

Largest
available
5F lumen
0.058"

5F LAUNCHER

Guide Catheter

Advanced Platform Designed for Multiple Interventional Approaches

- > Soft primary segment allows you to actively engage the catheter for superior device delivery.
- > Vest-Tech Nylon outer jacket and Full Wall Technology provide excellent resistance to kinking and crushing.
- > Superior torque control ensures exact placement regardless of access site.

Absolute Visualization

- > Vest-Tech Nylon and wire braid provide exceptional hub-to-tip radiopacity.
- > Radiopaque marker band 3 mm from soft tip facilitates accurate ostial engagement and visualization.
- > Largest 5F lumen increases dye flow and device compatibility.

Wide Curve Selection for Multiple Interventional Approaches

- > Extensive selection of traditional and specialty curves that you have come to expect.
- > Specialty curves designed for trans-radial and brachial approaches.

► *Balanced performance that's ahead of the curve*



5F LAUNCHER

Ordering Information

Medtronic AVE Ordering Information
Contact your Medtronic AVE sales representative

Product Code	Curve Style
Left Coronary Curves	
Left Standard	
LA5JL30	JL 3.0
LA5JL35	JL 3.5
LA5JL40	JL 4.0
LA5JL45	JL 4.5
LA5JL50	JL 5.0
LA5JL60	JL 6.0
LA5JCL30	JCL 3.0
LA5JCL35	JCL 3.5
LA5JCL40	JCL 4.0
LA5JCL45	JCL 4.5
LA5JCL50	JCL 5.0
Short Left	
LA5SL30	SL 3.0
LA5SL35	SL 3.5
LA5SL40	SL 4.0
LA5SL45	SL 4.5
LA5SL50	SL 5.0
LA5SL60	SL 6.0
Amplatz Left	
LA5AL75	AL .75
LA5AL10	AL 1.0
LA5AL15	AL 1.5
LA5AL20	AL 2.0
LA5AL25	AL 2.5
LA5AL30	AL 3.0
LA5AL40	AL 4.0
Short Amplatz Left	
LA5SAL75	SAL .75
LA5SAL10	SAL 1.0
LA5SAL15	SAL 1.5
LA5SAL20	SAL 2.0
LA5SAL25	SAL 2.5
LA5SAL30	SAL 3.0
LA5SAL40	SAL 4.0
Backup Support Left	
EBU (Extra Backup)	
LA5EBU30	EBU 3.0
LA5EBU35	EBU 3.5
LA5EBU375	EBU 3.75
LA5EBU40	EBU 4.0
LA5EBU45	EBU 4.5
LA5EBU50	EBU 5.0

Product Code	Curve Style
Right Coronary Curves	
Right Standard	
LA5JR30	JR 3.0
LA5JR35	JR 3.5
LA5JR40	JR 4.0
LA5JR45	JR 4.5
LA5JR50	JR 5.0
LA5JR60	JR 6.0
LA5JCR35	JCR 3.5
LA5JCR40	JCR 4.0
LA5JCR45	JCR 4.5
LA5JCR50	JCR 5.0
Short Right	
LA5SR30	SR 3.0
LA5SR35	SR 3.5
LA5SR40	SR 4.0
LA5SR45	SR 4.5
LA5SR50	SR 5.0
LA5SR60	SR 6.0
Amplatz Right	
LA5AR10	AR 1.0
LA5AR20	AR 2.0
LA5ALR12	ALR 1-2
Short Amplatz Right	
LA5SAR10	SAR 1.0
LA5SAR20	SAR 2.0
Shepherd's Crook Right	
LA5SCR35	SCR 3.5
LA5SCR40	SCR 4.0
LA5SCR50	SCR 5.0
Backup Support Right	
ECR Curves	
LA5ECR35	ECR 3.5
LA5ECR40	ECR 4.0
LA5ECR45	ECR 4.5

Shaft diameter: 5F
Inner diameter: 0.058 in.

