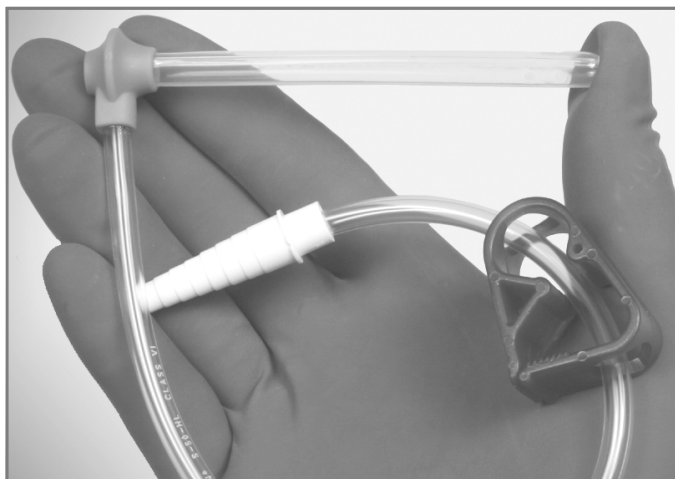


TwoVu™ ST Outflow Sheath



A true innovation in arthroscopic fluid management, the Cannuflow® TwoVu™ ST Outflow Sheath delivers continuous fluid outflow to two-portal arthroscopic knee and percutaneous shoulder procedures. This low profile, single-use device:

- provides consistent fluid clarity
- maintains safe fluid temperatures when using RF devices
- facilitates large particle removal and reduces clogging
- protects against RF device short outs
- supplies superior fluid flow in subacromial decompression (SAD) procedures

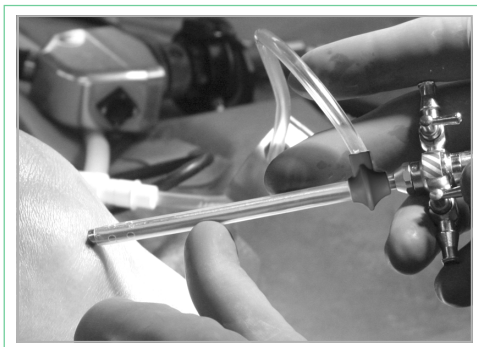
Non-stop irrigation made easy

The Cannuflow TwoVu ST Outflow Sheath offers a real solution to the fluid management compromises often made when performing two-portal knee and SAD procedures – poor visibility, increased fluid temperatures, inefficient debris removal, and extended procedure times. By simply slipping a TwoVu ST over a scope sheath, a single inflow-outflow system is created with a dedicated outflow channel that works with the scopes own inflow channel. The result: the same kind of consistent fluid flow and visual clarity typically associated with the use of a third-portal inflow-outflow cannula.

Adds little, delivers a lot

Easily incorporated into a surgeon's current surgical technique, the soft-polymer, low profile design of the TwoVu ST Sheath adds little to the OD of a scope sheath. The ConstantFlow™ feature of the device reduces the potential for damaging fluid-temperature buildup when using RF devices.

Large fenestrations at the side of the sheath accommodate the evacuation of sizeable particulate matter without clogging or obstructing visibility. The positioning of the fenestrations at the sides of the device allows debris to flow back through the scope sheath without obscuring the surgeon's view.



ConstantFlow feature delivers continuous irrigation to maintain clarity and lower fluid temperature in the joint

“The TwoVu outflow sheath conveniently fits over the arthroscopic sheath making a third portal unnecessary... Once you perform two-portal arthroscopic surgery with a TwoVu, you will not want to return to three-portal scoping again.”

Paul H. Dossick, MD
Orthopaedic Surgeon

“Fluid clarity and debris evacuation in a two-portal procedure is a problem. TwoVu gave us continuous irrigation for consistent clarity throughout the procedure”

Grady L. Jeter, MD
Orthopaedic Surgeon
Arthroscopy & Sports
Medicine Clinic

Outflow Options:

TwoVu ST utilizes gravity for outflow. However, it also fits standard suction tubing for outflow if required.

