Use.**

Transmission of bloodborne pathogens is always a concern in the lab. Navilyst Medical provides Closed Fluid Systems to help your lab comply with OSHA guidelines and minimize exposure to bloodborne pathogens.

**Angio-Sac® Collection System**

- 1,000 ml closed Angio-Sac Waste Bag
- Closed system to aspirate saline and to inject fluid waste
- Includes a 1,000 ml closed Angio-Sac Waste Bag

**Protection Station®**

- Aspiration: As syringe is drawn back, 1-way valve leading to saline opens, filling syringe, while the valve to the Angio-Sac Waste Bag closes

**Protection Station® Plus**

- All the features of the Protection Station, plus access to contrast with the turn of a stopcock handle
- All fluids are accessible from one port

**Protection Station Plus with Contrast Management**

- Two 1-way check valves designed to provide a microbial barrier to prevent cross-contamination of contrast source
- Ideal for labs doing 3-4 or more cases per day requiring contrast
- Allows one contrast source for multiple cases
- Reduces contrast waste and saves money

**How the NAMIC Protection Station Works**

- Dual back check valve allows access to saline and waste
- Available for pressurized and non-pressurized saline sources
- Conveniently attaches to manifold with adaptor

**Key Features**

- Dual back check valve allows access to saline and waste
- Available for pressurized and non-pressurized saline sources
- Conveniently attaches to manifold with adaptor

**Saline Bag**

- Aspiration: As syringe is drawn back, 1-way valve leading to saline opens, filling syringe, while the valve to the Angio-Sac Waste Bag closes

- Injection: 1-way valve leading into Angio-Sac Waste Bag opens, allowing the passage of bodily fluids while the valve to the saline closes

**Best Practice Solution**

The Occupational Safety and Health Administration (OSHA) estimates that 8,700 healthcare workers contract Hepatitis B Virus (HBV) on the job each year, with 200 deaths annually resulting from occupational exposure to this virus. OSHA guidelines indicate: “All procedures in involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, spattering and generation of droplets of these substances.”

In studies from England, splashing or spraying of blood occurred in 6.7% to 8.7% of angiographic procedures. Risk of blood contacts was greater for procedures lasting more than 30 minutes, as well as for procedures requiring more than two catheter exchanges and for thrombolysis and angioplasty.

Clearly, building protection into your system is the best way to prevent exposure.

NAMIC® Stopcocks


NAMIC Stopcocks are designed with the features that matter in your lab: easy-turning handles, a textured, non-slip surface, precision-engineered luer fittings, large lumens and a durable and clear polycarbonate body. They bring quality and reliability to your lab.

Ergonomic Handle Design
• Facilitates easy grip and valve rotation

Extensive Line
• Many options available

Wide Range of Pressure Ratings
• 200 (low), 400 (medium) and 1,050 (high) psi

NAMIC® Syringes

Proven. Tested. Trusted.

Navilyst Medical offers a broad line of syringes for radiology labs, delivering smooth aspiration, controlled injections and superior flow rates.

Navilyst Medical is injecting high-quality performance every day.

Choose from Polycarbonate and Polypropylene Designs

Radiology Control Syringes
Available with and without 0.5 ml reservoir

Polypropylene Syringes
Male luer lock (MLL) or male slip tip (MST), colored pistons, wide range of size options from 1 ml to 60 ml

Polycarbonate Syringes
Clear polycarbonate, with colored piston options

Angiographic Control Syringes
Male luer lock (MLL) and rotating adaptor (RA) with and without 0.5 ml reservoir, finger ring, finger grip, palm pad and thumb ring

The Pen and Medication Label Set
• Polypropylene labels are pre-printed for convenience
• Blank labels included for other medications
• Smear-resistant permanent marker for use in the sterile field

Joint Commission Guidelines
Navilyst Medical fully complies with Joint Commission guidelines

1. Joint Commission on Accreditation of Healthcare Organizations (JCAHO) 2006 Ambulatory Care and Office-based Surgery National Patient Goal: Improving the Safety of Using Medications, Section 3D.
NAMIC® Perceptor® DT Disposable Transducers

100% Tested. Advanced Technology. Accurate Results.

Perceptor DT Disposable Transducers from Navilyst Medical are designed specifically for interventional radiology labs and represent state-of-the-art technology. The rigors of the lab demand consistent accuracy, and Perceptor DT Transducers are designed to deliver the first time, every time.

Advanced Diagnostic Tool
Provides precise waveform fidelity

Laser-trimmed Resistors
Ensures more accurate waveforms

Reliable Connections
Keyed cable connectors provide secure connection.
Flexible cable designed not to coil back or interfere with procedure.