Product Code	Curve Style
Other Curves	
Multipurpose	
LA5MB1	MB 1
LA5MB2	MB 2
LA5HSI	Hockey Stick I
LA5HSII	Hockey Stick II
LA5HSIII	Hockey Stick III
LA5ELGAMAL	El Gamal
MAC (Multi-Aortic Curves)	
LA5MAC30	MAC 3.0
LA5MAC35	MAC 3.5
LA5MAC375	MAC 3.75
LA5MAC40	MAC 4.0
LA5MAC45	MAC 4.5
LA5MAC50	MAC 5.0
Bypass Grafts	
LA5LCB	LCB
LA5RCB	RCB
LA5RCBII	RCBII
LA5RCBD	RCB (90 cm)
LA5IMA	IMA
LA5IMAD	IMA (90 cm)
Champ	
LA5CHAMP05	Champ 0.5
LA5CHAMP10	Champ 1.0
LA5CHAMP15	Champ 1.5
LA5CHAMP20	Champ 2.0
LA5CHAMP25	Champ 2.5
LA5CHAMP30	Champ 3.0
LA5CHAMP35	Champ 3.5
LA5CHAMP40	Champ 4.0
Addl. Radial Curves	
LA5MPST	MPST
LA5MRADIAL	MRADIAL
LA5HSREL	Hockey Stick Relaxed

Kink-free
guarantee*



Coronary Technologies
3576 Unocal Place
Santa Rosa, CA 95403
Tel: 707.525.0111

Product Services
Tel: 888.283.7868
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www.MedtronicAVE.com

*Should your Launcher Guide Catheter kink during an interventional procedure, we will exchange the purchased product at no charge. Contact your local Medtronic AVE sales representative for more information.

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Largest
available
6F lumen
0.071"

6F LAUNCHER

Guide Catheter

► *Balanced performance that's ahead of the curve*

Dependable Platform for Optimal Outcomes

Launcher's new primary segment allows you to **actively engage while preserving curve shape**:

- > **Balanced catheter shaft maintains backup support** for challenging cases.
- > **Controlled torque** allows precise placement.

Absolute Visualization

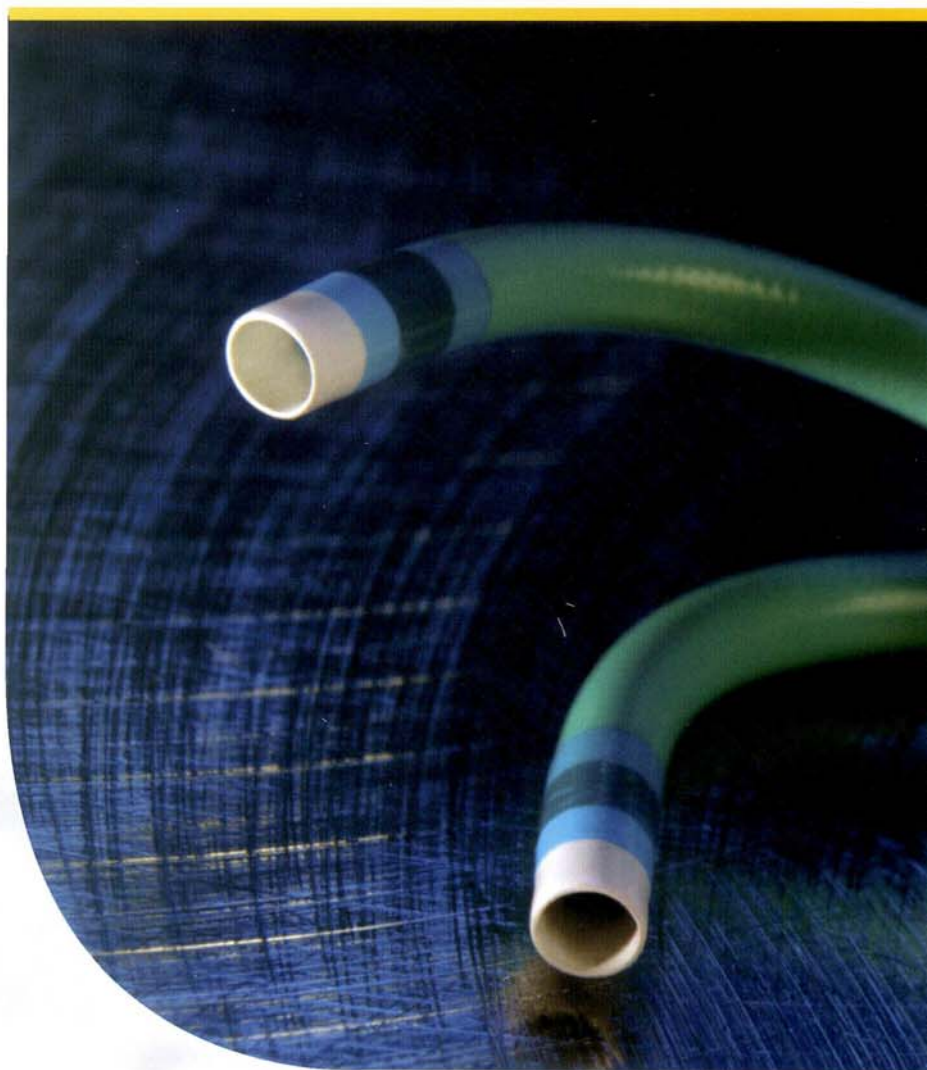
The catheter design offers a **complete view** of the guide and vessel:

