

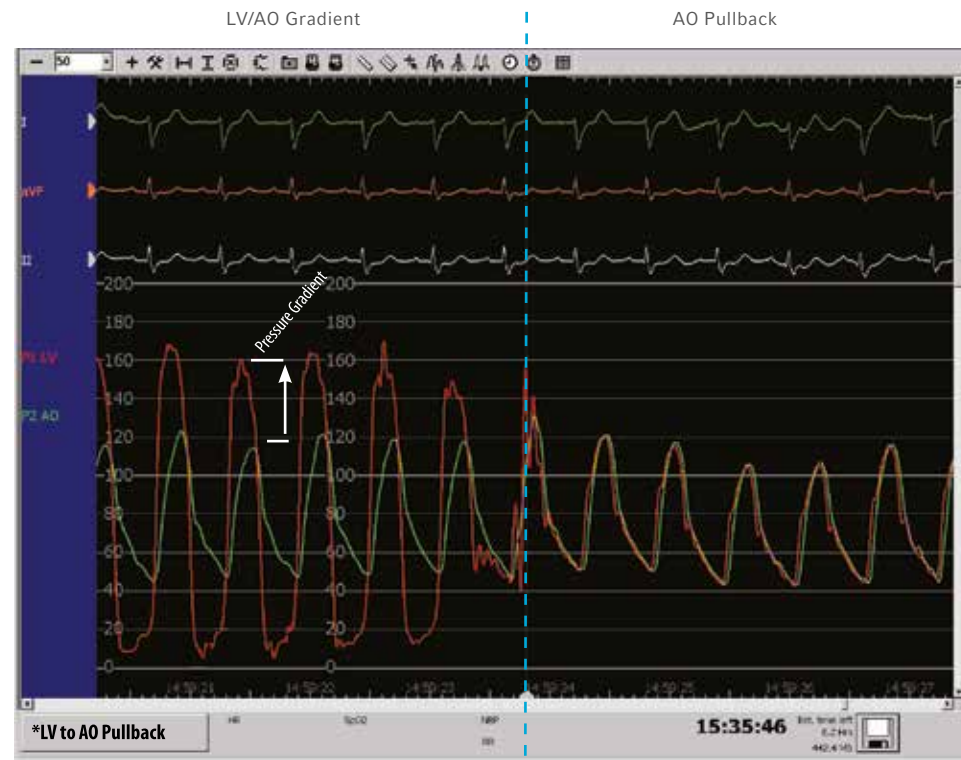
Langston[®] Dual Lumen Catheters

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.



Sensor Lines

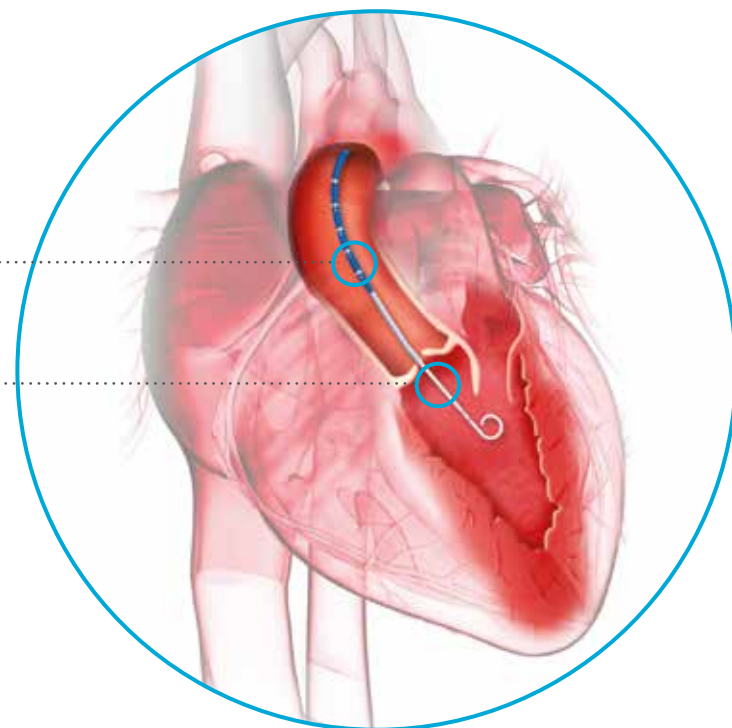
- Pigtail inner lumen pressure measurement
- Outer coaxial lumen pressure measurement

