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VAS-PASS®

Nylon shaft

Frictionless outer surface
prevents thrombus

Soft tip

Minimize vessel injury

Radiopaque marker band

For enhanced visualization

Coaxial segments

Excellent torsion control
and maneuverability

GUIDING CATHETER



304V Stainless steel braiding

Less pitch size offers phenomenal support
and kink resistance



Large lumen design

Maximize contrast flow and device compatibility



PTFE inner tube design

Providing superb pushability when support
device delivering



18mm flexible distal segment

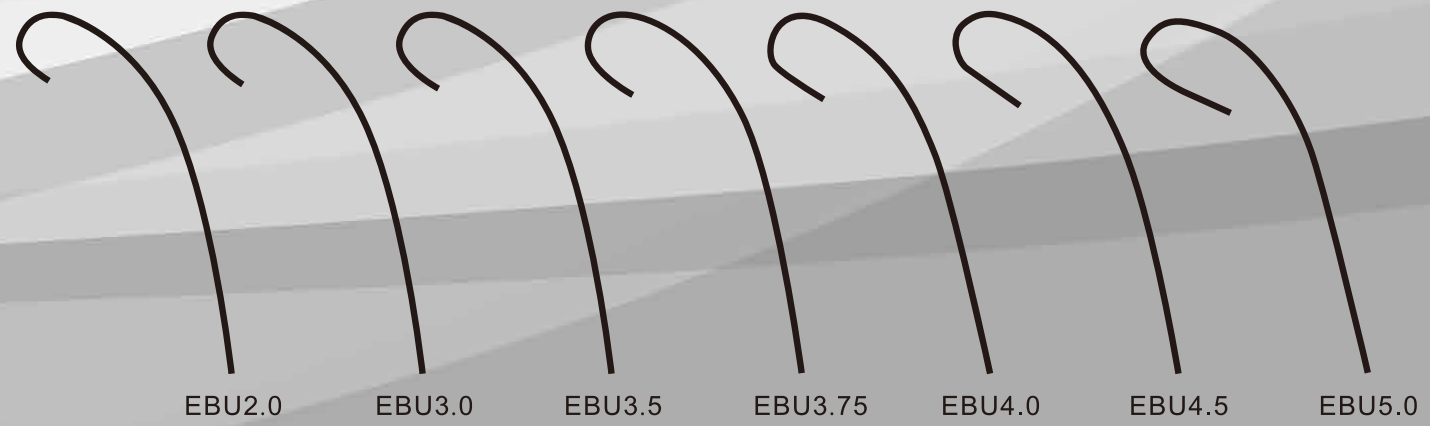
Ensure perfect transition from distal to proximal end,
providing excellent steerability and torque control

GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
EXTRA BACKUP(EBU)						
GCEBU205F	5	EBU2.0	0. 0578"(1.47mm)	100 cm	/	5F EBU2.0
GCEBU205FH	5	EBU2.0	0. 0578"(1.47mm)	100 cm	2	5F EBU2.0 Side Hole
GCEBU305F	5	EBU3.0	0. 0578"(1.47mm)	100 cm	/	5F EBU3.0
GCEBU305FH	5	EBU3.0	0. 0578"(1.47mm)	100 cm	2	5F EBU3.0 Side Hole
GCEBU355F	5	EBU3.5	0. 0578"(1.47mm)	100 cm	/	5F EBU3.5
GCEBU355FH	5	EBU3.5	0. 0578"(1.47mm)	100 cm	2	5F EBU3.5 Side Hole
GCEBU3755F	5	EBU3.75	0. 0578"(1.47mm)	100 cm	/	5F EBU3.75
GCEBU3755FH	5	EBU3.75	0. 0578"(1.47mm)	100 cm	2	5F EBU3.75 Side Hole
GCEBU405F	5	EBU4.0	0. 0578"(1.47mm)	100 cm	/	5F EBU4.0
GCEBU405FH	5	EBU4.0	0. 0578"(1.47mm)	100 cm	2	5F EBU4.0 Side Hole
GCEBU455F	5	EBU4.5	0. 0578"(1.47mm)	100 cm	/	5F EBU4.5
GCEBU455FH	5	EBU4.5	0. 0578"(1.47mm)	100 cm	2	5F EBU4.5 Side Hole
GCEBU505F	5	EBU5.0	0. 0578"(1.47mm)	100 cm	/	5F EBU5.0
GCEBU505FH	5	EBU5.0	0. 0578"(1.47mm)	100 cm	2	5F EBU5.0 Side Hole
GCEBU206F	6	EBU2.0	0. 0708"(1.80mm)	100 cm	/	6F EBU2.0
GCEBU206FH	6	EBU2.0	0. 0708"(1.80mm)	100 cm	2	6F EBU2.0 Side Hole
GCEBU306F	6	EBU3.0	0. 0708"(1.80mm)	100 cm	/	6F EBU3.0
GCEBU306FH	6	EBU3.0	0. 0708"(1.80mm)	100 cm	2	6F EBU3.0 Side Hole
GCEBU356F	6	EBU3.5	0. 0708"(1.80mm)	100 cm	/	6F EBU3.5
GCEBU356FH	6	EBU3.5	0. 0708"(1.80mm)	100 cm	2	6F EBU3.5 Side Hole
GCEBU3756F	6	EBU3.75	0. 0708"(1.80mm)	100 cm	/	6F EBU3.75
GCEBU3756FH	6	EBU3.75	0. 0708"(1.80mm)	100 cm	2	6F EBU3.75 Side Hole
GCEBU406F	6	EBU4.0	0. 0708"(1.80mm)	100 cm	/	6F EBU4.0
GCEBU406FH	6	EBU4.0	0. 0708"(1.80mm)	100 cm	2	6F EBU4.0 Side Hole
GCEBU456F	6	EBU4.5	0. 0708"(1.80mm)	100 cm	/	6F EBU4.5
GCEBU456FH	6	EBU4.5	0. 0708"(1.80mm)	100 cm	2	6F EBU4.5 Side Hole
GCEBU506F	6	EBU5.0	0. 0708"(1.80mm)	100 cm	/	6F EBU5.0
GCEBU506FH	6	EBU5.0	0. 0708"(1.80mm)	100 cm	2	6F EBU5.0 Side Hole
GCEBU207F	7	EBU2.0	0. 0807"(2.05mm)	100 cm	/	7F EBU2.0
GCEBU207FH	7	EBU2.0	0. 0807"(2.05mm)	100 cm	2	7F EBU2.0 Side Hole
GCEBU307F	7	EBU3.0	0. 0807"(2.05mm)	100 cm	/	7F EBU3.0
GCEBU307FH	7	EBU3.0	0. 0807"(2.05mm)	100 cm	2	7F EBU3.0 Side Hole
GCEBU357F	7	EBU3.5	0. 0807"(2.05mm)	100 cm	/	7F EBU3.5
GCEBU357FH	7	EBU3.5	0. 0807"(2.05mm)	100 cm	2	7F EBU3.5 Side Hole
GCEBU3757F	7	EBU3.75	0. 0807"(2.05mm)	100 cm	/	7F EBU3.75
GCEBU3757FH	7	EBU3.75	0. 0807"(2.05mm)	100 cm	2	7F EBU3.75 Side Hole
GCEBU407F	7	EBU4.0	0. 0807"(2.05mm)	100 cm	/	7F EBU4.0
GCEBU407FH	7	EBU4.0	0. 0807"(2.05mm)	100 cm	2	7F EBU4.0 Side Hole
GCEBU457F	7	EBU4.5	0. 0807"(2.05mm)	100 cm	/	7F EBU4.5
GCEBU457FH	7	EBU4.5	0. 0807"(2.05mm)	100 cm	2	7F EBU4.5 Side Hole
GCEBU507F	7	EBU5.0	0. 0807"(2.05mm)	100 cm	/	7F EBU5.0
GCEBU507FH	7	EBU5.0	0. 0807"(2.05mm)	100 cm	2	7F EBU5.0 Side Hole

GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
EXTRA BACKUP(EBU)						
GCEBU208F	8	EBU2.0	0. 0897"(2.28mm)	100 cm	/	8F EBU2.0
GCEBU208FH	8	EBU2.0	0. 0897"(2.28mm)	100 cm	2	8F EBU2.0 Side Hole
GCEBU308F	8	EBU3.0	0. 0897"(2.28mm)	100 cm	/	8F EBU3.0
GCEBU308FH	8	EBU3.0	0. 0897"(2.28mm)	100 cm	2	8F EBU3.0 Side Hole
GCEBU358F	8	EBU3.5	0. 0897"(2.28mm)	100 cm	/	8F EBU3.5
GCEBU358FH	8	EBU3.5	0. 0897"(2.28mm)	100 cm	2	8F EBU3.5 Side Hole
GCEBU3758F	8	EBU3.75	0. 0897"(2.28mm)	100 cm	/	8F EBU3.75
GCEBU3758FH	8	EBU3.75	0. 0897"(2.28mm)	100 cm	2	8F EBU3.75 Side Hole
GCEBU408F	8	EBU4.0	0. 0897"(2.28mm)	100 cm	/	8F EBU4.0
GCEBU408FH	8	EBU4.0	0. 0897"(2.28mm)	100 cm	2	8F EBU4.0 Side Hole
GCEBU458F	8	EBU4.5	0. 0897"(2.28mm)	100 cm	/	8F EBU4.5
GCEBU458FH	8	EBU4.5	0. 0897"(2.28mm)	100 cm	2	8F EBU4.5 Side Hole
GCEBU508F	8	EBU5.0	0. 0897"(2.28mm)	100 cm	/	8F EBU5.0
GCEBU508FH	8	EBU5.0	0. 0897"(2.28mm)	100 cm	2	8F EBU5.0 Side Hole

