



99 pirkimo dalis. Hidrofiliniai koronariniai kateteriai nukreipėjai

Largest  
available  
5F lumen  
0.058"

# 5F LAUNCHER

## Guide Catheter

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

### 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 superior resistance to kinking and crushing.
- > Superior torque control ensures exact placement regardless of access site.

Minkštas pirminis segmentas, suteikianti gerą judesio kontrolę ir pozicijos stabilumą.

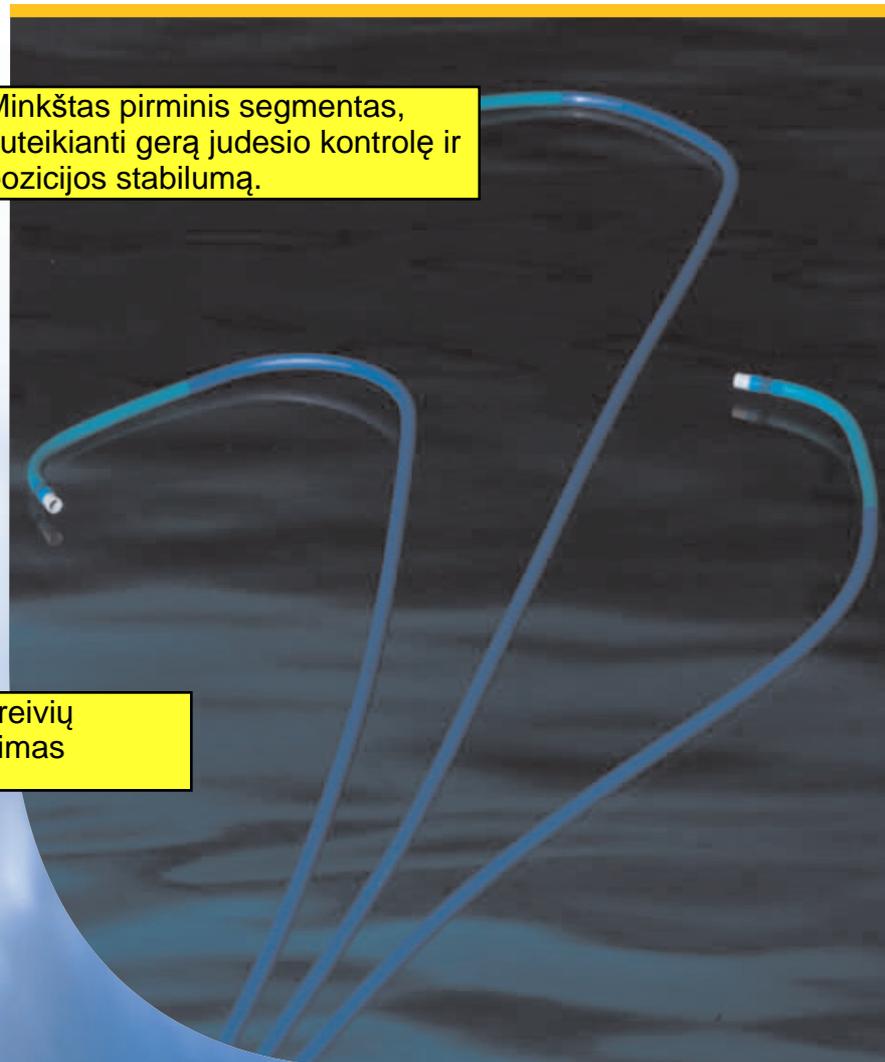
### Absolute Visualization

- > 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.

platus kreivių pasirinkimas



# 5F LAUNCHER

Ordering Information

Medtronic AVE Ordering Information  
Contact your Medtronic AVE sales representative

Product Code	Curve Style
<b>Left Coronary Curves</b>	
<b>Left Standard</b>	
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
<b>Short Left</b>	
LA5SL30	SL 3.0
LA5SL35	SL 3.5
LA5SL40	SL 4.0
LA5SL45	SL 4.5
LA5SL50	SL 5.0
LA5SL60	SL 6.0
<b>Amplatz Left</b>	
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
<b>Short Amplatz Left</b>	
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
<b>Backup Support Left</b>	
<b>EBU (Extra Backup)</b>	
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
<b>Right Coronary Curves</b>	
<b>Right Standard</b>	
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
<b>Short Right</b>	
LA5SR30	SR 3.0
LA5SR35	SR 3.5
LA5SR40	SR 4.0
LA5SR45	SR 4.5
LA5SR50	SR 5.0
LA5SR60	SR 6.0
<b>Amplatz Right</b>	
LA5AR10	AR 1.0
LA5AR20	AR 2.0
LA5ALR12	ALR 1-2
<b>Short Amplatz Right</b>	
LA5SAR10	SAR 1.0
LA5SAR20	SAR 2.0
<b>Shepherd's Crook Right</b>	
LA5SCR35	SCR 3.5
LA5SCR40	SCR 4.0
LA5SCR50	SCR 5.0
<b>Backup Support Right</b>	
<b>ECR Curves</b>	
LA5ECR35	ECR 3.5
LA5ECR40	ECR 4.0
LA5ECR45	ECR 4.5

Shaft diameter: 5F  
Inner diameter: 0.058 in.

