



Langston® Dual Lumen Catheter

Simultaneous Measurement of Differential Pressures



Simultaneous...Accurate...Precise¹

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

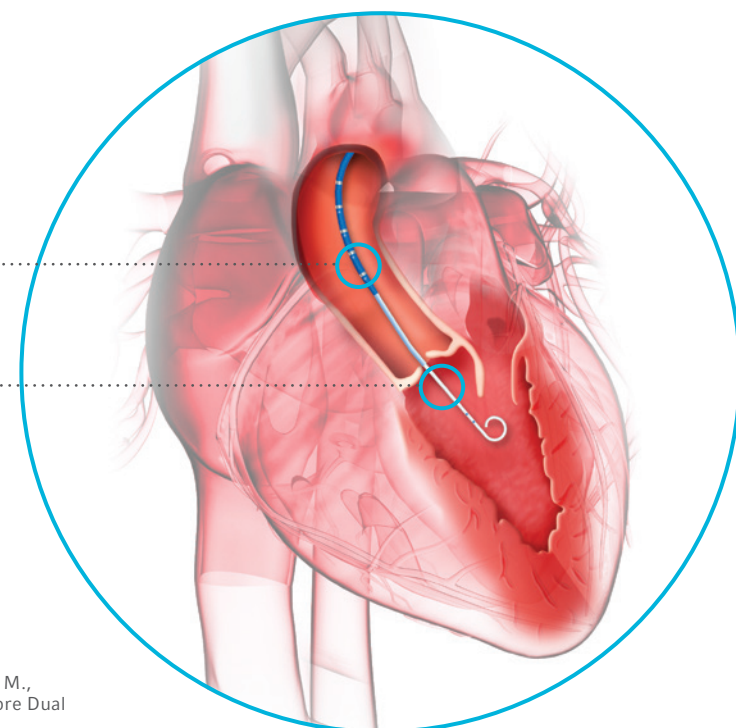


Sensor Lines

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

*Patient deployment with Langston® Dual Lumen Catheter. For illustrative purposes only. Individual results may vary.

The Langston® Dual Lumen Catheter measures simultaneous pressures across the aortic valve to help clinicians compute the pressure gradient and effective orifice area.

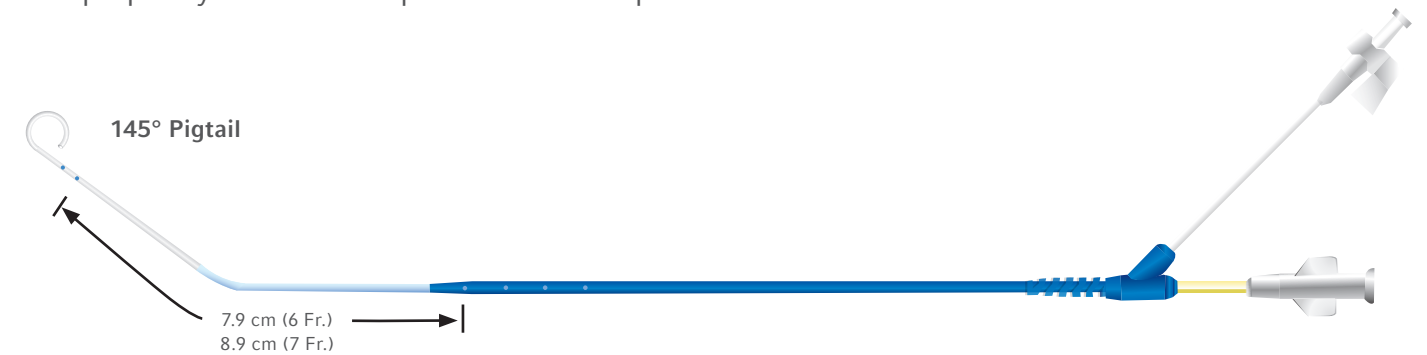


Outer lumen for Aorta (AO)/proximal pressure measurements

Inner lumen for high pressure delivery of contrast medium and Left Ventricle (LV)/distal pressure measurements

Langston® Dual Lumen Configuration

- 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
- Tip designs for excellent shape retention combined with a low crossing profile
- Tip opacity for accurate placement and optimal visualization



Scan this QR code to watch the Langston® Dual Lumen Catheter inservice video.

Ordering Information

Langston® Dual Lumen Catheter

Langston® Dual Lumen Catheter is indicated for delivery of contrast medium in angiographic studies and for simultaneous pressure measurement from two sites. This type of pressure measurement is useful in determining transvalvular, intravascular and intraventricular pressure gradients.

MODEL	CATHETER DESCRIPTION	TOTAL LENGTH	WORKING LENGTH	O.D.	INNER LUMEN	GUIDEWIRE	# OUTER LUMEN SIDEHOLES	# INNER LUMEN SIDEHOLES	INNER LUMEN M.P.R. ²	MAX FLOW RATE ³
5540	145° Pigtail	110 cm	102 cm	6 Fr.	5 Fr. ⁴	≤0.038" 0.965 mm	8	5	1000 psi Outer catheter.	13 ml/sec

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

²Maximum Pressure Rating. ³Flow rates achieved at 4.7 cP. Actual results may vary. ⁴5 Fr. pigtail section with 4 Fr. shaft.

1. Kern, M., Feldman, T., Hirshfeld, J., Johnson, N., Moliterno, D., Ragosta, M., Ramee, S., & Vetrovec, G. (2021). The Langston is Gone For Now (No More Dual Lumen Pigtail for Aortic Valve Assessment). Now What? *Cath Lab Digest*.

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CAUTION: Federal (USA) law restricts these devices to sale by or on the order of a physician.

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