- > **Large lumen** increases dye flow.
- > New Vest-Tech Nylon provides **exceptional radiopacity**.

Launching a New Frontier

Proprietary design delivers the **performance you expect** from Medtronic AVE:

- > **Largest 6F I.D.** (0.071 in.) provides broad product compatibility.
- > **Full Wall Technology** uses encapsulated flat-wire braid to achieve a large lumen catheter.



6F LAUNCHER

Ordering Information

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Product Code	Curve Style
Left Coronary Curves	
Left Standard	
LA6JL30	JL 3.0
LA6JL35	JL 3.5
LA6JL40	JL 4.0
LA6JL45	JL 4.5
LA6JL50	JL 5.0
LA6JL60	JL 6.0
LA6JCL30	JCL 3.0
LA6JCL35	JCL 3.5
LA6JCL40	JCL 4.0
LA6JCL45	JCL 4.5
LA6JCL50	JCL 5.0
Short Left	
LA6SL30	SL 3.0
LA6SL35	SL 3.5
LA6SL40	SL 4.0
LA6SL45	SL 4.5
LA6SL50	SL 5.0
LA6SL60	SL 6.0
Amplatz Left	
LA6AL75	AL .75
LA6AL10	AL 1.0
LA6AL15	AL 1.5
LA6AL20	AL 2.0
LA6AL25	AL 2.5
LA6AL30	AL 3.0
LA6AL40	AL 4.0
Short Amplatz Left	
LA6SAL75	SAL .75
LA6SAL10	SAL 1.0
LA6SAL15	SAL 1.5
LA6SAL20	SAL 2.0
LA6SAL25	SAL 2.5
LA6SAL30	SAL 3.0
LA6SAL40	SAL 4.0
Backup Support Left	
EBU™ (Extra Backup)	
LA6EBU30	EBU 3.0
LA6EBU35	EBU 3.5
LA6EBU375	EBU 3.75
LA6EBU40	EBU 4.0
LA6EBU45	EBU 4.5
LA6EBU50	EBU 5.0