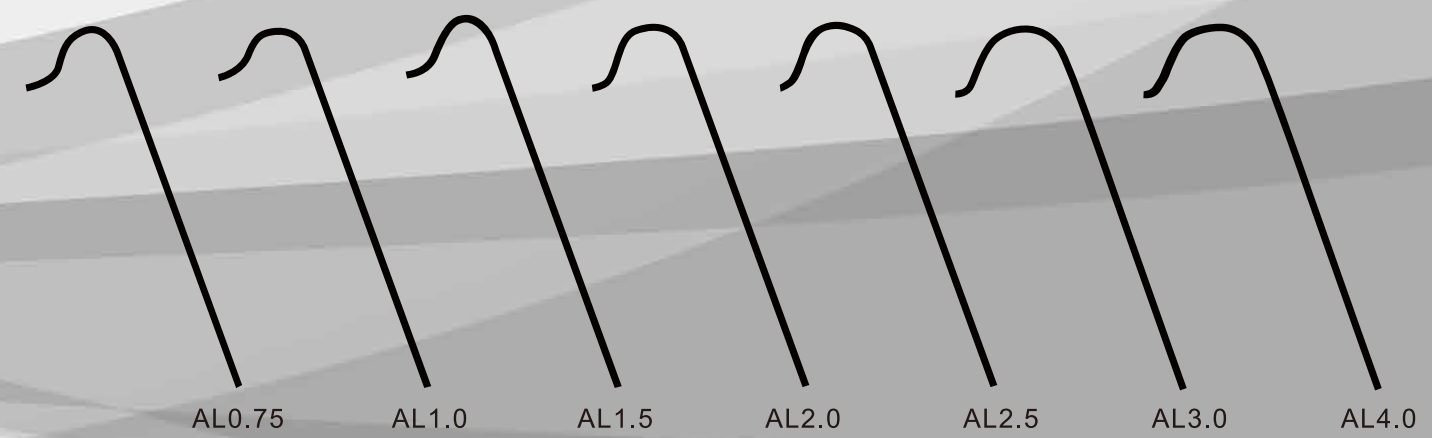


GUIDING CATHETER

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
AMPLATZ LEFT(AL)						
GCAL755F	5	AL0.75	0. 0578"(1.47mm)	100 cm	/	5F AL0.75
GCAL755FH	5	AL0.75	0. 0578"(1.47mm)	100 cm	2	5F AL0.75 Side Hole
GCAL105F	5	AL1.0	0. 0578"(1.47mm)	100 cm	/	5F AL1.0
GCAL105FH	5	AL1.0	0. 0578"(1.47mm)	100 cm	2	5F AL1.0 Side Hole
GCAL155F	5	AL1.5	0. 0578"(1.47mm)	100 cm	/	5F AL1.5
GCAL155FH	5	AL1.5	0. 0578"(1.47mm)	100 cm	2	5F AL1.5 Side Hole
GCAL205F	5	AL2.0	0. 0578"(1.47mm)	100 cm	/	5F AL2.0
GCAL205FH	5	AL2.0	0. 0578"(1.47mm)	100 cm	2	5F AL2.0 Side Hole
GCAL255F	5	AL2.5	0. 0578"(1.47mm)	100 cm	/	5F AL2.5
GCAL255FH	5	AL2.5	0. 0578"(1.47mm)	100 cm	2	5F AL2.5 Side Hole
GCAL305F	5	AL3.0	0. 0578"(1.47mm)	100 cm	/	5F AL3.0
GCAL305FH	5	AL3.0	0. 0578"(1.47mm)	100 cm	2	5F AL3.0 Side Hole
GCAL405F	5	AL4.0	0. 0578"(1.47mm)	100 cm	/	5F AL4.0
GCAL405FH	5	AL4.0	0. 0578"(1.47mm)	100 cm	2	5F AL4.0 Side Hole
GCAL756F	6	AL0.75	0. 0708"(1.80mm)	100 cm	/	6F AL0.75
GCAL756FH	6	AL0.75	0. 0708"(1.80mm)	100 cm	2	6F AL0.75 Side Hole
GCAL106F	6	AL1.0	0. 0708"(1.80mm)	100 cm	/	6F AL1.0
GCAL106FH	6	AL1.0	0. 0708"(1.80mm)	100 cm	2	6F AL1.0 Side Hole
GCAL156F	6	AL1.5	0. 0708"(1.80mm)	100 cm	/	6F AL1.5
GCAL156FH	6	AL1.5	0. 0708"(1.80mm)	100 cm	2	6F AL1.5 Side Hole
GCAL206F	6	AL2.0	0. 0708"(1.80mm)	100 cm	/	6F AL2.0
GCAL206FH	6	AL2.0	0. 0708"(1.80mm)	100 cm	2	6F AL2.0 Side Hole
GCAL256F	6	AL2.5	0. 0708"(1.80mm)	100 cm	/	6F AL2.5
GCAL256FH	6	AL2.5	0. 0708"(1.80mm)	100 cm	2	6F AL2.5 Side Hole
GCAL306F	6	AL3.0	0. 0708"(1.80mm)	100 cm	/	6F AL3.0
GCAL306FH	6	AL3.0	0. 0708"(1.80mm)	100 cm	2	6F AL3.0 Side Hole
GCAL406F	6	AL4.0	0. 0708"(1.80mm)	100 cm	/	6F AL4.0
GCAL406FH	6	AL4.0	0. 0708"(1.80mm)	100 cm	2	6F AL4.0 Side Hole
GCAL757F	7	AL0.75	0. 0807"(2.05mm)	100 cm	/	7F AL0.75
GCAL757FH	7	AL0.75	0. 0807"(2.05mm)	100 cm	2	7F AL0.75 Side Hole
GCAL107F	7	AL1.0	0. 0807"(2.05mm)	100 cm	/	7F AL1.0
GCAL107FH	7	AL1.0	0. 0807"(2.05mm)	100 cm	2	7F AL1.0 Side Hole
GCAL157F	7	AL1.5	0. 0807"(2.05mm)	100 cm	/	7F AL1.5
GCAL157FH	7	AL1.5	0. 0807"(2.05mm)	100 cm	2	7F AL1.5 Side Hole
GCAL207F	7	AL2.0	0. 0807"(2.05mm)	100 cm	/	7F AL2.0
GCAL207FH	7	AL2.0	0. 0807"(2.05mm)	100 cm	2	7F AL2.0 Side Hole
GCAL257F	7	AL2.5	0. 0807"(2.05mm)	100 cm	/	7F AL2.5
GCAL257FH	7	AL2.5	0. 0807"(2.05mm)	100 cm	2	7F AL2.5 Side Hole
GCAL307F	7	AL3.0	0. 0807"(2.05mm)	100 cm	/	7F AL3.0
GCAL307FH	7	AL3.0	0. 0807"(2.05mm)	100 cm	2	7F AL3.0 Side Hole
GCAL407F	7	AL4.0	0. 0807"(2.05mm)	100 cm	/	7F AL4.0
GCAL407FH	7	AL4.0	0. 0807"(2.05mm)	100 cm	2	7F AL4.0 Side Hole