Product Code	Curve Style
<b>Other Curves</b>	
<b>Multipurpose</b>	
LA5MB1	MB 1
LA5MB2	MB 2
LA5HSI	Hockey Stick I
LA5HSII	Hockey Stick II
LA5HSIII	Hockey Stick III
LA5ELGAMAL	El Gamal
<b>MAC (Multi-Aortic Curves)</b>	
LA5MAC30	MAC 3.0
LA5MAC35	MAC 3.5
LA5MAC375	MAC 3.75
LA5MAC40	MAC 4.0
LA5MAC45	MAC 4.5
LA5MAC50	MAC 5.0
<b>Bypass Grafts</b>	
LA5LCB	LCB
LA5RCB	RCB
LA5RCBII	RCBII
LA5RCBD	RCB (90 cm)
LA5IMA	IMA
LA5IMAD	IMA (90 cm)
<b>Champ</b>	
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
<b>Radial Curves</b>	
LA5MPST	MPST
LA5MRADIAL	MRADIAL
LA5HSREL	Hockey Stick Relaxed



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UVSCA 2014

**6F lumen  
0.071"**

# 6F Launcher™

## Guide Catheter

### 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 material from distal shaft to tip provides **exceptional radiopacity**.

### Launching a New Frontier

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

- > **Large 6F I.D. (0.071 in.)** provides broad product compatibility.
- > **Full Wall™ Technology** uses encapsulated flat-wire braid for a large lumen with optimal performance.

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



# Launcher Ordering Information

# Medtronic AVE Ordering Information

Contact your Medtronic AVE sales representative

Product Code	Curve Style
<b>Left Coronary Curves</b>	
<b>Left Standard</b>	
LAGJL30	JL 3 0
LAGJL35	JL 3 5
LAGJL40	JL 4 0
LAGJL45	JL 4 5
LAGJL50	JL 5 0
LAGJL60	JL 6 0
LAGJCL30	JCL 3 0
LAGJCL35	JCL 3 5
LAGJCL40	JCL 4 0
LAGJCL45	JCL 4 5
LAGJCL50	JCL 5 0
<b>Short Left</b>	
LAGSL30	SL 3 0
LAGSL35	SL 3 5
LAGSL40	SL 4 0
LAGSL45	SL 4 5
LAGSL50	SL 5 0
LAGSL60	SL 6 0
<b>Amplatz Left</b>	
LAGAL75	AL 75
LAGAL10	AL 1 0
LAGAL15	AL 1 5
LAGAL20	AL 2 0
LAGAL25	AL 2 5
LAGAL30	AL 3 0
LAGAL40	AL 4 0
<b>Short Amplatz Left</b>	
LAGSAL75	SAL 75
LAGSAL10	SAL 1 0
LAGSAL15	SAL 1 5
LAGSAL20	SAL 2 0
LAGSAL25	SAL 2 5
LAGSAL30	SAL 3 0
LAGSAL40	SAL 4 0
<b>Backup Support Left</b>	
<b>EBU™ (Extra Backup)</b>	
LAGEBU30	EBU 3 0
LAGEBU35	EBU 3 5
LAGEBU375	EBU 3 75
LAGEBU40	EBU 4 0
LAGEBU45	EBU 4 5
LAGEBU50	EBU 5 0

Product Code	Curve Style
<b>Right Coronary Curves</b>	
<b>Right Standard</b>	
LAGJR30	JR 3 0
LAGJR35	JR 3 5
LAGJR40	JR 4 0
LAGJR45	JR 4 5
LAGJR50	JR 5 0
LAGJR60	JR 6 0
LAGJCR35	JCR 3 5
LAGJCR40	JCR 4 0
LAGJCR45	JCR 4 5
LAGJCR50	JCR 5 0
<b>Short Right</b>	
LAGSR10	SR 3 0
LAGSR35	SR 3 5
LAGSR40	SR 4 0
LAGSR45	SR 4 5
LAGSR50	SR 5 0
LAGSR60	SR 6 0
<b>Amplatz Right</b>	
LAGAR10	AR 1 0
LAGAR20	AR 2 0
LAGALR12	ALR 1-2
<b>Short Amplatz Right</b>	
LAGSAR10	SAR 1 0
LAGSAR20	SAR 2 0
<b>Shepherd's Crook Right</b>	
LAGSCR35	SCR 3 5
LAGSCR40	SCR 4 0
LAGSCR50	SCR 5 0
<b>Backup Support Right</b>	
<b>ECR Curves</b>	
LAGECR35	ECR 3 5
LAGECR40	ECR 4 0
LAGECR45	ECR 4 5