Product Code	Curve Style
Right Coronary Curves	
Right Standard	
LA6JR30	JR 3.0
LA6JR35	JR 3.5
LA6JR40	JR 4.0
LA6JR45	JR 4.5
LA6JR50	JR 5.0
LA6JR60	JR 6.0
LA6JCR35	JCR 3.5
LA6JCR40	JCR 4.0
LA6JCR45	JCR 4.5
LA6JCR50	JCR 5.0
Short Right	
LA6SR30	SR 3.0
LA6SR35	SR 3.5
LA6SR40	SR 4.0
LA6SR45	SR 4.5
LA6SR50	SR 5.0
LA6SR60	SR 6.0
Amplatz Right	
LA6AR10	AR 1.0
LA6AR20	AR 2.0
LA6ALR12	ALR 1-2
Short Amplatz Right	
LA6SAR10	SAR 1.0
LA6SAR20	SAR 2.0
Shepherd's Crook Right	
LA6SCR35	SCR 3.5
LA6SCR40	SCR 4.0
LA6SCR50	SCR 5.0
Backup Support Right	
ECR Curves	
LA6ECR35	ECR 3.5
LA6ECR40	ECR 4.0
LA6ECR45	ECR 4.5

Shaft diameter: 6F
Inner diameter: 0.071 in.
To order curves with sideholes,
please add "SH" to end of model number.

Product Code	Curve Style
Other Curves	
Multipurpose	
LA6MB1	MB 1
LA6MB2	MB 2
LA6HSI	Hockey Stick I
LA6HSII	Hockey Stick II
LA6HSIII	Hockey Stick III
LA6ELGAMAL	El Gamal
MAC (Multi-Aortic Curves)	
LA6MAC30	MAC 3.0
LA6MAC35	MAC 3.5
LA6MAC375	MAC 3.75
LA6MAC40	MAC 4.0
LA6MAC45	MAC 4.5
LA6MAC50	MAC 5.0
Bypass Grafts	
LA6LCB	LCB
LA6RCB	RCB
LA6RCBD	RCB (90 cm)
LA6IMA	IMA
LA6IMAD	IMA (90 cm)
Champ	
LA6CHAMP05	Champ 0.5
LA6CHAMP10	Champ 1.0
LA6CHAMP15	Champ 1.5
LA6CHAMP20	Champ 2.0
LA6CHAMP25	Champ 2.5
LA6CHAMP30	Champ 3.0
LA6CHAMP35	Champ 3.5
LA6CHAMP40	Champ 4.0

Kink-free
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7F Large
Lumen
0.081"

7F LAUNCHER

Guide Catheter

► *Balanced performance that's ahead of the curve*

Optimal Balance Between Flexibility and Support

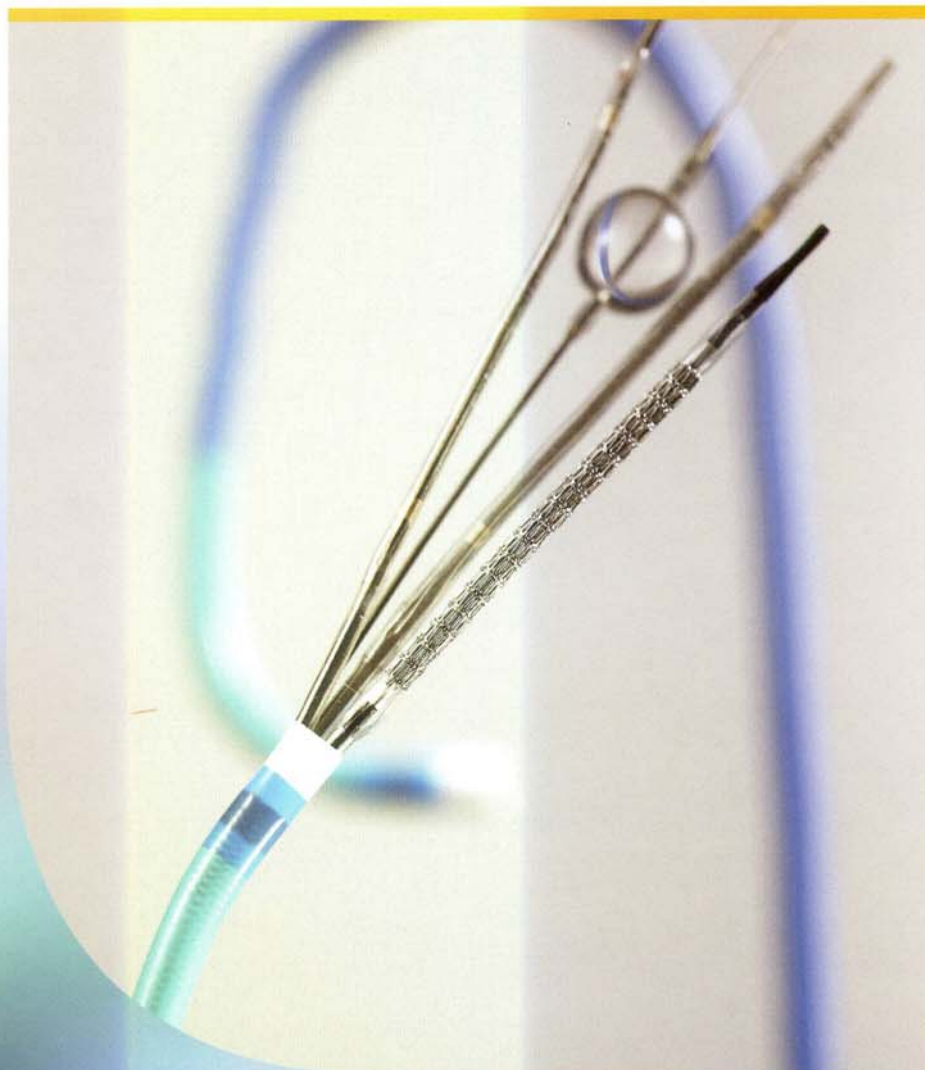
- > Flexible primary curve for **active engagement**.
- > Supportive secondary curve for **increased backup support** when delivering large-profile devices during challenging cases.