GUIDING CATHETER

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
AMPLATZ LEFT(AL)						
GCAL758F	8	AL0.75	0. 0897"(2.28mm)	100 cm	/	8F AL0.75
GCAL758FH	8	AL0.75	0. 0897"(2.28mm)	100 cm	2	8F AL0.75 Side Hole
GCAL108F	8	AL1.0	0. 0897"(2.28mm)	100 cm	/	8F AL1.0
GCAL108FH	8	AL1.0	0. 0897"(2.28mm)	100 cm	2	8F AL1.0 Side Hole
GCAL158F	8	AL1.5	0. 0897"(2.28mm)	100 cm	/	8F AL1.5
GCAL158FH	8	AL1.5	0. 0897"(2.28mm)	100 cm	2	8F AL1.5 Side Hole
GCAL208F	8	AL2.0	0. 0897"(2.28mm)	100 cm	/	8F AL2.0
GCAL208FH	8	AL2.0	0. 0897"(2.28mm)	100 cm	2	8F AL2.0 Side Hole
GCAL258F	8	AL2.5	0. 0897"(2.28mm)	100 cm	/	8F AL2.5
GCAL258FH	8	AL2.5	0. 0897"(2.28mm)	100 cm	2	8F AL2.5 Side Hole
GCAL308F	8	AL3.0	0. 0897"(2.28mm)	100 cm	/	8F AL3.0
GCAL308FH	8	AL3.0	0. 0897"(2.28mm)	100 cm	2	8F AL3.0 Side Hole
GCAL408F	8	AL4.0	0. 0897"(2.28mm)	100 cm	/	8F AL4.0
GCAL408FH	8	AL4.0	0. 0897"(2.28mm)	100 cm	2	8F AL4.0 Side Hole

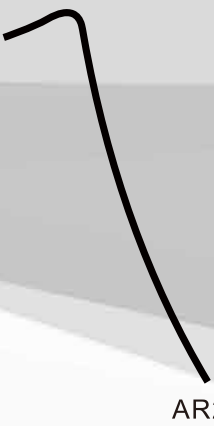


GUIDING CATHETER

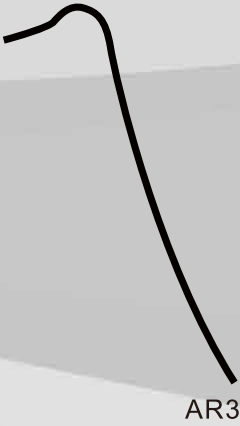
Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
AMPLATZ RIGHT(AR)						
GCAR105F	5	AR1.0	0. 0578"(1.47mm)	100 cm	/	5F AR1.0
GCAR105FH	5	AR1.0	0. 0578"(1.47mm)	100 cm	2	5F AR1.0 Side Hole
GCAR205F	5	AR2.0	0. 0578"(1.47mm)	100 cm	/	5F AR2.0
GCAR205FH	5	AR2.0	0. 0578"(1.47mm)	100 cm	2	5F AR2.0 Side Hole
GCAR305F	5	AR3.0	0. 0578"(1.47mm)	100 cm	/	5F AR3.0
GCAR305FH	5	AR3.0	0. 0578"(1.47mm)	100 cm	2	5F AR3.0 Side Hole
GCAR106F	6	AR1.0	0. 0708"(1.80mm)	100 cm	/	6F AR1.0
GCAR106FH	6	AR1.0	0. 0708"(1.80mm)	100 cm	2	6F AR1.0 Side Hole
GCAR206F	6	AR2.0	0. 0708"(1.80mm)	100 cm	/	6F AR2.0
GCAR206FH	6	AR2.0	0. 0708"(1.80mm)	100 cm	2	6F AR2.0 Side Hole
GCAR306F	6	AR3.0	0. 0708"(1.80mm)	100 cm	/	6F AR3.0
GCAR306FH	6	AR3.0	0. 0708"(1.80mm)	100 cm	2	6F AR3.0 Side Hole
GCAR107F	7	AR1.0	0. 0807"(2.05mm)	100 cm	/	7F AR1.0
GCAR107FH	7	AR1.0	0. 0807"(2.05mm)	100 cm	2	7F AR1.0 Side Hole
GCAR207F	7	AR2.0	0. 0807"(2.05mm)	100 cm	/	7F AR2.0
GCAR207FH	7	AR2.0	0. 0807"(2.05mm)	100 cm	2	7F AR2.0 Side Hole
GCAR307F	7	AR3.0	0. 0807"(2.05mm)	100 cm	/	7F AR3.0
GCAR307FH	7	AR3.0	0. 0807"(2.05mm)	100 cm	2	7F AR3.0 Side Hole
GCAR108F	8	AR1.0	0. 0897"(2.28mm)	100 cm	/	8F AR1.0
GCAR108FH	8	AR1.0	0. 0897"(2.28mm)	100 cm	2	8F AR1.0 Side Hole
GCAR208F	8	AR2.0	0. 0897"(2.28mm)	100 cm	/	8F AR2.0
GCAR208FH	8	AR2.0	0. 0897"(2.28mm)	100 cm	2	8F AR2.0 Side Hole
GCAR308F	8	AR3.0	0. 0897"(2.28mm)	100 cm	/	8F AR3.0
GCAR308FH	8	AR3.0	0. 0897"(2.28mm)	100 cm	2	8F AR3.0 Side Hole