Flow Rates for TwoVu ST-5 & 5L:

| Scope Sheath OD | Fluid/min at Gravity |
|-----------------|----------------------|
| 5.5mm | 925ml |
| 5.8mm | 850ml |

Flow Rates for TwoVu ST-6, 6S & 6L:

| Scope Sheath OD | Fluid/min at Gravity |
|-----------------|----------------------|
| 5.8mm | 1300ml |
| 6.1mm | 1125ml |
| 6.5mm | 900ml |

Scope Size Compatibility:

TwoVu ST-5 is designed for scope sheaths with:

- a 5.5 to 5.8mm OD
- a minimum working length of **110mm**

| Manufacturer | Model # | OD | Length |
|--------------|-------------|-------|--------|
| Styker® | 747-031-530 | 5.8mm | 115mm |
| Storz | 28124CH | 5.5mm | 115mm |
| | 25126CR | 6.5mm | 120mm |
| Wolf | 8885.034 | 5.6mm | 115mm |
| | 8885.031 | 5.6mm | 115mm |
| | 8885.021 | 5.6mm | 115mm |
| | 8885.011 | 5.6mm | 115mm |

TwoVu ST-5L is designed for scope sheaths with:

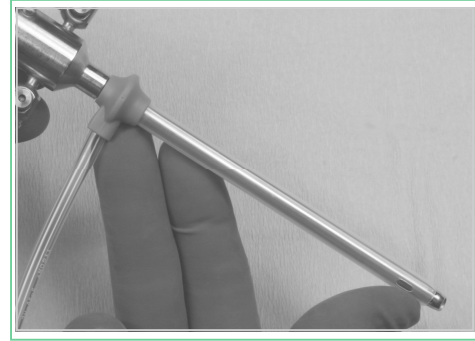
- a 5.5 to 5.8mm OD
- a minimum working length of **123mm**

| Manufacturer | Model # | OD | Length |
|----------------|---------|-------|--------|
| Linvatec | QL5530 | 5.5mm | 142mm |
| | QL5531 | 5.5mm | 142mm |
| | QL5532 | 5.5mm | 142mm |
| Smith & Nephew | 2711 | 5.5mm | 127mm |
| | 3869 | 5.8mm | 127mm |
| | 7209963 | 5.6mm | 130mm |

TwoVu ST-6 is designed for scope sheaths with:

- a 5.8 to 6.5mm OD
- a minimum working length of **110mm**

| Manufacturer | Model # | OD | Length |
|--------------|----------------------------|-------|--------|
| Styker | 377-031-630, 640, 650, 660 | 6.5mm | 115mm |
| Storz | 28126CR | 6.5mm | 120mm |
| Wolf | 8881.031 | 6.3mm | 115mm |



Patented flexible design fits easily over a wide range of scope sizes

TwoVu ST-6S has a working length of 63mm and is designed for scope sheaths with:

- a 5.8 to 6.5mm OD
- a minimum working length of **83mm**

| Manufacturer | Model # | OD | Length |
|----------------|--------------|-------|--------|
| Smith & Nephew | 3176 cannula | 6.3mm | 83mm |

TwoVu ST-6L is designed for scope sheaths with:

- a 5.8 to 6.5mm OD
- a minimum working length of **123mm**

| Manufacturer | Model # | OD | Length |
|-------------------|-----------------|-------|--------|
| Arthrex (Olympus) | A70955A | 6.0mm | 135mm |
| Linvatec | QL6131 | 5.9mm | 142mm |
| | QL6132 | 5.9mm | 142mm |
| Smith & Nephew | 4355 (Inteljet) | 6.0mm | 127mm |
| Wolf | 8882.041 | 6.5mm | 130mm |

Packaging:

Single sterile unit
 Box of 5 individually-packaged sheaths
 Assembled and packaged at ISO 9000, FDA registered facility

Sterilization Method:

Radiation, Gamma

Technical Specifications:

Packaged sterile, single use
 Attached 12in outflow tube with flow regulator clip
 Latex free



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