Clear Fluid Pathway
Enables quick and easy priming, debubbling, and visualization

100% Tested
Every transducer is tested for accuracy

NAMIC® Contrast Injection Lines


NAMIC Contrast Injection Lines are configured for both low- and high-pressure injections. They feature the security of injection-molded fittings, clear tubing for easy bubble detection and secure catheter connections.

Your choice for flexibility and strength is clear.

LPCIL (Low-pressure Contrast Injection Line)
• 500 psi (35 kg/cm²)
• Ultra-clear, single-layer PVC tubing for easy debubbling
• 0.089" ID

HPCIL (High-pressure Contrast Injection Line)
• 1,000 psi (70 kg/cm²)
• Ultra-clear, single-layer PVC tubing for easy debubbling
• 0.089" ID

clearaCIL™
High Pressure
• 1,200 psi (84 kg/cm²)
• Clear and flexible for easy debubbling and positioning
• Dual-layer nylon and urethane for added strength and clarity
• 0.071" ID

flexCIL®
High Pressure
• 1,200 psi (84 kg/cm²)
• Braided polyurethane for extra strength and maximum flexibility
• 0.071" ID

Memorable “J”
Smooth “J” shape designed for easy, dramatic advancement
Memory that provides stamina for lengthy procedures and tortuous anatomy

Enhanced Flexibility
Firm, solid core lends the right amount of body and support
Tip flexibility facilitates finger-straightening and passage through tortuous anatomy

Available in J-tip or straight
• Fixed core or movable core
• 60 cm to 260 cm length
• 0.018” to 0.038” OD

NAMIC® Angiographic Core Wires


Our core wires provide solid support for diagnostic catheters, and feature flexibility and a unique J-tip shape to assist with lengthy procedures.

When quality and performance are essential, count on Navilyst Medical. From the market’s largest lumen Y-adaptors to the inflation device you’ll want when the pressure is on, each product is designed for confidence. It’s quality you can trust every day.

The Encore® 26 Inflation Device*
- 0-26 atm capability

NAMIC® Interventional Necessities

Optional NAMIC® Interventional Accessories

Option 125™ Y-Adaptor
- 0.125" straight-through lumen (3.18 mm, 9.5 F)
- Largest lumen we offer for best clearance
- Intermediate threading for rapid closure
- Elongated body style

Large Bore Y-Adaptor
- 0.113" straight-through lumen (2.87 mm, 8.6 F)
- Fine threading for precise hemostasis control

Original Y-Adaptor
- 0.100" (0.54 mm, 7.6 F) straight-through lumen
- Intermediate and fine threading options available

Gateway™ Y-Adaptor
- 0.118" (2.99 mm, 9 F) internal through lumen
- Unique hemostatic valve for proper hemostasis with smooth catheter wire movement

Option 125 Tri-Adaptor
- 0.125" main/0.110" side
- Largest lumen we offer for best clearance

Original Tri-Adaptor
- 0.100" main/0.093" side
- Intermediate threading

NAMIC Insertion Tool
- Allows for quick and easy placement of guidewire through Y-adaptor
- Clear hub
- 0.018" ID

Avenue® Insertion Tool
- Allows for quick and easy placement of guidewire through Y-adaptor
- 0.018" ID

NAMIC Torque Device
- Gloves in the dark for easy visualization
- Secure textured grip for torque control
- Accommodates 0.010" to 0.018" wires

TD2® Torque Device
- Large, easy-to-grip handle
- Textured grip for torque control
- Accommodates 0.010" to 0.018" wires

The Grip™
- Large torque device for easy handling
- White disk slides easily over wire for proper compression
- Accommodates 0.014" to 0.018" wires

ARIA™ Inflation Device*
- 0-22 atm
- 12 ml barrel volume
- Luminescent gauge
- Angled face gauge

Clear Polycarbonate Syringe
- Ensures accurate inflations up to 20 ml volume

Ergonomic Design
- Fits any hand size

Quick Latch Release Design
- Reliable for multiple inflations

Durable Locking Mechanism
- Reliable for multiple inflations

Angled Face Gauge
- Easy to read for left- or right-handed users

NAMIC Essentials™ Kit Includes:
- TD2® Torque Device
- Avenue® Insertion Tool
- Gateway™ Y-Adaptor

* Only available in kits.
Navilyst Medical delivers what you need to keep your lab safe and productive—all in a convenient kit that goes to work straight from the shelf. There’s no need to inventory multiple products. Streamlined kit set-up is fast and easy, replacing bowls used to dispose of contaminated body fluids. Each kit comes complete with the components necessary to reduce exposure to pathogens and manage fluids.