Large 0.081" Lumen—No Performance Compromise

- > Larger lumen offers **expanded device compatibility** for large-profile devices:
 - GuardWire distal protection.
 - Brachytherapy.
 - 2.00-mm burrs.
 - 4.0-mm cutting balloons.
 - Kissing balloons.
 - Multiple wires.
 - High-profile peripheral stents.
- > **Enables downsizing** from 8F to 7F.
- > Full Wall Technology with encapsulated flat-wire braid achieves a large lumen catheter with **no compromise in performance**.

Absolute Visualization

- > **Radiopaque marker band**, 4 mm proximal from soft tip, facilitates tip orientation for accurate ostial engagement.
- > Large, 0.081-in. lumen provides increased dye flow for **better vessel visualization**.
- > New Vest-Tech Nylon provides **exceptional radiopacity**.



7F LAUNCHER

Ordering Information

Medtronic AVE Ordering Information
Contact your Medtronic AVE sales representative

Product Code	Curve Style
Left Coronary Curves	
Left Standard	
LA7JL30	JL 3.0
LA7JL35	JL 3.5
LA7JL40	JL 4.0
LA7JL45	JL 4.5
LA7JL50	JL 5.0
LA7JL60	JL 6.0
LA7JCL30	JCL 3.0
LA7JCL35	JCL 3.5
LA7JCL40	JCL 4.0
LA7JCL45	JCL 4.5
LA7JCL50	JCL 5.0
Short Left	
LA7SL30	SL 3.0
LA7SL35	SL 3.5
LA7SL40	SL 4.0
LA7SL45	SL 4.5
LA7SL50	SL 5.0
LA7SL60	SL 6.0
Amplatz Left	
LA7AL75	AL .75
LA7AL10	AL 1.0
LA7AL15	AL 1.5
LA7AL20	AL 2.0
LA7AL25	AL 2.5
LA7AL30	AL 3.0
LA7AL40	AL 4.0
Short Amplatz Left	
LA7SAL75	SAL .75
LA7SAL10	SAL 1.0
LA7SAL15	SAL 1.5
LA7SAL20	SAL 2.0
LA7SAL25	SAL 2.5
LA7SAL30	SAL 3.0
LA7SAL40	SAL 4.0
Backup Support Left	
EBU (Extra Backup)	
LA7EBU30	EBU 3.0
LA7EBU35	EBU 3.5
LA7EBU375	EBU 3.75
LA7EBU40	EBU 4.0
LA7EBU45	EBU 4.5
LA7EBU50	EBU 5.0
Champ	
LA7CHAMP25	Champ 2.5
LA7CHAMP30	Champ 3.0
LA7CHAMP35	Champ 3.5
LA7CHAMP40	Champ 4.0