Product Code	Curve Style
<b>Other Curves</b>	
<b>Multipurpose</b>	
LAGMB1	MB 1
LAGMB2	MB 2
LAGHSI	Hockey Stick I
LAGHSII	Hockey Stick II
LAGHSIII	Hockey Stick III
LAGELGAMAL	El Gamal
<b>MAC (Multi-Aortic Curves)</b>	
LAGMAC30	MAC 3 0
LAGMAC35	MAC 3 5
LAGMAC375	MAC 3 75
LAGMAC40	MAC 4 0
LAGMAC45	MAC 4 5
LAGMAC50	MAC 5 0
<b>Bypass Grafts</b>	
LAGLCB	LCB
LAGRCB	RCB
LAGRCBD	RCB (90 cm)
LAGIMA	IMA
LAGIMAD	IMA (90 cm)
<b>Champ</b>	
LAGCHAMP05	Champ 0 5
LAGCHAMP10	Champ 1 0
LAGCHAMP15	Champ 1 5
LAGCHAMP20	Champ 2 0
LAGCHAMP25	Champ 2 5
LAGCHAMP30	Champ 3 0
LAGCHAMP35	Champ 3 5
LAGCHAMP40	Champ 4 0

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



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Please reference appropriate product instructions for use for any indications, warnings and precautions.

For international use only; not for sale in the USA.

**7F Lumen  
0.081 in.**

# 7F Launcher

## Guide Catheter

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

### Optimal Balance Between Flexibility and Support

- > Primary curve specifically designed to **maintain shape** during long cases.
- > Secondary curve with **backup support** for delivering large-profile devices during challenging cases.

### Large Lumen Provides Versatility

- > Expanded device compatibility
  - 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.
- > New Vest-Tech nylon provides **exceptional radiopacity.**







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.

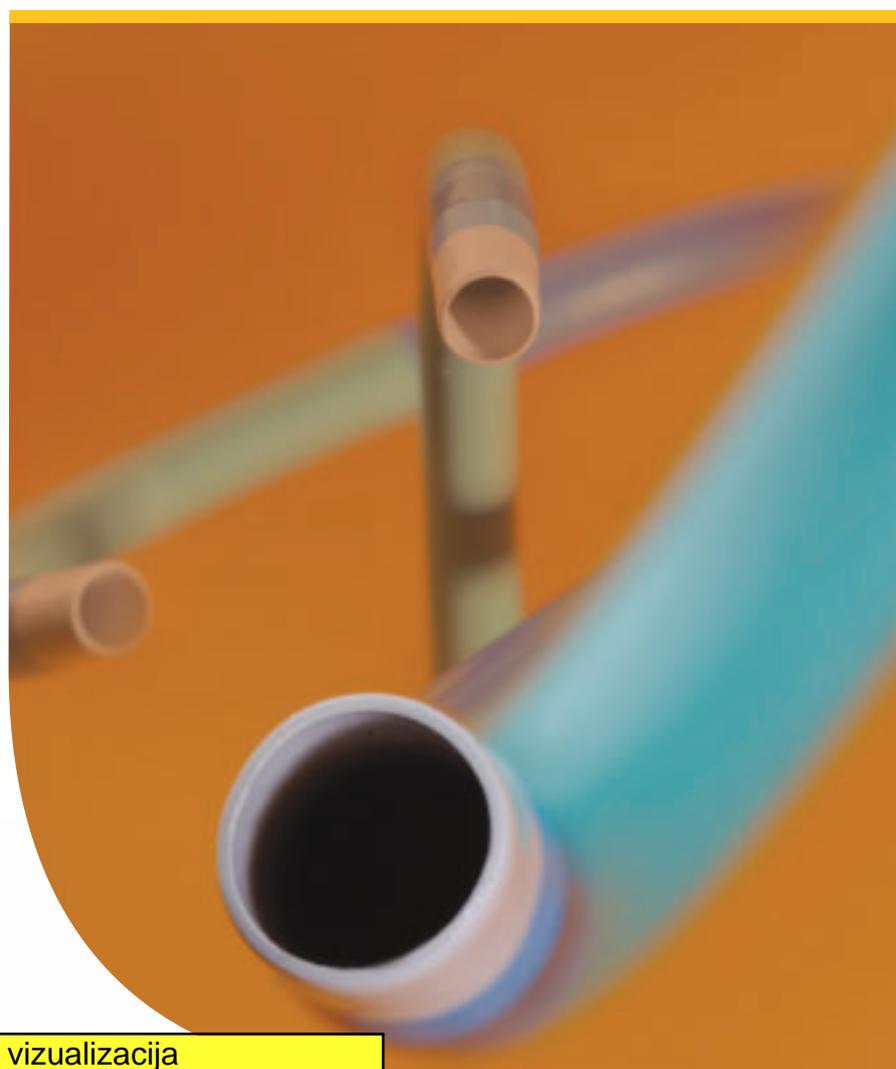
### Performance You Expect from a Large Lumen Guide