Closed System Kits with Contrast

Option 1
- Protection Station® Plus System with HP Stopcock
- 10 ml Radiology Control Syringe
- 5 Polypropylene Syringes
- 48” flexCIL® Contrast Injection Line

Option 2
- Protection Station Plus System with HP Stopcock
- 10 ml Radiology Control Syringe
- 48” flexCIL Contrast Injection Line

Option 3
- Protection Station Plus System with HP Stopcock
- 10 ml Radiology Control Syringe

Option 4
- Protection Station Plus System with HP Stopcock

Closed System Kits without Contrast

Option 1
- Protection Station System with HP Stopcock
- 10 ml Radiology Control Syringe
- 5 Polypropylene Syringes
- 48” flexCIL Contrast Injection Line

Option 2
- Protection Station System with HP Stopcock
- 10 ml Radiology Control Syringe
- 48” flexCIL Contrast Injection Line

Option 3
- Protection Station System with HP Stopcock
- 10 ml Radiology Control Syringe

Option 4
- Protection Station System with HP Stopcock

Choose the Standard Kit That’s Right for You

Known for Flexibility. Trusted. Designed for Performance.

Navilyst Medical offers a wide range of accessories designed to make your IR lab a safer place to work. OSHA guidelines recommend that “all procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, spattering and generation of droplets of these substances.” You can count on Navilyst Medical to help keep your lab in compliance.

NAMIC® Standard Peripheral Vascular Angiographic Kits

Scalpels
Vascular Access Needles
Hypodermic Needles

Temporary Needle Holder
Waste Container

Other Accessories
Scissors
Gauze
Forceps
Table Covers
Patient Drapes
Fluoroscopic Covers

Striped Delivery Sets and Pressure Monitoring Lines

Available in a range of colors to improve staff consistency.
NAMIC® Protection Station® Plus, Protection Station Plus With Contrast Controller™ fluid delivery and injection sets device. Therefore, it is not intended for balloon catheter inflation. Over inflation may result in the rupturing of the balloon.

**WARNINGS:** NAMIC® Stopcocks are not recommended for use with lipids. Prolonged exposure to lipid solutions may cause cracks and leaks to occur that could result in embolism and/or exposure to biohazards. Examine product carefully for entrapped air and fully debubble prior to injection to minimize the potential for embolism and in rare instances death.

Do not attempt to flush contrast media or air bubbles back through the Contrast Controller Check Valve System. Do not attempt to flush contrast media or air bubbles back through the contrast delivery system. Do not use transducer port as a main injection site for fluids.

**Instructions for Use.** If Navilyst Medical, Inc. product is being used in conjunction with another manufacturer’s product, user must also read and follow that manufacturer’s instructions for use. This product does not incorporate protection from accidental facepressure losses. Over pressuring may permanently impair the accuracy of the device.

**PRECAUTIONS:** The presence of air in the system may tamper the patient’s resistance to the transducer. In case we eliminate all air. Do not use transducer port as a main injection site for fluids.

**NAME YOUR ADVENTURE** TR-ADAPTORS

**INTENDED USE/GUIDELINES** USE: NAMIC® Y-Adaptors and TR-Adaptors are recommended for supplying a full-line internal pressure transducer calibrated and guided. This device should be used only by physicians thoroughly trained in angioplasty procedures. Extravascular or retroperitoneal procedures should not be performed using this type of catheter. Extracorporeal light may irritate or injure the skin, and should be used only by physicians thoroughly trained in angioplasty procedures. Do not attempt to flush contrast media or air bubbles back through the contrast delivery system. Do not use transducer port as a main injection site for fluids.

**GATEWAY™ PLUS Y-ADAPTOR**

**INTENDED USE/GUIDELINES** USE: The Gateway Plus Y-Adaptor is recommended for providing hemostatic arrest during balloon dilatation catheters, guidewires, and other therapeutic devices during general interventional procedures. This device should be used only by physicians thoroughly trained in angioplasty procedures. Extravascular light may irritate or injure the skin, and should be used only by physicians thoroughly trained in angioplasty procedures. Do not attempt to flush contrast media or air bubbles back through the contrast delivery system. Do not use transducer port as a main injection site for fluids.

**Grip Torque Device**

**INTENDED USE/GUIDELINES** USE: The Grip Torque Device is intended for use in conjunction with other NAMIC® devices for securing large bore catheters. This device should be used only by physicians thoroughly trained in the technique of percutaneous transluminal coronary angioplasty. Do not use as the proximal port of any catheter. Do not use in packaging or to open or damage.

**THE ESSENTIAL® KIT**

**ANGIO-SAC® Collection Bag**

**INTENDED USE/GUIDELINES** USE: Do not use any transducer port as a main injection site for fluids.
Flexibility, Quality and Choice

Systems for Vascular and Radiology Labs

For ordering information or to learn more about the complete NAMIC® Fluid Management product line, visit www.navilystmedical.com

or contact your Navilyst Medical Territory Manager