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

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

Outer lumen for AO/proximal pressure measurements

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



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

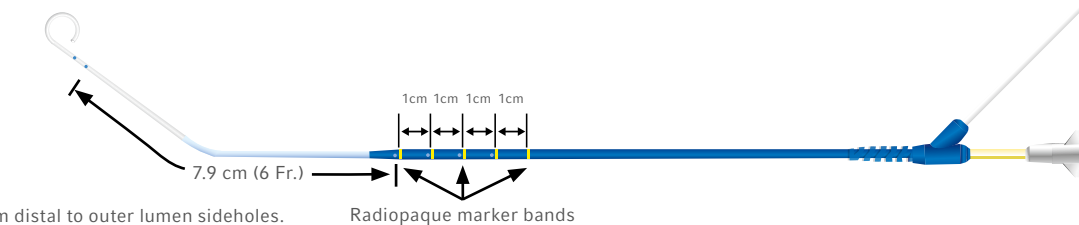
Multipurpose A2 with bumper tip



145° Pigtail



145° Pigtail, 125 cm, 5 marker bands



*Marker band location 1 cm distal to outer lumen sideholes. Radiopaque marker bands

Ordering Information

Langston Dual Lumen Catheters

Langston Dual Lumen Catheters are 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	PROXIMAL MARKER BAND	GUIDEWIRE	# OUTER LUMEN SIDEHOLES	# INNER LUMEN SIDEHOLES	INNER LUMEN M.P.R. ¹	MAX FLOW RATE ²
5515	145° Pigtail	125 cm	117 cm	7 Fr.	5 Fr.	0	≤0.038" 0.965 mm	8	5	1200 psi	17 ml/sec
5540	145° Pigtail	110 cm	102 cm	6 Fr.	5 Fr. ³	0	≤0.038" 0.965 mm	8	5	1000 psi	13 ml/sec
5545	145° Pigtail, 125 cm, 5 marker bands	125 cm	117 cm	6 Fr.	5 Fr. ³	5	≤0.038" 0.965 mm	8	5	1000 psi	12 ml/sec
5550	Multipurpose A2	102 cm	95 cm	6 Fr.	4 Fr.	0	≤0.038" 0.965 mm	8	2	1000 psi	14 ml/sec

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.

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Corporate Office

Phone +1 610 225 6800, 550 E. Swedesford Road, Suite 400, Wayne, PA 19087, USA

Regional Offices

United States: Phone +1 919 544 8000, Toll Free 866 246 6990, cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

Latin America: Phone +1 919 433 4999, la.cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

International: Phone +353 (0)9 06 46 08 00, orders.intl@teleflex.com, Teleflex Medical Europe Ltd., IDA Business and Technology Park, Dublin Road, Athlone, Co Westmeath, Ireland

Australia 1300 360 226

Austria +43 (0)1 402 47 72

Belgium +32 (0)2 333 24 60

Canada +1 (0)800 387 9699

China (Shanghai) +86 (0)21 6163 0965

China (Beijing) +86 (0)10 6418 5699

Czech Republic +420 (0)495 759 111

France +33 (0)5 62 18 79 40

Germany +49 (0)7151 406 0

Greece +30 210 67 77 717

India +91 (0)44 2836 5040

Italy +39 0362 58911

Japan +81 (0)3 6632 3600

Korea +82 2 536 7550

Mexico +52 55 5002 3500

Netherlands +31 (0)88 00 215 00

New Zealand 0800 601 100

Poland +48 22 4624032

Portugal +351 22 541 90 85

Singapore (SEA non-direct sales countries) +65 6439 3000

Slovak Republic +421 (0)3377 254 28

South Africa +27 (0)11 807 4887

Spain +34 918 300 451

Switzerland +41 (0)31 818 40 90

United Kingdom +44 (0)1494 53 27 61

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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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