- > **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 Vest-Tech 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*



Absoliuti vizualizacija  
Galiukas yra labai minkštas ir  
rentgenokontrastinis

# 8F Launcher

Ordering Information

## Medtronic AVE Ordering Information

Contact your Medtronic AVE sales representative

Product Code	Curve Style
<b>Left Coronary Curves</b>	
<b>Left Standard</b>	
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
<b>Short Left</b>	
LA8SL30	SL 3.0
LA8SL35	SL 3.5
LA8SL40	SL 4.0
LA8SL45	SL 4.5
LA8SL50	SL 5.0
LA8SL60	SL 6.0
<b>Amplatz Left</b>	
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
<b>Short Amplatz Left</b>	
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
<b>Backup Support Left</b>	
<b>EBU (Extra Backup)</b>	
LA8EBU30	EBU 3.0
LA8EBU35	EBU 3.5
LA8EBU375	EBU 3.75
LA8EBU40	EBU 4.0
LA8EBU45	EBU 4.5
LA8EBU50	EBU 5.0
<b>Champ</b>	
LA8CHAMP25	Champ 2.5
LA8CHAMP30	Champ 3.0
LA8CHAMP35	Champ 3.5
LA8CHAMP40	Champ 4.0

Product Code	Curve Style
<b>Right Coronary Curves</b>	
<b>Right Standard</b>	
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
<b>Short Right</b>	
LA8SR30	SR 3.0
LA8SR35	SR 3.5
LA8SR40	SR 4.0
LA8SR45	SR 4.5
LA8SR50	SR 5.0
LA8SR60	SR 6.0
<b>Amplatz Right</b>	
LA8AR10	AR 1.0
LA8AR20	AR 2.0
LA8ALR12	ALR 1-2
<b>Short Amplatz Right</b>	
LA8SAR10	SAR 1.0
LA8SAR20	SAR 2.0
<b>Shepherd's Crook Right</b>	
LA8SCR35	SCR 3.5
LA8SCR40	SCR 4.0
LA8SCR50	SCR 5.0
<b>Shepherd's Crook Backup Support</b>	
LA8CHAMP10	Champ 1.0
LA8CHAMP15	Champ 1.5
<b>Backup Support Right</b>	
<b>ECR Curves</b>	
LA8ECR35	ECR 3.5
LA8ECR40	ECR 4.0
LA8ECR45	ECR 4.5
<b>Champ</b>	
LA8CHAMP10	Champ 1.0
LA8CHAMP15	Champ 1.5
LA8CHAMP20	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
<b>Other Curves</b>	
<b>Multipurpose</b>	
LA8MB1	MB 1
LA8MB2	MB 2
LA8HSI	Hockey Stick I
LA8HSII	Hockey Stick II
LA8HSIII	Hockey Stick III
LA8ELGAMAL	El Gamal
<b>M.A.C. (Multi-Aortic Curves)</b>	
LA8MAC30	MAC 3.0
LA8MAC35	MAC 3.5
LA8MAC375	MAC 3.75
LA8MAC40	MAC 4.0
LA8MAC45	MAC 4.5
LA8MAC50	MAC 5.0
<b>Bypass Grafts</b>	
LA8LCB	LCB
LA8RCB	RCB
LA8RCBD	RCB (90 cm)
LA8IMA	IMA
LA8IMAD	IMA (90 cm)
<b>Bypass Backup Support</b>	
LA8CHAMP05	Champ 0.5
LA8CHAMP15	Champ 1.5
LA8CHAMP20	Champ 2.0

Kink-free  
guarantee\*



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# Guiding catheters

OVERVIEW

# Launcher® 5F

CORONARY GUIDE CATHETER

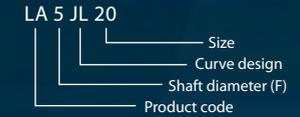
Guiding Catheters

## Techninė specifikacija

### TECHNICAL SPECIFICATIONS

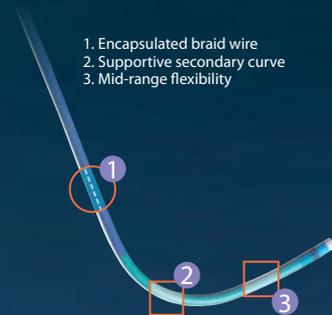
Shaft diameter	5F
Inner diameter	0.058"
Packaging unit (PU)	1 or 5 (only standard curves)