Product Code	Curve Style
Right Coronary Curves	
Right Standard	
LA7JR30	JR 3.0
LA7JR35	JR 3.5
LA7JR40	JR 4.0
LA7JR45	JR 4.5
LA7JR50	JR 5.0
LA7JR60	JR 6.0
LA7JCR35	JCR 3.5
LA7JCR40	JCR 4.0
LA7JCR45	JCR 4.5
LA7JCR50	JCR 5.0
Short Right	
LA7SR30	SR 3.0
LA7SR35	SR 3.5
LA7SR40	SR 4.0
LA7SR45	SR 4.5
LA7SR50	SR 5.0
LA7SR60	SR 6.0
Amplatz Right	
LA7AR10	AR 1.0
LA7AR20	AR 2.0
LA7ALR12	ALR 1-2
Short Amplatz Right	
LA7SAR10	SAR 1.0
LA7SAR20	SAR 2.0
Shepherd's Crook Right	
LA7SCR35	SCR 3.5
LA7SCR40	SCR 4.0
LA7SCR50	SCR 5.0
Shepherd's Crook Backup Support	
LA7CHAMP10	Champ 1.0
LA7CHAMP15	Champ 1.5
Backup Support Right	
ECR Curves	
LA7ECR35	ECR 3.5
LA7ECR40	ECR 4.0
LA7ECR45	ECR 4.5
Champ	
LA7CHAMP10	Champ 1.0
LA7CHAMP15	Champ 1.5
LA7CHAMP20	Champ 2.0

Shaft diameter: 7F
Inner diameter: 0.081 in.
To order curves with sideholes, please add "SH" to end of model number.

Product Code	Curve Style
Other Curves	
Multipurpose	
LA7MB1	MB 1
LA7MB2	MB 2
LA7HSI	Hockey Stick I
LA7HSII	Hockey Stick II
LA7HSIII	Hockey Stick III
LA7ELGAMAL	El Gamal
M.A.C. (Multi-Aortic Curves)	
LA7MAC30	MAC 3.0
LA7MAC35	MAC 3.5
LA7MAC375	MAC 3.75
LA7MAC40	MAC 4.0
LA7MAC45	MAC 4.5
LA7MAC50	MAC 5.0
Bypass Grafts	
LA7LCB	LCB
LA7RCB	RCB
LA7RCBD	RCB (90 cm)
LA7IMA	IMA
LA7IMAD	IMA (90 cm)
Bypass Backup Support	
LA7CHAMP05	Champ 0.5
LA7CHAMP15	Champ 1.5
LA7CHAMP20	Champ 2.0

Kink-free
guarantee*



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**8F Large
Lumen
0.090"**

8F Launcher

Guide Catheter

Balanced Catheter Design for Atraumatic Engagement & Support

- > **Predictable torque** for atraumatic engagement.
 - New material and braid configuration provide slow, deliberate torque for precise placement.
- > Flexible primary curve for **safe active engagement**.
- > Robust secondary curve provides **backup support and curve retention** for delivering large devices.