AR1



AR2



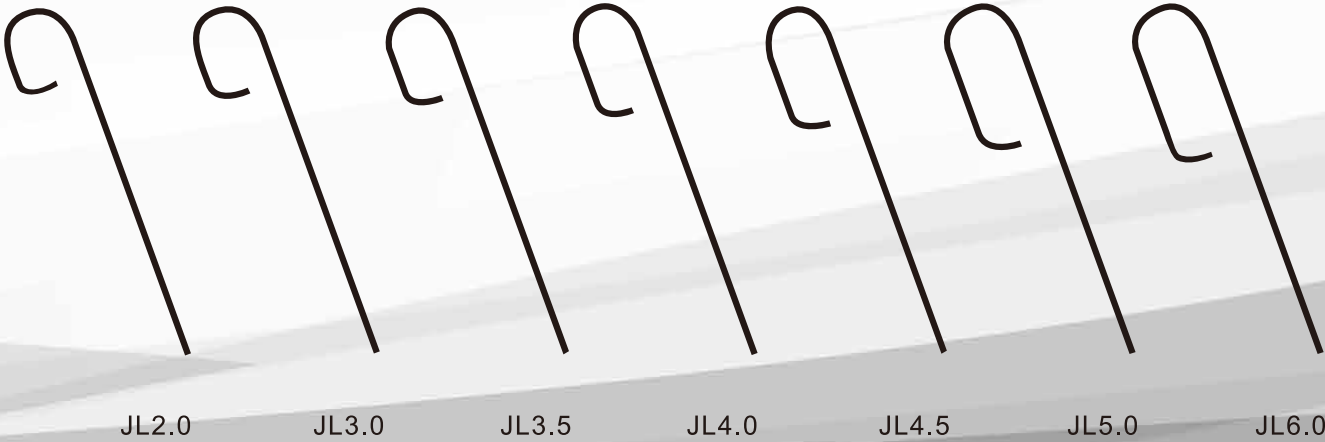
AR3

GUIDING CATHETER

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
JUDKINS LEFT(JL)						
GCJL205F	5	JL2.0	0. 0578"(1.47mm)	100 cm	/	5F JL2.0
GCJL305F	5	JL3.0	0. 0578"(1.47mm)	100 cm	/	5F JL3.0
GCJL355F	5	JL3.5	0. 0578"(1.47mm)	100 cm	/	5F JL3.5
GCJL355FH	5	JL3.5	0. 0578"(1.47mm)	100 cm	2	5F JL3.5 Side Hole
GCJL405F	5	JL4.0	0. 0578"(1.47mm)	100 cm	/	5F JL4.0
GCJL405FH	5	JL4.0	0. 0578"(1.47mm)	100 cm	2	5F JL4.0 Side Hole
GCJL455F	5	JL4.5	0. 0578"(1.47mm)	100 cm	/	5F JL4.5
GCJL505F	5	JL5.0	0. 0578"(1.47mm)	100 cm	/	5F JL5.0
GCJL505FH	5	JL5.0	0. 0578"(1.47mm)	100 cm	2	5F JL5.0 Side Hole
GCJL605F	5	JL6.0	0. 0578"(1.47mm)	100 cm	/	5F JL6.0
GCJL206F	6	JL2.0	0. 0708"(1.80mm)	100 cm	/	6F JL2.0
GCJL306F	6	JL3.0	0. 0708"(1.80mm)	100 cm	/	6F JL3.0
GCJL356F	6	JL3.5	0. 0708"(1.80mm)	100 cm	/	6F JL3.5
GCJL356FH	6	JL3.5	0. 0708"(1.80mm)	100 cm	2	6F JL3.5 Side Hole
GCJL406F	6	JL4.0	0. 0708"(1.80mm)	100 cm	/	6F JL4.0
GCJL406FH	6	JL4.0	0. 0708"(1.80mm)	100 cm	2	6F JL4.0 Side Hole
GCJL456F	6	JL4.5	0. 0708"(1.80mm)	100 cm	/	6F JL4.5
GCJL506F	6	JL5.0	0. 0708"(1.80mm)	100 cm	/	6F JL5.0
GCJL506FH	6	JL5.0	0. 0708"(1.80mm)	100 cm	2	6F JL5.0 Side Hole
GCJL606F	6	JL6.0	0. 0708"(1.80mm)	100 cm	/	6F JL6.0
GCJL207F	7	JL2.0	0. 0807"(2.05mm)	100 cm	/	7F JL2.0
GCJL307F	7	JL3.0	0. 0807"(2.05mm)	100 cm	/	7F JL3.0
GCJL357F	7	JL3.5	0. 0807"(2.05mm)	100 cm	/	7F JL3.5
GCJL357FH	7	JL3.5	0. 0807"(2.05mm)	100 cm	2	7F JL3.5 Side Hole
GCJL407F	7	JL4.0	0. 0807"(2.05mm)	100 cm	/	7F JL4.0
GCJL407FH	7	JL4.0	0. 0807"(2.05mm)	100 cm	2	7F JL4.0 Side Hole
GCJL457F	7	JL4.5	0. 0807"(2.05mm)	100 cm	/	7F JL4.5
GCJL507F	7	JL5.0	0. 0807"(2.05mm)	100 cm	/	7F JL5.0
GCJL507FH	7	JL5.0	0. 0807"(2.05mm)	100 cm	2	7F JL5.0 Side Hole
GCJL607F	7	JL6.0	0. 0807"(2.05mm)	100 cm	/	7F JL6.0

GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
JUDKINS LEFT(JL)						
GCJL208F	8	JL2.0	0. 0897"(2.28mm)	100 cm	/	8F JL2.0
GCJL308F	8	JL3.0	0. 0897"(2.28mm)	100 cm	/	8F JL3.0
GCJL358F	8	JL3.5	0. 0897"(2.28mm)	100 cm	/	8F JL3.5
GCJL358FH	8	JL3.5	0. 0897"(2.28mm)	100 cm	2	8F JL3.5 Side Hole
GCJL408F	8	JL4.0	0. 0897"(2.28mm)	100 cm	/	8F JL4.0
GCJL408FH	8	JL4.0	0. 0897"(2.28mm)	100 cm	2	8F JL4.0 Side Hole
GCJL458F	8	JL4.5	0. 0897"(2.28mm)	100 cm	/	8F JL4.5
GCJL508F	8	JL5.0	0. 0897"(2.28mm)	100 cm	/	8F JL5.0
GCJL508FH	8	JL5.0	0. 0897"(2.28mm)	100 cm	2	8F JL5.0 Side Hole
GCJL608F	8	JL6.0	0. 0897"(2.28mm)	100 cm	/	8F JL6.0