### PRODUCT CODE



Example: Launcher 5F, Curve Design „Left Standard“, Size 2.0

## LAUNCHER



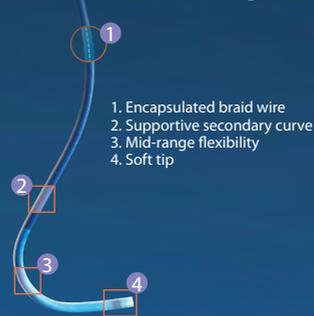
1. Encapsulated braid wire
2. Supportive secondary curve
3. Mid-range flexibility

## SHERPA NX ACTIVE



1. Encapsulated braid wire
2. Supportive secondary curve
3. Active flexibility
4. Soft tip

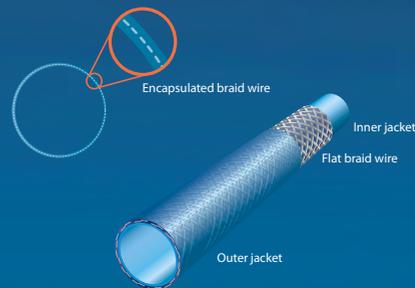
## SHERPA NX BALANCED



1. Encapsulated braid wire
2. Supportive secondary curve
3. Mid-range flexibility
4. Soft tip

## FULL-WALL-TECHNOLOGY GUIDE CATHETER DESIGN

- The embedded flat wire mesh allows thinner sturdy walls without compromising support or stability
- Designed for large lumina and increased flexibility without compromising support
  1. Lateral holes are available for all curves
  2. Specially manufactured curves are also available



## LEFT CORONARY CURVE

Backup Support left

Left Standard	Short left	JCL	Amplatz left	Short Amplatz left	EBU
LA5JL20	LA5SL30	LA5JCL15	LA5AL75	LA55AL75	LA5EBU20
LA5JL30	LA5SL35	LA5JCL30	LA5AL10	LA55AL10	LA5EBU30
LA5JL35	LA5SL40	LA5JCL35	LA5AL15	LA55AL15	LA5EBU35
LA5JL40	LA5SL45	LA5JCL40	LA5AL20	LA55AL20	LA5EBU375
LA5JL45	LA5SL50	LA5JCL45	LA5AL25	LA55AL25	LA5EBU40
LA5JL50	LA5SL60	LA5JCL50	LA5AL30	LA55AL30	LA5EBU45
LA5JL60			LA5AL40	LA55AL40	LA5EBU50

## RIGHT CORONARY CURVE

Right Standard	Short right	JCR	Amplatz right	Shepherd's Crook right	Backup Support right
LA5JR30	LA5SR30	LA5JCR35	LA5AR10	LA5SCR35	LA5RBU35
LA5JR35	LA5SR35	LA5JCR40	LA5AR20	LA5SCR40	LA5RBU40
LA5JR40	LA5SR40	LA5JCR45	LA5ALR12	LA5SCR50	
LA5JR45	LA5SR45	LA5JCR50			FCR
LA5JR50	LA5SR50		Short Amplatz right		LA5ECR35
LA5JR60	LA5SR60		LA55AR10		LA5ECR40
			LA55AR20		LA5ECR45
					3-Dimensional LA53DRIGHT

## OTHER CURVES

Multipurpose	MAC (Multi-Aortic)	Bypass	Champ	Radial Specialty	NOTO
LA5MB1	LA5MAC30	LA5IMA	LA5CHAMP05	LA5LARA	LA5NOTO
LA5MB2	LA5MAC35	LA5IMAD	LA5CHAMP10	LA5MRADIAL	
LA5MPST	LA5MAC375	LA5LCB	LA5CHAMP15	LA5MRESS	
LA5HSI	LA5MAC40	LA5RCB	LA5CHAMP20	LA5RRAD	
LA5HSII	LA5MAC45	LA5RCBII	LA5CHAMP25		EL GAMAL
LA5HSIII	LA5MAC50	LA5RCBD	LA5CHAMP30		LA5ELGAMAL
LA5HSREL			LA5CHAMP35		
			LA5CHAMP40		

D\* = 90cm Shaft length

K+ = 55cm Shaft length

W++ = 47cm Shaft length

Under continuous product development program, Medtronic reserves the right to modify specifications without prior notice

# Launcher® 6F

CORONARY GUIDE CATHETER

# Launcher® 7F

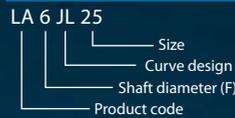
CORONARY GUIDE CATHETER

Guiding Catheters

## TECHNICAL SPECIFICATIONS

Shaft diameter	6F
Inner diameter	0.071"
Packaging unit (PU)	1 or 5 (only standard curves)

## PRODUCT CODE



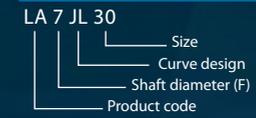
All guide catheters are also available with optional side holes (SH). Please add "SH" to the Ref. N° for this option.