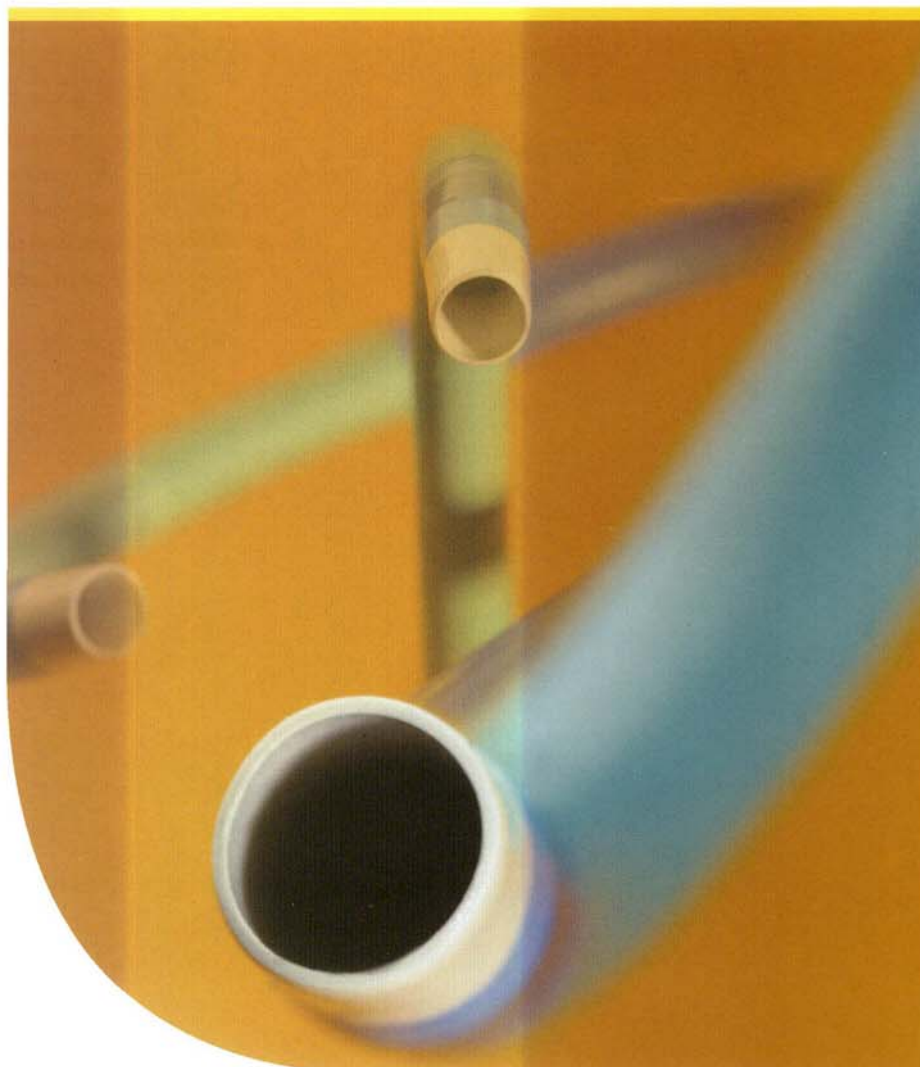
Performance You Expect from a Large Lumen Guide

- > **0.090" lumen** for maximizing device clearance and vessel visualization.
- > Large lumen accommodates a wide variety of **large profile devices**:
 - 2.25-mm burrs.
 - Atherectomy Devices.
 - Kissing balloons & stents.
 - Brachytherapy.
 - Ultrasound.
- > Available in a wide variety of standard and specialty curves.

Absolute Visualization

- > New nylon provides **exceptional radiopacity**.
- > **Soft, radiopaque tip** and Tungsten marker band, located 4 mm proximal from tip, facilitates tip orientation for **accurate ostial engagement**.
- > Large lumen provides increased dye flow for **better vessel visualization**.

