BioCath – temporary Triple Lumen Catheter

Higher flexibility with the Triple Lumen Catheter for temporary vascular access
BioCath Triple Lumen Catheter

The BioCath Triple Lumen catheter consists of an each half-round arterial and venous lumen as well as a third lumen located in the middle of the catheter shaft. The specially rounded profile of each lumen allows optimal flow rates of up to 300 ml/min with an outer diameter of only 12.5 F.

The venous return ports are located at the front section of the catheter shaft, further back there are the arterial ports for blood withdrawal. The third lumen is centered in the middle of the catheter shaft and ends directly in the catheter tip. The position as well as the size of the ports prevent mixing of arterial and venous blood and therefore ensure high efficiency.

The BioCath Triple Lumen Catheter can be inserted easily because of the smooth outer surface.

Thermosensitive Polyurethane

Shaft, bifurcation and connection tubes are made of thermosensitive Polyurethane which becomes soft and flexible at body temperature. Therefore the catheter adapts optimally to the shape of the blood vessel. Polyurethane contains no softening additives, is inert, bio-compatible, and resistant to a wide range of commonly used disinfectants.

Smooth soft-tip

Because of the smooth and flexible catheter tip as well as the rounded side holes the risk of vessel injuries is reduced.

Safe fixation

The catheter is fixed by the rotating suture wing which allows a position correction to improve the blood flow also during treatment.

Safety tube clamps

To guarantee a safe and fast clamping there are colour coded clamps which also prevent the tube from slipping laterally.

For additional safety the priming volume is indicated on the arterial and venous clamp.

Third lumen

The central third lumen is provided for insertion of infusions or medication as well as for blood sampling. Therefore it offers higher flexibility in the applications of the catheter.

The catheter set contains beside the catheter a Seldinger puncture needle, a guide wire with J-tip, a dilator and three injection caps.

Order code catheter set Ø in French/mm Shaft length in mm Arterial priming volume in ml Venous priming volume in ml Third priming volume in ml Application

<table>
<thead>
<tr>
<th>Order code</th>
<th>Ø in French/mm</th>
<th>Shaft length in mm</th>
<th>Arterial priming volume in ml</th>
<th>Venous priming volume in ml</th>
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<th>Application</th>
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<td>BCT1150SET</td>
<td>12.5 / 4.2</td>
<td>150</td>
<td>1.1</td>
<td>1.2</td>
<td>0.5</td>
<td>V. Jugularis r., V. Subclavia r.</td>
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</table>

Accessories / Spare parts

- AV-EXT2: Extension lines for dual lumen catheters
- DKS12: Dilator, 2-stage, 10 to 12 F, 200 mm
- G700: Guide wire with straight tip, 700 mm, with straightener
- G700J: Guide wire with J-tip, 700 mm, with straightener
- ILK-LSO: Injection cap
- SN57: Seldinger puncture needle 1.5 mm x 70 mm
- KPA060104-3: Connection and disconnection set for dual lumen catheter
The company

From the foundation of the company in 1978 Bionic Medizintechnik GmbH has been a specialised developer and manufacturer of products for vascular access mainly for dialysis. Our product range includes a large selection of fistula needles, catheters and accessories as well as therapy chairs. Bionic is market leader with its dialysis fistula needles in Europe and offers now over 80 different needle types.

Our clean room (class 100.000, ISO 8) in Friedrichsdorf, Germany which is certified for production of medical implants and is used for manufacture of our catheter sets. The clean room is also used for packaging the customized sets and development of new products.

Safety

Quality, service and security in the interest of the patients’ health are the key aims of the cooperation with our customers. To guarantee this high standard we additionally do in-house tests of all incoming materials as well as the final products.

The quality system is ISO 13485 certified and audited annually by the TÜV Product Service. Because of our commitment to continuous improvement, we gladly accept suggestions from our customers.

Further, Bionic has taken part in the ecological program Ökoprofit in 2008 and has been successfully certified.

Your request - our service

Our customers requests are the basis for continuous improvements and the development of new products. Therefore we try to implement them as fast as possible. We are always open to your ideas and needs and are happy to integrate them early in our new developments.

Your individual customized sets for the catheter insertion as well as connection and disconnection to the extracorporeal system are also produced according to your requirements.

Please find further information via www.vascular-access.com or contact us directly so we can find together a solution for your demands.