Guarantee Requirements
Atrium is so confident in your experience with the FLIXEN vascular graft that it is providing a NO WEEP SATISFACTION GUARANTEE. It is guaranteeing that the product will not weep when used as directed. If the product does weep, Atrium will provide the hospital with a no charge replacement.

Conditions:
The only conditions are the following:
1) Fluid must not be forced through the graft wall using a syringe or other method.
2) The physician must release the distal clamp first to “back flow” the graft then release the proximal clamp. This prevents the “hammer effect” which is a common cause of weeping in vascular grafts.
3) The product must not be pre-wet by exposure to organic solvents such as alcohol.

Fulfillment of the Guarantee
The implanting physician must complete and sign the FLIXEN Guarantee form. Once the form is completed and provided to the Atrium territory representative, Atrium will provide one free replacement graft, not cash or credit to the hospital. In case of replacement, the corresponding implant tracking card will be replaced. Replacement product will only be applicable for those grafts that have been purchased by the hospital.

The No Weep Guarantee™
> An Industry First

The all new FLIXEN “next generation” composite vascular graft. Utilizing Atrium’s state-of-the-art Trilaminate Composite Construction (TCC), FLIXEN has been engineered to support the toughest clinical demands required in today’s vascular procedures. Whether for challenging dialysis access conditions or lower limb reconstructions, FLIXEN provides unmatched strength, durability, weep protection and security.

FLIXEN’s exclusive hydrostatic protection membrane prevents hydrostatic pressure, thereby eliminating blood dripping. This hydrostatic protection membrane provides FLIXEN, with the highest water entry pressure of any vascular graft commercially available. The result is a product that is the least likely of any vascular graft to experience weeping through the graft wall after implantation.

FLIXEN is one of the most durable vascular implants available. By implanting FLIXEN, you will have the confidence that you are providing the best mechanical solution for your patient.
FLIXEN E's structure is designed to withstand the rigors of your most challenging vascular procedures. Upon implantation, FLIXEN E is 100% stronger than its nearest reinforced competitor. After 20 needlesticks per cm with a 14 gauge needle, FLIXEN E has been tested to exhibit 2-3 times more strength than other reinforced graft products. FLIXEN E is designed to take the wear and tear that today's vascular grafts require. FLIXEN E is the most durable and tangle compression resistant vascular implant ever conducted.

**NEW** FLIXEN E™ Graduated Wall
Another industry first, Atrium now offers the FLIXEN E graft products with a graduated wall thickness for improved handling. The wall thickness of the product becomes gradually thinner closer to the ends for ease of suturing and increased conformability at the anastomotic.

**NEW** FLIXEN E™ Trumpet Graft
Has been engineered for the surgeon who prefers a larger graduated hood at the distal anastomosis. The 3-layer composite design can be easily trimmed to accommodate a more gradual anatomical diameter for precise anatomical placement thus maximizing flow dynamics.

**NEW** FLIXEN E™ Graduated 3-Layer Graduated Trumpet Graft Design
Available exclusively with Atrium’s Slider™ Graft Deployment System, tunneling has never been easier. The Slider tunneling system provides a faster, safer, more convenient graft attachment and insertion method. Atrium’s patented tunneling system makes it easy to pull any size graft safely through the subcutaneous tissue without drag. The low-profile tunneler tip and thin wall protection sleeve minimizes trauma and allows for a tighter graft tunnel without the risk of pre-wetting or contamination during implantation.

**Trilaminate Composite Construction**
FLIXEN E’s exclusive Trilaminate Composite Construction reduces hydrostatic pressure eliminating weeping and/or blood strike-through and/or blood strike-through while dramatically increasing suture retention. The result is a more secure anastomosis with less blood loss. This unique 3-layer construction provides the ultimate mechanical solution for your most challenging vascular surgery repairs.
Atrium’s FLIXEN E™ vascular graft products represent the best in surgical excellence. Utilizing Atrium’s state-of-the-art Trilaminate Composite Construction, FLIXEN E has been engineered to surpass the toughest clinical demands required in today’s vascular surgery procedures. Whether for challenging dialysis access conditions or lower limb reconstructions, FLIXEN E provides unmatched strength, durability and security.

**In a word... FLIXEN E™ is simply “Extraordinary”**

**FLIXEN E’s structure is designed to withstand the rigors of your most challenging vascular procedures. Upon implantation, FLIXEN E is 100% stronger than its closest reinforced competitor. After 20 needlesticks per cm with a 14 gauge needle, FLIXEN E has been tested to exhibit 2.5 times more strength than other reinforced graft products. FLIXEN E is designed to take the wear and tear that today’s vascular grafts require. FLIXEN E is the most durable and tunable compression resistant vascular implant ever constructed.**

**NEW** FLIXEN E™ Graduated Wall
Another industry first, Atrium now offers the FLIXEN E graft products with a graduated wall thickness for improved handling. The wall thickness of the product becomes gradually thinner closer to the ends for ease of suturing and increased conformity at the anastomosis.