Example: Launcher 6F, Curve Design „Left Standard“, Size 2.5

## TECHNICAL SPECIFICATIONS

Shaft diameter	7F
Inner diameter	0.080"
Packaging unit (PU)	1 or 5 (only standard curves)

## PRODUCT CODE



All guide catheters are also available with optional side holes (SH). Please add "SH" to the Ref. N° for this option.

Example: Launcher 7F, Curve Design „Left Standard“, Size 3.0

## LEFT CORONARY CURVE

Backup Support left

Left Standard (JL)	Short left (SL)	JCL	Amplatz left	Short Amplatz left	EBU
LA6JL25	LA6SL30	LA6JCL30	LA6AL75	LA6SAL75	LA6EBU30
LA6JL30	LA6SL35	LA6JCL35	LA6AL10	LA6SAL10	LA6EBU325
LA6JL35	LA6SL40	LA6JCL40	LA6AL15	LA6SAL15	LA6EBU35
LA6JL40	LA6SL45	LA6JCL45	LA6AL175	LA6SAL20	LA6EBU375
LA6JL45	LA6SL50	LA6JCL50	LA6AL20	LA6SAL25	LA6EBU40
LA6JL50	LA6SL60		LA6AL25	LA6SAL30	LA6EBU45
LA6JL60			LA6AL30	LA6SAL40	LA6EBU50
			LA6AL40		
			LA6AL50		

## RIGHT CORONARY CURVE

Right Standard	Short right	JCR	Amplatz right	Shepherd's Crook right	Backup Support right
LA6JR30	LA6SR30	LA6JCR35	LA6AR10	LA6SCR35	LA6RBU35
LA6JR35	LA6SR35	LA6JCR40	LA6AR20	LA6SCR40	LA6RBU40
LA6JR40	LA6SR40	LA6JCR45	LA6ALR12	LA6SCR50	LA6RBU45
LA6JR45	LA6SR45	LA6JCR50			
LA6JR50	LA6SR50		Short Amplatz right		ECR
LA6JR60	LA6SR60		LA6SAR10		LA6ECR30
			LA6SAR20		LA6ECR35
					LA6ECR40
					LA6ECR45
					3-Dimensional
					LA63DRC
					LA63DRIGHT

## OTHER CURVES

Multipurpose	MAC (Multi-Aortic)	Bypass	Champ	Peripheral	Radial Specialty
LA6MB1	LA6MAC30	LA6LCB	LA6CHAMP05	LA6CHAMP15K+	LA6LARA
LA6MB2	LA6MAC35	LA6LCBD*	LA6CHAMP10	LA6CHAMP20K+	LA6MRADIAL
LA6MP1	LA6MAC375	LA6RCB	LA6CHAMP15	LA6CHAMP25K+	LA6MRESS
LA6MP2	LA6MAC40	LA6RCBD*	LA6CHAMP20	LA6IMAK+	LA6RRAD
LA6MPST	LA6MAC45	LA6RCBII	LA6CHAMP25	LA6JR40K+	
LA6HSI	LA6MAC50	LA6IMA	LA6CHAMP30	LA6MP1K+	NOTO
LA6HSII		LA6IMAD*	LA6CHAMP35	LA6MPHK+	LA6NOTO
LA6RMHSII			LA6CHAMP40	LA6PK1W++	
LA6HSIII				LA6RDCK+	EL GAMAL
					LA6ELGAMAL

D\* = 90cm Shaft length

K+ = 55cm Shaft length

W++ = 47cm Shaft length

## LEFT CORONARY CURVE

Backup Support left

Left Standard (JL)	Short left (SL)	JCL	Amplatz left	Short Amplatz left	EBU
LA7JL30	LA7SL30	LA7JCL30	LA7AL75	LA7SAL75	LA7EBU30
LA7JL35	LA7SL35	LA7JCL35	LA7AL10	LA7SAL10	LA7EBU30D*
LA7JL40	LA7SL40	LA7JCL40	LA7AL10D*	LA7SAL15	LA7EBU35
LA7JL40D*	LA7SL45	LA7JCL45	LA7AL15	LA7SAL20	LA7EBU35D*
LA7JL45	LA7SL50	LA7JCL50	LA7AL20	LA7SAL25	LA7EBU375
LA7JL50	LA7SL60		LA7AL20D*	LA7SAL30	LA7EBU40
LA7JL60			LA7AL25	LA7SAL40	LA7EBU40D*
			LA7AL30		LA7EBU45
			LA7AL40		LA7EBU50