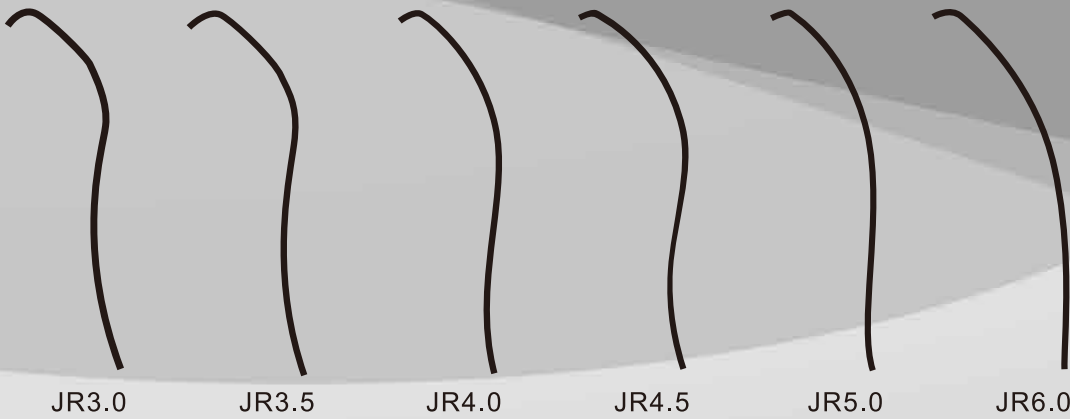
Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
JUDKINS RIGHT(JR)						
GCJR305F	5	JR3.0	0. 0578"(1.47mm)	100 cm	/	5F JR3.0
GCJR355F	5	JR3.5	0. 0578"(1.47mm)	100 cm	/	5F JR3.5
GCJR405F	5	JR4.0	0. 0578"(1.47mm)	100 cm	/	5F JR4.0
GCJR405FH	5	JR4.0	0. 0578"(1.47mm)	100 cm	2	5F JR4.0 Side Hole
GCJR455F	5	JR4.5	0. 0578"(1.47mm)	100 cm	/	5F JR4.5
GCJR455FH	5	JR4.5	0. 0578"(1.47mm)	100 cm	2	5F JR4.5 Side Hole
GCJR505F	5	JR5.0	0. 0578"(1.47mm)	100 cm	/	5F JR5.0
GCJR505FH	5	JR5.0	0. 0578"(1.47mm)	100 cm	2	5F JR5.0 Side Hole
GCJR605F	5	JR6.0	0. 0578"(1.47mm)	100 cm	/	5F JR6.0

GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
JUDKINS RIGHT(JR)						
GCJR306F	6	JR3.0	0. 0708"(1.80mm)	100 cm	/	6F JR3.0
GCJR356F	6	JR3.5	0. 0708"(1.80mm)	100 cm	/	6F JR3.5
GCJR406F	6	JR4.0	0. 0708"(1.80mm)	100 cm	/	6F JR4.0
GCJR406FH	6	JR4.0	0. 0708"(1.80mm)	100 cm	2	6F JR4.0 Side Hole
GCJR456F	6	JR4.5	0. 0708"(1.80mm)	100 cm	/	6F JR4.5
GCJR456FH	6	JR4.5	0. 0708"(1.80mm)	100 cm	2	6F JR4.5 Side Hole
GCJR506F	6	JR5.0	0. 0708"(1.80mm)	100 cm	/	6F JR5.0
GCJR506FH	6	JR5.0	0. 0708"(1.80mm)	100 cm	2	6F JR5.0 Side Hole
GCJR606F	6	JR6.0	0. 0708"(1.80mm)	100 cm	/	6F JR6.0

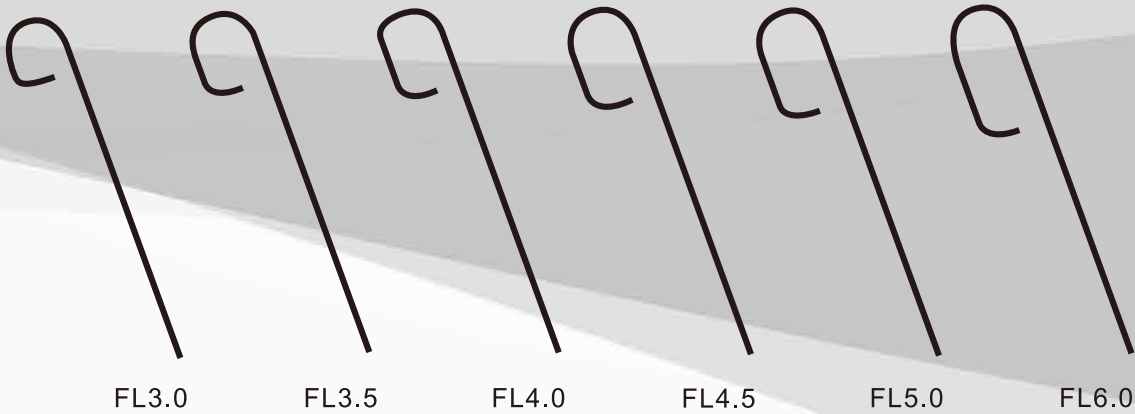
GCJR307F	7	JR3.0	0. 0807"(2.05mm)	100 cm	/	7F JR3.0
GCJR357F	7	JR3.5	0. 0807"(2.05mm)	100 cm	/	7F JR3.5
GCJR407F	7	JR4.0	0. 0807"(2.05mm)	100 cm	/	7F JR4.0
GCJR407FH	7	JR4.0	0. 0807"(2.05mm)	100 cm	2	7F JR4.0 Side Hole
GCJR457F	7	JR4.5	0. 0807"(2.05mm)	100 cm	/	7F JR4.5
GCJR457FH	7	JR4.5	0. 0807"(2.05mm)	100 cm	2	7F JR4.5 Side Hole
GCJR507F	7	JR5.0	0. 0807"(2.05mm)	100 cm	/	7F JR5.0
GCJR507FH	7	JR5.0	0. 0807"(2.05mm)	100 cm	2	7F JR5.0 Side Hole
GCJR607F	7	JR6.0	0. 0807"(2.05mm)	100 cm	/	7F JR6.0