Balanced performance that's ahead of the curve



8F Launcher

Ordering Information

Medtronic AVE Ordering Information
Contact your Medtronic AVE sales representative

Product Code	Curve Style
Left Coronary Curves	
Left Standard	
LA8JL30	JL 3.0
LA8JL35	JL 3.5
LA8JL40	JL 4.0
LA8JL45	JL 4.5
LA8JL50	JL 5.0
LA8JL60	JL 6.0
LA8JCL30	JCL 3.0
LA8JCL35	JCL 3.5
LA8JCL40	JCL 4.0
LA8JCL45	JCL 4.5
LA8JCL50	JCL 5.0
Short Left	
LA8SL30	SL 3.0
LA8SL35	SL 3.5
LA8SL40	SL 4.0
LA8SL45	SL 4.5
LA8SL50	SL 5.0
LA8SL60	SL 6.0
Amplatz Left	
LA8AL75	AL .75
LA8AL10	AL 1.0
LA8AL15	AL 1.5
LA8AL20	AL 2.0
LA8AL25	AL 2.5
LA8AL30	AL 3.0
LA8AL40	AL 4.0
Short Amplatz Left	
LA8SAL75	SAL .75
LA8SAL10	SAL 1.0
LA8SAL15	SAL 1.5
LA8SAL20	SAL 2.0
LA8SAL25	SAL 2.5
LA8SAL30	SAL 3.0
LA8SAL40	SAL 4.0
Backup Support Left	
EBU (Extra Backup)	
LA8EBU30	EBU 3.0
LA8EBU35	EBU 3.5
LA8EBU375	EBU 3.75
LA8EBU40	EBU 4.0
LA8EBU45	EBU 4.5
LA8EBU50	EBU 5.0
Champ	
LA8CHAMP25	Champ 2.5
LA8CHAMP30	Champ 3.0
LA8CHAMP35	Champ 3.5
LA8CHAMP40	Champ 4.0

Product Code	Curve Style
Right Coronary Curves	
Right Standard	
LA8JR30	JR 3.0
LA8JR35	JR 3.5
LA8JR40	JR 4.0
LA8JR45	JR 4.5
LA8JR50	JR 5.0
LA8JR60	JR 6.0
LA8JCR35	JCR 3.5
LA8JCR40	JCR 4.0
LA8JCR45	JCR 4.5
LA8JCR50	JCR 5.0
Short Right	
LA8SR30	SR 3.0
LA8SR35	SR 3.5
LA8SR40	SR 4.0
LA8SR45	SR 4.5
LA8SR50	SR 5.0
LA8SR60	SR 6.0
Amplatz Right	
LA8AR10	AR 1.0
LA8AR20	AR 2.0
LA8ALR12	ALR 1-2
Short Amplatz Right	
LA8SAR10	SAR 1.0
LA8SAR20	SAR 2.0
Shepherd's Crook Right	
LA8SCR35	SCR 3.5
LA8SCR40	SCR 4.0
LA8SCR50	SCR 5.0
Shepherd's Crook Backup Support	
LA8CHAMP10	Champ 1.0
LA8CHAMP15	Champ 1.5
Backup Support Right	
ECR Curves	
LA8ECR35	ECR 3.5
LA8ECR40	ECR 4.0
LA8ECR45	ECR 4.5
Champ	
LA8CHAMP10	Champ 1.0
LA8CHAMP15	Champ 1.5
LA8CHAMP20	Champ 2.0

Shaft diameter: 8F
Inner diameter: 0.090 in.
To order curves with sideholes, please add "SH" to end of model number.

Product Code	Curve Style
Other Curves	
Multipurpose	
LA8MB1	MB 1
LA8MB2	MB 2
LA8HSI	Hockey Stick I
LA8HSII	Hockey Stick II
LA8HSIII	Hockey Stick III
LA8ELGAMAL	El Gamal
M.A.C. (Multi-Aortic Curves)	
LA8MAC30	MAC 3.0
LA8MAC35	MAC 3.5
LA8MAC375	MAC 3.75
LA8MAC40	MAC 4.0
LA8MAC45	MAC 4.5
LA8MAC50	MAC 5.0
Bypass Grafts	
LA8LCB	LCB
LA8RCB	RCB
LA8RCBD	RCB (90 cm)
LA8IMA	IMA
LA8IMAD	IMA (90 cm)
Bypass Backup Support	
LA8CHAMP05	Champ 0.5
LA8CHAMP15	Champ 1.5
LA8CHAMP20	Champ 2.0

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