## RIGHT CORONARY CURVE

Right Standard	Short right	JCR	Amplatz right	Shepherd's Crook right	Backup Support right
LA7JR30	LA7SR30	LA7JCR35	LA7AR10	LA7SCR35	LA7RBU35
LA7JR35	LA7SR35	LA7JCR40	LA7AR10D*	LA7SCR40	LA7RBU40
LA7JR40	LA7SR40	LA7JCR45	LA7AR20	LA7SCR50	
LA7JR40D*	LA7SR45	LA7JCR50	LA7AR20D*		
LA7JR45	LA7SR50		LA7ALR12		ECR
LA7JR50	LA7SR60				LA7ECR35
LA7JR60					LA7ECR40
			Short Amplatz right		LA7ECR45
			LA7SAR10		
			LA7SAR20		
					3-Dimensional
					LA73DRC
					LA73DRIGHT

## OTHER CURVES

Multipurpose	MAC (Multi-Aortic)	Bypass	Champ	Peripheral	NOTO
LA7HSI	LA7MAC30	LA7IMA	LA7CHAMP05	LA7CHAMP15K+	LA7NOTO
LA7HSII	LA7MAC35	LA7IMAD*	LA7CHAMP05D*	LA7CHAMP20K+	
LA7RMHSII	LA7MAC375	LA7LCB	LA7CHAMP10	LA7CHAMP25K+	
LA7HSIII	LA7MAC40	LA7LCBD*	LA7CHAMP10D*	LA7IMAK+	EL GAMAL
LA7HSIV	LA7MAC45	LA7RCB	LA7CHAMP15	LA7JR40K+	LA7ELGAMAL
LA7MB1	LA7MAC50	LA7RCBD*	LA7CHAMP20	LA7MPHK+	
LA7MB2		LA7RCBII	LA7CHAMP25	LA7MP1K+	
LA7MP1			LA7CHAMP30	LA7MPHK+	
LA7MP1D*			LA7CHAMP35	LA7PK1W++	
LA7MPST			LA7CHAMP40	LA7RDCK+	
				LA7SCR40K+	
				LA7STRD*	

D\* = 90cm Shaft length

K+ = 55cm Shaft length

W++ = 47cm Shaft length

# Launcher® 8F

CORONARY GUIDE CATHETER

# Sherpa NX Active 5F

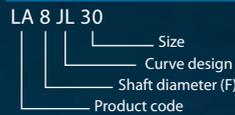
CORONARY GUIDE CATHETER

Guiding Catheters

## TECHNICAL SPECIFICATIONS

Shaft diameter	8F
Inner diameter	0.090"
Packaging unit (PU)	1 or 5 (only standard curves)

## PRODUCT CODE



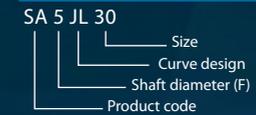
All guide catheters are also available with optional side holes (SH). Please add "SH" to the Ref. N° for this option.

Example: Launcher 8F, Curve Design „Left Standard“, Size 3.5

## TECHNICAL SPECIFICATIONS

Shaft diameter	5F
Inner diameter	0.058"
Packaging unit (PU)	1 or 5 (only standard curves)

## PRODUCT CODE



All guide catheters are also available with optional side holes (SH). Please add "SH" to the Ref. N° for this option.

Example: Sherpa Active 5F, Curve Design „Left Standard“, Size 3.0

## LEFT CORONARY CURVE

Backup Support left

Left Standard (JL)	Short left (SL)	JCL	Amplatz left	Short Amplatz left	EBU
LA8JL30	LA8SL30	LA8JCL30	LA8AL75	LA8SAL75	LA8EBU30
LA8JL35	LA8SL35	LA8JCL35	LA8AL10	LA8SAL10	LA8EBU35
LA8JL40	LA8SL40	LA8JCL35D*	LA8AL10D*	LA8SAL15	LA8EBU35D*
LA8JL40D*	LA8SL45	LA8JCL40	LA8AL15	LA8SAL20	LA8EBU375
LA8JL45	LA8SL50	LA8JCL40D*	LA8AL20	LA8SAL25	LA8EBU40
LA8JL50	LA8SL60	LA8JCL45	LA8AL20D*	LA8SAL30	LA8EBU40D*
LA8JL60		LA8JCL45D*	LA8AL25	LA8SAL40	LA8EBU45
LA8JL70		LA8JCL50	LA8AL30		LA8EBU50
LA8JL80			LA8AL40		
			LA8AL40D*		
			LA8AL50		

