Langston® Dual Lumen Catheters
Simultaneous Measurement of Differential Pressures
Simultaneous...Accurate...Precise

Langston® Dual Lumen Catheters provide accurate and precise pressure measurements through two lumens in a coaxial design.

The Langston Pigtail Catheter measures simultaneous pressures across the aortic valve to determine the pressure gradient and effective orifice area.

Langston® Dual Lumen Configurations

- 5 Fr. pigtail on 4 Fr. inner catheter for pushability and kink resistance across the aortic valve
- Braided inner catheter provides excellent flexibility and torque response
- Multiple tip designs for excellent shape retention combined with a low crossing profile
- Tip opacity for accurate placement and optimal visualization

Sensor Lines

- Pigtail inner lumen pressure measurement
- Outer coaxial lumen pressure measurement

*Patient deployment with Langston Pigtail Catheter. For illustrative purposes only. Individual results may vary.

Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Total Length</th>
<th>Working Length</th>
<th>O.D.</th>
<th>Inner Lumen</th>
<th>Pressure Marker Band</th>
<th>Guide Wire</th>
<th># Outer Lumen Sideholes</th>
<th># Inner Lumen Sideholes</th>
<th>Inner Lumen M.P.R.</th>
<th>Max Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>5515</td>
<td>145° Pigtail</td>
<td>125 cm</td>
<td>117 cm</td>
<td>7 Fr.</td>
<td>5 Fr.</td>
<td>40 D R 0.0165 mm</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>1200 psi</td>
<td>17 ml/sec</td>
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<tr>
<td>5540</td>
<td>145° Pigtail</td>
<td>110 cm</td>
<td>102 cm</td>
<td>6 Fr.</td>
<td>5 Fr.</td>
<td>40 D R 0.0165 mm</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>1000 psi</td>
<td>13 ml/sec</td>
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<tr>
<td>5545</td>
<td>145° Pigtail, 125 cm, 5 marker bands</td>
<td>125 cm</td>
<td>117 cm</td>
<td>6 Fr.</td>
<td>5 Fr.</td>
<td>40 D R 0.0165 mm</td>
<td>4</td>
<td>5</td>
<td>1000 psi</td>
<td>12 ml/sec</td>
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<tr>
<td>5550</td>
<td>Multipurpose A2</td>
<td>102 cm</td>
<td>95 cm</td>
<td>4 Fr.</td>
<td>4 Fr.</td>
<td>40 D R 0.0165 mm</td>
<td>4</td>
<td>2</td>
<td>1000 psi</td>
<td>14 ml/sec</td>
<td></td>
</tr>
</tbody>
</table>

Packaged in quantities of 5 units per box. Individual units not sold separately.

1Maximum Pressure Rating. 2Flow rates achieved at 4.7 cP. Actual results may vary. 35 Fr. Pigtail section with 4 Fr. shaft.

Outer lumen for AO/proximal pressure measurements

Inner lumen for high pressure delivery of contrast medium and LV/distal pressure measurements

Multipurpose A2 with bumper tip

145° Pigtail

145° Pigtail, 125 cm, 5 marker bands

Marker band location 1 cm distal to outer lumen sideholes. Radiopaque marker bands
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Please see the Instructions for Use for a complete listing of the indications, contraindications, warnings and precautions. CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.

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