Recent discussions (1,2) have indicated that sideholes in chronic hemodialysis catheters create risks that can be easily overcome by designing catheters that do not have this feature. This non-sidehole catheter concept can be developed to assure blood flows required to attain target KT/V. In fact, one study indicates superior blood flows in a non-sidehole catheter design (2).

Furthermore, sideholes increase fibrin formation due to (a) partial stasis and (b) leaking of the locking solution at the distal segment of the catheter (1). Indeed, infections have been more frequent in sidehole designed catheters as described by Tal et al (2).

Features

Split Tip Design: Less recirculation than comparable step-tip designs. Allows lumens to float freely as in single lumen placements (3).

No Sideholes: Less fibrin formation than in sidehole designed catheters, resulting in superior flows and lower rates of infection (2).

Triball Tunneler: Facilitates implantation of the extravascular segment. Easily removed from the catheter after tunnelization. Does not damage catheter tip.
Ordering Information

SPLIT CATH III® without SIDEHOLES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SETS (5 / Box)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14FR x 24cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC24 - 3WOE.</td>
</tr>
<tr>
<td>14FR x 28cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC28 - 3WOE.</td>
</tr>
<tr>
<td>14FR x 32cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC32 - 3WOE.</td>
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<tr>
<td>14FR x 36cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC36 - 3WOE.</td>
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<tr>
<td>14FR x 40cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC40 - 3WOE.</td>
</tr>
<tr>
<td>14FR x 55cm SPLIT CATH III without SIDEHOLES</td>
<td>ASPC55 - 3WOE.</td>
</tr>
</tbody>
</table>

Set Components:

(1) Split Cath® III without SideHoles
(1) FlowGuard™ Valved PTFE Peel-Away Sheath
(1) J-flex Marked Guidewire
(2) Vessel Dilators
(1) Tunneler
(1) 18ga Introducer Needle
(2) Injection Caps

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2) Tal et al M. G., Peixoto A. J., Crowley S. T., Denbow N., Eliseo D., Pollak J., Comparison of side hole versus non side hole high flow hemodialysis catheters; Hemodialysis International 2006: 63-67