AFFINITY® ARTERIAL FILTER FAMILY

Featuring the new Pediatric Arterial Filter

The clear advantage for your pediatric and adult patients
The AFFINITY® arterial filter is the number-one selling brand of arterial filters in the world. With ease of prime, effective air handling and optimum filtration, the AFFINITY® Arterial Filters benefit both patients and Perfusionists.

The AFFINITY® Arterial Filters are disposable devices designed to filter microemboli greater than the specified micron size from the circuit for periods up to six hours during cardiopulmonary bypass surgery.

The AFFINITY® Pediatric Arterial Filter is available coated with Carmeda® BioActive surface (a heparin bioactive surface) that mimics critical characteristics of vascular endothelium to provide thromboresistance and biocompatibility.

Medtronic has developed systems with Perfusionists, Surgeons and operating rooms in mind to get closer to the patient.

- We focus on minimizing hemodilution and circuit surface area by using low-prime circuits, retrograde autologous priming (or RAP) techniques, and strategies for fluid management to reduce bleeding with higher postoperative hematocrits.

- You may realize potential savings from a reduction in blood product usage.

- The system includes Carmeda® BioActive surface, Bio-Console®, BioCal® Heater/Cooler, Minimax Plus® Oxygenator and Minimax® reservoirs.
What if there was an ideal arterial filter for your pediatric patients?

The filter would be low prime for lower hemodilution.
The AFFINITY® Pediatric Arterial Filter has a prime volume of 39 ml. This means less hemodilution for your patients.

The filter would give you patient flexibility by having a higher flow rate.
The AFFINITY® Pediatric Arterial Filter has a higher flow rate (3.2 lpm vs. 2.5 lpm) than competing pediatric filters. Robust design handles increased flow often needed at the end of case. Higher flow rate allows for a larger range of patient sizes.

The filter would save time by ease of prime.
The AFFINITY® Pediatric Arterial Filter is easy to prime. The filter housing is completely clear for unequalled visibility. It may be either gravity or pump primed.

The filter would be designed so well that trapped air would almost be a thing of the past.
The AFFINITY® Pediatric Arterial Filter has been designed to have no “hidden areas,” such as opaque screen caps, urethane pleating and netting, where air and particulate can stick.
ORDERING INFORMATION

<table>
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<tr>
<th>Model Number</th>
<th>Description</th>
<th>Packaging</th>
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<tbody>
<tr>
<td>S4014</td>
<td>30 micron PediatriC Arterial Blood Filter</td>
<td>Four/case</td>
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<tr>
<td>CB4014</td>
<td>30 micron PediatriC Arterial Blood Filter with Cardmeda® BioActive Surface®</td>
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<tr>
<td>HR4014</td>
<td>Holder for Series 4014 AFFINITY® PediatriC Arterial Filters</td>
<td>One/case</td>
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<tr>
<td>351</td>
<td>38 Micron Adult Arterial Blood Filter</td>
<td>Six/case</td>
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<tr>
<td>CB351</td>
<td>38 Micron Adult Arterial Blood Filter with Cardmeda® BioActive Surface®</td>
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<td>351T</td>
<td>38 Micron Adult Arterial Blood Filter with Trillium® Biosurface</td>
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<td>6399400023</td>
<td>Holder for Series 351/353 AFFINITY® Adult Arterial Filters-Telescoping</td>
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* Cardmeda® is a registered trademark of Cardmeda A.B., Sweden. This product is coated with the Cardmeda® BioActive Surface under license from Cardmeda A.B. and is licensed for use only as part of an extracorporeal blood circulation system or circuit which includes an oxygenator or blood pump.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician. For more information contact your local Medtronic Revascularization & Surgical Therapies Sales Representative or call Customer Service toll-free at 1-800-328-1357.

REFERENCES

6. What are you doing to reduce SIRS and bleeding in cardiopulmonary bypass patients? © Medtronic 2006. UC200604H015EN

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