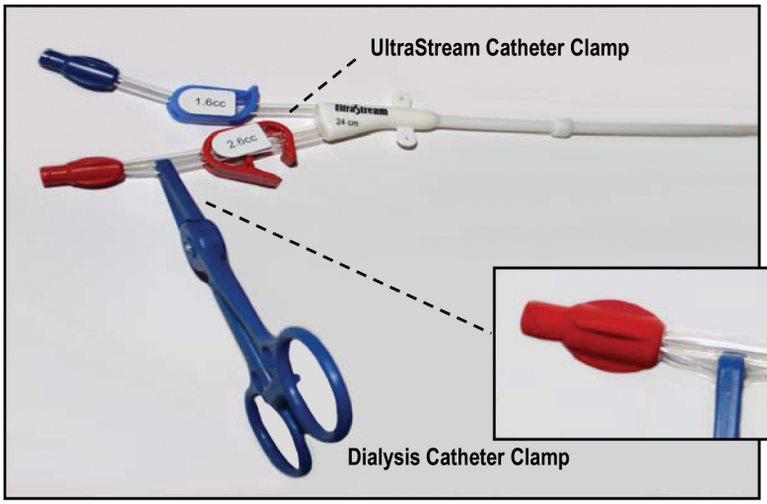
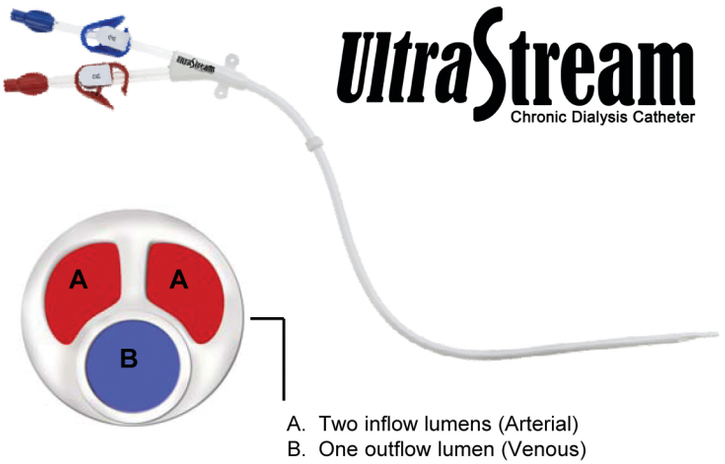
Argon
Medical Devices





UltraStream
Chronic Dialysis Catheter

A. Two inflow lumens (Arterial)
B. One outflow lumen (Venous)

UltraStream
Catheter Clearance Protocol

1. Aspirate and flush UltraStream to identify obstructed lumen
2. Secure red UltraStream catheter clamp
3. Using dialysis tubing clamp, compress the non-obstructed lumen approximately 1cm from the hub (see image)
4. Release red UltraStream catheter clamp
5. Inject TPA/thrombolytic agent per hospital protocol
   - Follow thrombolytic agent dosing per manufacturer recommendation
6. Secure red UltraStream catheter clamp
7. Remove dialysis tubing clamp
8. Allow thrombolytic agent to dwell in catheter per hospital protocol
9. Assess catheter patency by aspirating then flushing catheter
10. Repeat as necessary per hospital protocol

Individual Arterial Lumen Flush Volume Chart

Catheter Size	1 Lumen	2 Lumens
24cm	1.3cc	2.6cc
28cm	1.4cc	2.8cc
32cm	1.5cc	3.0cc
36cm	1.6cc	3.2cc
40cm	1.8cc	3.6cc

Site Cleaning Agents Compatible With UltraStream

Active Ingredient	Brand Name
2% Chlorhexidine Gluconate 70% Isopropyl Alcohol	ChloraPrep ®
Surfactant Poloxamer 188	Shur-Clens ®
Chlorhexidine Gluconate	Hibiclens ®
10% Elemental Iodine	Tincture of Iodine
Sodium Hypochlorite	ExSept Plus ®
Bacitracin Ointment	N/A
Povidone Iodine	N/A
Water	N/A
Isopropyl Alcohol	N/A
Hydrogen Peroxide	N/A
Normal Saline	N/A

Warning: do not use Acetone

UltraStream Priming Volumes

Tip to Hub	Arterial Lumen	Venous Lumen
24cm	2.6cc	1.6cc
28cm	2.8cc	1.8cc
32cm	3.0cc	2.0cc
36cm	3.2cc	2.2cc
40cm	3.6cc	2.4cc

Note: UltraStream Chronic Dialysis Catheter has on average a 1 cc priming volume difference between Arterial and Venous lumens. It is important to flush UltraStream per hospital protocol with correct priming volumes to ensure maximum catheter performance.

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Designed by:
REX MEDICAL