AIRLESS.
SIMPLE.
THE NEW STANDARD
IN BLOOD TUBING.
Proprietary tubing for dialysis applications
• Custom extruded & assembled
• Smooth inner lumen designed to minimize blood disruption

Low volume design
• Reduced extra corporeal volume (107-117mL)
• Reduced blood-plastic exposure
• Simpler rinseback
• Less “spaghetti”, faster setup & teardown
• Reduction of medical & packaging waste, leading to disposal savings

Proprietary pump header tubing
• Truer actual delivery of prescribed blood flow (within 1%)¹
• Higher clearances²

Arterial pressure pod
• Only airless pressure measuring assembly designed to reduce heparin needs & clotting²
• No need for expensive, inconvenient transducer protectors
• No risk of machine cross-contamination
• No need to adjust levels
• Patented technology

Locksite™ needleless access
• Reduced needlestick accident risk
• No more expensive safety syringes
• Unique locking allows user to keep syringe on the circuit
• Patented technology
• Designed to allow safe & easy medication delivery, blood & saline draws

Ergonomic clamps
• Ergonomic, easy opening & closing
• Rigidity & less cross-clamping

Locking Collar
• Designed to help prevent access tubing disconnects

Seven Years of Innovation:
Vented cap
- One-handed opening & closing
- Vent allows priming without opening

Slim venous filter
- 50% less surface area designed to reduce clotting
- Patented technology

Venous vortex chamber
- Only airless venous chamber
- Horizontal "vortex" flow of blood reduces foaming, splashing & microbubble formation
- Reduces stagnant blood compartment; designed to reduce clotting
- Patented technology

Venous pressure pod
- Only airless pressure measuring assembly designed to reduce clotting
- Reduced heparin needs
- Patented technology

A Bloodline is Not Just a Bloodline
All Parties Benefit

**Patients**
- Better KT/Vs
- Fewer Long (> 4 hour) Treatments

**Staff**
- Reduced Alarms & Interventions
- Faster Set-up

**Physicians**
- Clinical Flexibility
- Reduced Heparin

**Administrators**
- Reduced Total Costs
- Improved Center Performance
- Staff Satisfaction

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**Saline Spike and Chamberless Saline Set**
- Easy to grasp & insert
- Designed to minimize air bubble formation

**Luggage Tag**
- Easy product lot identification for convenient traceability

**On/off Clamp**
- Designed to permit maximum saline flow in any hypotensive intervention
- Designed to be simpler to use than roller clamps
Your Bloodline Drives:

Peak Therapy Performance
Nearly 400 patients at multiple sites saw increased blood flows and dose delivery

Peak Operational Efficiency
Less dialysate, fewer alarms, fewer supplies, less staff time

MEASURED OVERALL IMPACT IN A 116-PATIENT STUDY

<table>
<thead>
<tr>
<th>Measure</th>
<th>Traditional</th>
<th>Streamline</th>
<th>Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>% patients with high dose (Kt/V &gt;1.4)</td>
<td>98%</td>
<td>98%</td>
<td>$3.00 / Tx</td>
</tr>
<tr>
<td>Median dose (Kt/V)</td>
<td>1.64</td>
<td>1.70</td>
<td>$0.36 / Tx</td>
</tr>
<tr>
<td>Blood flow (mL/min)*</td>
<td>409</td>
<td>403</td>
<td>$0.40 / Tx</td>
</tr>
<tr>
<td>Alarms/treatment</td>
<td>53%</td>
<td>28%</td>
<td>50% reduction</td>
</tr>
<tr>
<td>Dialysate usage (concentrate, potable H2O &amp; RO)**</td>
<td>$1.39 / Tx</td>
<td>$1.39 / Tx</td>
<td></td>
</tr>
<tr>
<td>Medical waste</td>
<td>$0.19 / Tx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heparin usage</td>
<td>$0.07 / Tx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transducer protector usage</td>
<td>$0.03 / Tx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff over-time (observed 50%)</td>
<td>$1.32 / Tx</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* No change in arterial pressure.
** Dialysate savings are result of actual Qb reduction from 800 to 597 mL/min avg. @ $1.40/gal acid cost.

James Cooke
RN, CNN
Regional Director
Redwood City Unit
Satellite Healthcare

John Moran
MD
Senior VP
Clinical Affairs
Satellite Healthcare & Wellbound
<table>
<thead>
<tr>
<th>TRADITIONAL STANDARD</th>
<th>STREAMLINE INNOVATION</th>
<th>CLINICAL AND ECONOMIC IMPACT OF STREAMLINE</th>
</tr>
</thead>
</table>
| Drip chamber & transducer protector             | Airless arterial & venous pressure pods; airless venous vortex chamber | • Simple operator set-up and use; no level adjustments  
• No blood-air interface; designed to reduce clotting & heparin  
• No need for transducer protectors; designed to reduce nuisance alarms & undetected risk of cross contamination  
• Designed to reduce microbubbles & potential blocking of dialyzer membrane fibers |
| Conventional bung                               | LockSite™ needleless access port                           | • Enhanced safety by reducing use of needles & risk of needle-sticks  
• Unique locking mechanism allows user to keep syringe on circuit |
| Set weight: 0.64 - 0.70lbs                      | ~35% lower weight (0.46lbs)                               | • Lower disposal costs, less landfill usage, lower incineration pollutants  
• Fewer red bags to close & discard |
| Blood volume: 134-153mL                         | ~20% lower volume (107-117mL) and shorter tubing lengths | • Less “spaghetti”; quicker, simpler set-up  
• Less extracorporeal blood volume & exposure to plastic  
• Lower saline priming volume  
• Demonstrated improved rinsebacks with lower saline volume4 |
| Packaging volume: 24 sets/case                  | ~30 - 50% more efficient (32 - 36 sets/case)              | • Lower storage space requirements & costs  
• Reduced packaging waste |
| Traditional blood pump tubing                  | High performance, custom blood pump segment (50% - 75% less degradation) | • Demonstrated higher blood flow accuracy (prescribed vs. actual) & resistance to fatigue1 |
| Standard blood tubing manufacturing & design, 31-36 bond joints | Custom extruded, designed to lower blood tubing resistance; ~35% fewer joints (21 bond joints) | • Higher blood flows at given arterial pressures due to reduced resistance1  
• Improvement in dose delivery, reduction in dialysate requirements, or a combination of both2  
• Alarm reduction2 |

For additional information on Medisystems products, distributors and programs, please call 1-800-369-MEDI.

2. Cooke, J; Moran, J; Streamline Airless System Set Optimizes Dialysis Adequacy with Reduced Costs; ASN 2007.
4. Actual facility and patient experience collected by Medisystems during Streamline evaluations.