**NEW** FLIXEN E™ Trumpet Graft
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**NEW** FLIXEN E™ 3-Layer Graduated Trumpet Graft Design

The Preferred Reinforced Graduated Hood Solution

Angiogram courtesy of Dr. Hasan H. Dosluoglu

**NEW** FLIXEN E™ exclusive Trilaminate Composite Construction provides hydrostatic pressure eliminating wetting and/or blood-strike-through and minimizes media flare holding while dramatically increasing suture retention. The result is a more secure anastomosis with less blood loss. This unique 3-layer construction provides the ultimate mechanical solution for your most challenging vascular surgery repairs.
FLIXEN E™ vascular graft products represent the best in surgical excellence. Utilizing Atrium’s state-of-the-art Trilaminate Composite Construction, FLIXEN E™ has been engineered to surpass the toughest clinical demands required in today’s vascular surgery procedures. Whether for challenging dialysis access conditions or lower limb reconstructions, FLIXEN E™ provides unmatched strength, durability and security.

**NEW FLIXEN E™ Graduated Wall**
Another industry first, Atrium now offers the FLIXEN E™ graft products with a graduated wall thickness for improved handling. The wall thickness of the product becomes gradually thinner closer to the ends for ease of suturing and increased conformability at the anastomosis.

**NEW FLIXEN E™ Trumpet™ Graft Design** has been engineered for the surgeon who prefers a larger graduated hood at the distal anastomosis. The 3-layer composite design can be easily trimmed to accommodate a more gradual anastomotic diameter for precise anatomical placement thus maximizing flow dynamics.

**FLIXEN E™’s structure is designed to withstand the rigors of your most challenging vascular procedures. Upon implantation, FLIXEN E™ is 100% stronger than its nearest reinforced competitor. After 20 needlesticks per cm² with a 14 gauge needle, FLIXEN E™ has been tested to exhibit 2-3 times more strength than other reinforced graft products. FLIXEN E™ is designed to take the wear and tear that today’s vascular grafts require. FLIXEN E™ is the most durable and haemocompatible resistant vascular implant ever constructed.**

**NEW FLIXEN E™ Graduated Wall**

**Graduated anastomotic hood helps improve flow**

**FLIXEN E™ is simply “Extraordinary”**

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**T h e n o l o g i e s**

**Trilaminate Composite Construction**

**Available exclusively with Atrium’s Slider™ Graft Deployment System, tunneling has never been easier. The Slider tunneling system provides a faster, safer, more convenient graft attachment and insertion method. Atrium’s patented tunneling system makes it easy to pull any size graft safely through the subcutaneous tissue without drag. The low profile tunneler tip and thin wall protection sleeve minimizes trauma and allows for a tighter graft tunnel without the risk of pre-wetting or contamination during implantation.**

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**Impact of Cannulation on Radial Tensile Strength of Vascular Grafts (6mm straight)**

**Number of Puncture Sites (p=0.0001)**

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**The Preferred Reinforced Graduated Hood Solution**

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**Angiogram courtesy of Dr. Hasan H. Dostugu**
The No Weep Guarantee™

An Industry First

The all new FLIXENE™ “next generation” composite vascular graft. Utilizing Atrium’s state-of-the-art Trilaminate Composite Construction (TCC), FLIXENE™ has been engineered to support the toughest clinical demands required in today’s vascular procedures. Whether for challenging dialysis access conditions or lower limb reconstructions, FLIXENE™ provides unmatched strength, durability, weep protection and security.

FLIXENE™’s exclusive hydraulic protection membrane resists hydraulic pressure, thereby eliminating blood strike-through. This hydraulic protection membrane provides FLIXENE™ with the highest water entry pressure of any vascular graft commercially available. The result is a product that is the least likely of any vascular graft to experience weeping through the graft wall after implantation.

FLIXENE™ is one of the most durable vascular implants available. By implanting FLIXENE™, you will have the confidence that you are providing the best mechanical solution for your patient.

Guarantee Requirements

Atrium is so confident in your experience with the FLIXENE™ vascular graft that it is providing a NO WEEP SATISFACTION GUARANTEE. It is guaranteeing that the product will not weep when used as directed. If the product does weep, Atrium will provide the hospital with a no charge replacement.

Conditions:

The only conditions are the following:

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2) The physician must release the distal clamp first to “back bleed” the graft then release the proximal clamp. This prevents the “hammer effect” which is a common cause of weeping in vascular grafts.
3) The graft must not be pressed by exposure to organic solvents such as alcohol.

Fulfillment of the Guarantee

The implanting physician must complete and sign the FLIXENE™ Guarantee form. Once the form is complete and provided to the Atrium territory representative, Atrium will provide one free replacement graft, not cash or credit to the hospital, for the physician’s next case after receipt of the corresponding implant tracking card. Replacement product will only be applicable for those graft items that have been purchased by the hospital.

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