## LEFT CORONARY CURVE

Backup Support left

Left Standard (JL)	Short left (SL)	JCL	Amplatz left	Short Amplatz left	EBU
SA5JL30	SA5SL30	SA5JCL15	SA5AL75	SA5SAL75	SA5EBU20
SA5JL35	SA5SL35	SA5JCL30	SA5AL10	SA5SAL10	SA5EBU30
SA5JL40	SA5SL40	SA5JCL35	SA5AL15	SA5SAL15	SA5EBU35
SA5JL45	SA5SL45	SA5JCL40	SA5AL20	SA5SAL20	SA5EBU375
SA5JL50	SA5SL50	SA5JCL45	SA5AL25	SA5SAL25	SA5EBU40
SA5JL60	SA5SL60	SA5JCL50	SA5AL30	SA5SAL30	SA5EBU45
			SA5AL40	SA5SAL40	SA5EBU50

## RIGHT CORONARY CURVE

Right Standard	Short right	JCR	Amplatz right	Shepherd's Crook right	Backup Support right
LA8JR30	LA8SR30	LA8JCR35	LA8AR10	LA8SCR35	LA8RBU35
LA8JR35	LA8SR35	LA8JCR40	LA8AR20	LA8SCR40	LA8RBU40
LA8JR35D	LA8SR40	LA8JCR45	LA8ALR12	LA8SCR50	LA8RBU40D
LA8JR40	LA8SR45	LA8JCR50			
LA8JR40D	LA8SR50				ECR
LA8JR45	LA8SR60				LA8ECR35
LA8JR50					LA8ECR40
LA8JR60			Short Amplatz right		LA8ECR45
			LA8SAR10		
			LA8SAR20		
					3-Dimensional
					LA83DRC

## RIGHT CORONARY CURVE

Right Standard	Short right	JCR	Amplatz right	Shepherd's Crook right	Backup Support right
SA5JR30	SA5SR30	SA5JCR35	SA5AR10	SA5SCR35	SA5RBU35
SA5JR35	SA5SR35	SA5JCR40	SA5AR20	SA5SCR40	SA5RBU40
SA5JR40	SA5SR40	SA5JCR45	SA5ALR12	SA5SCR50	
SA5JR45	SA5SR50	SA5JCR50			ECR
SA5JR50	SA5SR60		Short Amplatz right		SA5ECR35
SA5JR60			SA5SAR10		SA5ECR40
			SA5SAR20		SA5ECR45
					3-Dimensional
					SA53DRIGHT

## OTHER CURVES

Multipurpose	MAC (Multi-Aortic)	Bypass	Champ	Peripheral	NOTO
LA8HSI	LA8MAC30	LA8IMA	LA8CHAMP05	LA8CARL3D*	LA8NOTO
LA8HSII	LA8MAC35	LA8IMAD*	LA8CHAMP10	LA8CARLD*	
LA8RMHSII	LA8MAC375	LA8LCB	LA8CHAMP15	LA8CHAMP15K+	
LA8HSIII	LA8MAC40	LA8LCBD*	LA8CHAMP20	LA8CHAMP20K+	
LA8MB1	LA8MAC45	LA8RCB	LA8CHAMP25	LA8CHAMP25K+	
LA8MB1D*	LA8MAC50	LA8RCBD*	LA8CHAMP30	LA8IMAK+	
LA8MB2		LA8RCBII	LA8CHAMP35	LA8JR40K+	
LA8MB2D*			LA8CHAMP40	LA8MP1K+	EL GAMAL
LA8MP1				LA8MPHK+	LA8ELGAMAL
LA8MPST				LA8PK1W++	LA8ELGAMAL2
				LA8RDCK+	LA8ELGAMAL3
				LA8SCR40K+	
				LA8STRD*	
				LA8STRK+	
				LA8SW1	
				LA8SW1D*	

## OTHER CURVES

Multipurpose	MAC (Multi-Aortic)	Bypass	Champ	Radial Specialty	NOTO
SA5HSI	SA5MAC30	SA5IMA	SA5CHAMP05	SA5LARA	SA5NOTO
SA5HSII	SA5MAC35	SA5IMAD*	SA5CHAMP10	SA5MIRADIAL	
SA5HSREL	SA5MAC375	SA5LCB	SA5CHAMP15	SA5MRESS	
SA5HSIII	SA5MAC40	SA5RCB	SA5CHAMP20	SA5RAD1	
SA5MB1	SA5MAC45	SA5RCBD*	SA5CHAMP25	SA5RAD2	EL GAMAL
SA5MB1STP	SA5MAC50	SA5RCBII	SA5CHAMP30	SA5RRAD	SA6ELGAMAL
SA5MB2			SA5CHAMP35		
SA5MP1			SA5CHAMP40		
SA5MPST					

D\* = 90cm Shaft length

K+ = 55cm Shaft length

W++ = 47cm Shaft length

D\* = 90cm Shaft length

K+ = 55cm Shaft length

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