GCJR308F	8	JR3.0	0. 0897"(2.28mm)	100 cm	/	8F JR3.0
GCJR358F	8	JR3.5	0. 0897"(2.28mm)	100 cm	/	8F JR3.5
GCJR408F	8	JR4.0	0. 0897"(2.28mm)	100 cm	/	8F JR4.0
GCJR408FH	8	JR4.0	0. 0897"(2.28mm)	100 cm	2	8F JR4.0 Side Hole
GCJR458F	8	JR4.5	0. 0897"(2.28mm)	100 cm	/	8F JR4.5
GCJR458FH	8	JR4.5	0. 0897"(2.28mm)	100 cm	2	8F JR4.5 Side Hole
GCJR508F	8	JR5.0	0. 0897"(2.28mm)	100 cm	/	8F JR5.0
GCJR508FH	8	JR5.0	0. 0897"(2.28mm)	100 cm	2	8F JR5.0 Side Hole
GCJR608F	8	JR6.0	0. 0897"(2.28mm)	100 cm	/	8F JR6.0



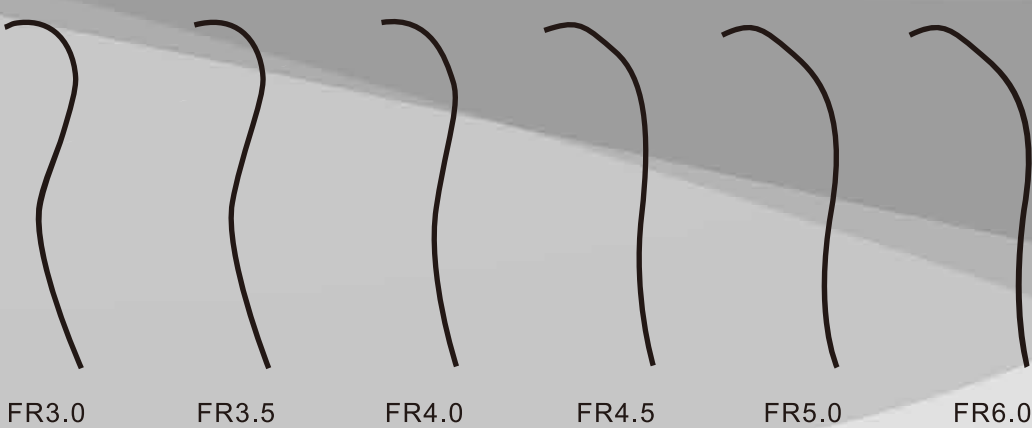
GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
FEMORAL LEFT(FL)						
GCFL305F	5	FL3.0	0. 0578"(1.47mm)	100 cm	/	5F FL3.0
GCFL355F	5	FL3.5	0. 0578"(1.47mm)	100 cm	/	5F FL3.5
GCFL405F	5	FL4.0	0. 0578"(1.47mm)	100 cm	/	5F FL4.0
GCFL455F	5	FL4.5	0. 0578"(1.47mm)	100 cm	/	5F FL4.5
GCFL505F	5	FL5.0	0. 0578"(1.47mm)	100 cm	/	5F FL5.0
GCFL605F	5	FL6.0	0. 0578"(1.47mm)	100 cm	/	5F FL6.0
GCFL306F	6	FL3.0	0. 0708"(1.80mm)	100 cm	/	6F FL3.0
GCFL356F	6	FL3.5	0. 0708"(1.80mm)	100 cm	/	6F FL3.5
GCFL406F	6	FL4.0	0. 0708"(1.80mm)	100 cm	/	6F FL4.0
GCFL456F	6	FL4.5	0. 0708"(1.80mm)	100 cm	/	6F FL4.5
GCFL506F	6	FL5.0	0. 0708"(1.80mm)	100 cm	/	6F FL5.0
GCFL606F	6	FL6.0	0. 0708"(1.80mm)	100 cm	/	6F FL6.0
GCFL307F	7	FL3.0	0. 0807"(2.05mm)	100 cm	/	7F FL3.0
GCFL357F	7	FL3.5	0. 0807"(2.05mm)	100 cm	/	7F FL3.5
GCFL407F	7	FL4.0	0. 0807"(2.05mm)	100 cm	/	7F FL4.0
GCFL457F	7	FL4.5	0. 0807"(2.05mm)	100 cm	/	7F FL4.5
GCFL507F	7	FL5.0	0. 0807"(2.05mm)	100 cm	/	7F FL5.0
GCFL607F	7	FL6.0	0. 0807"(2.05mm)	100 cm	/	7F FL6.0
GCFL308F	8	FL3.0	0. 0897"(2.28mm)	100 cm	/	8F FL3.0
GCFL358F	8	FL3.5	0. 0897"(2.28mm)	100 cm	/	8F FL3.5
GCFL408F	8	FL4.0	0. 0897"(2.28mm)	100 cm	/	8F FL4.0
GCFL458F	8	FL4.5	0. 0897"(2.28mm)	100 cm	/	8F FL4.5
GCFL508F	8	FL5.0	0. 0897"(2.28mm)	100 cm	/	8F FL5.0
GCFL608F	8	FL6.0	0. 0897"(2.28mm)	100 cm	/	8F FL6.0



GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
FEMORAL RIGHT(FR)						
GCFR305F	5	FR3.0	0. 0578"(1.47mm)	100 cm	/	5F FR3.0
GCFR355F	5	FR3.5	0. 0578"(1.47mm)	100 cm	/	5F FR3.5
GCFR405F	5	FR4.0	0. 0578"(1.47mm)	100 cm	/	5F FR4.0
GCFR455F	5	FR4.5	0. 0578"(1.47mm)	100 cm	/	5F FR4.5
GCFR505F	5	FR5.0	0. 0578"(1.47mm)	100 cm	/	5F FR5.0
GCFR605F	5	FR6.0	0. 0578"(1.47mm)	100 cm	/	5F FR6.0
GCFR306F	6	FR3.0	0. 0708"(1.80mm)	100 cm	/	6F FR3.0
GCFR356F	6	FR3.5	0. 0708"(1.80mm)	100 cm	/	6F FR3.5
GCFR406F	6	FR4.0	0. 0708"(1.80mm)	100 cm	/	6F FR4.0
GCFR456F	6	FR4.5	0. 0708"(1.80mm)	100 cm	/	6F FR4.5
GCFR506F	6	FR5.0	0. 0708"(1.80mm)	100 cm	/	6F FR5.0
GCFR606F	6	FR6.0	0. 0708"(1.80mm)	100 cm	/	6F FR6.0
GCFR307F	7	FR3.0	0. 0807"(2.05mm)	100 cm	/	7F FR3.0
GCFR357F	7	FR3.5	0. 0807"(2.05mm)	100 cm	/	7F FR3.5
GCFR407F	7	FR4.0	0. 0807"(2.05mm)	100 cm	/	7F FR4.0
GCFR457F	7	FR4.5	0. 0807"(2.05mm)	100 cm	/	7F FR4.5
GCFR507F	7	FR5.0	0. 0807"(2.05mm)	100 cm	/	7F FR5.0
GCFR607F	7	FR6.0	0. 0807"(2.05mm)	100 cm	/	7F FR6.0
GCFR308F	8	FR3.0	0. 0897"(2.28mm)	100 cm	/	8F FR3.0
GCFR358F	8	FR3.5	0. 0897"(2.28mm)	100 cm	/	8F FR3.5
GCFR408F	8	FR4.0	0. 0897"(2.28mm)	100 cm	/	8F FR4.0
GCFR458F	8	FR4.5	0. 0897"(2.28mm)	100 cm	/	8F FR4.5
GCFR508F	8	FR5.0	0. 0897"(2.28mm)	100 cm	/	8F FR5.0
GCFR608F	8	FR6.0	0. 0897"(2.28mm)	100 cm	/	8F FR6.0



GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
LEFT CORONARY BYPASS(LCB)						
GCLCB5F	5	LCB	0. 0578"(1.47mm)	100 cm	/	5F LCB
GCLCB5FH	5	LCB	0. 0578"(1.47mm)	100 cm	2	5F LCB Side Hole
GCLCB6F	6	LCB	0. 0708"(1.80mm)	100 cm	/	6F LCB
GCLCB6FH	6	LCB	0. 0708"(1.80mm)	100 cm	2	6F LCB Side Hole
GCLCB7F	7	LCB	0. 0807"(2.05mm)	100 cm	/	7F LCB
GCLCB7FH	7	LCB	0. 0807"(2.05mm)	100 cm	2	7F LCB Side Hole
GCLCB8F	8	LCB	0. 0897"(2.28mm)	100 cm	/	8F LCB
GCLCB8FH	8	LCB	0. 0897"(2.28mm)	100 cm	2	8F LCB Side Hole

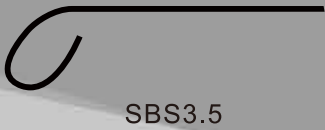
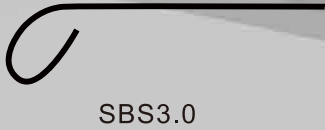


Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
RIGHT CORONARY BYPASS(RCB)						
GCRCB5F	5	RCB	0. 0578"(1.47mm)	100 cm	/	5F RCB
GCRCB5FH	5	RCB	0. 0578"(1.47mm)	100 cm	2	5F RCB Side Hole
GCRCB6F	6	RCB	0. 0708"(1.80mm)	100 cm	/	6F RCB
GCRCB6FH	6	RCB	0. 0708"(1.80mm)	100 cm	2	6F RCB Side Hole
GCRCB7F	7	RCB	0. 0807"(2.05mm)	100 cm	/	7F RCB
GCRCB7FH	7	RCB	0. 0807"(2.05mm)	100 cm	2	7F RCB Side Hole
GCRCB8F	8	RCB	0. 0897"(2.28mm)	100 cm	/	8F RCB
GCRCB8FH	8	RCB	0. 0897"(2.28mm)	100 cm	2	8F RCB Side Hole



GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
SUPER BACK UP SUPPORT(SBS)						
GCSBS305F	5	SBS3.0	0. 0578"(1.47mm)	100 cm	/	5F SBS3.0
GCSBS305FH	5	SBS3.0	0. 0578"(1.47mm)	100 cm	2	5F SBS3.0 Side Hole
GCSBS355F	5	SBS3.5	0. 0578"(1.47mm)	100 cm	/	5F SBS3.5
GCSBS355FH	5	SBS3.5	0. 0578"(1.47mm)	100 cm	2	5F SBS3.5 Side Hole
GCSBS405F	5	SBS4.0	0. 0578"(1.47mm)	100 cm	/	5F SBS4.0
GCSBS405FH	5	SBS4.0	0. 0578"(1.47mm)	100 cm	2	5F SBS4.0 Side Hole
GCSBS306F	6	SBS3.0	0. 0708"(1.80mm)	100 cm	/	6F SBS3.0
GCSBS306FH	6	SBS3.0	0. 0708"(1.80mm)	100 cm	2	6F SBS3.0 Side Hole
GCSBS356F	6	SBS3.5	0. 0708"(1.80mm)	100 cm	/	6F SBS3.5
GCSBS356FH	6	SBS3.5	0. 0708"(1.80mm)	100 cm	2	6F SBS3.5 Side Hole
GCSBS406F	6	SBS4.0	0. 0708"(1.80mm)	100 cm	/	6F SBS4.0
GCSBS406FH	6	SBS4.0	0. 0708"(1.80mm)	100 cm	2	6F SBS4.0 Side Hole
GCSBS307F	7	SBS3.0	0. 0807"(2.05mm)	100 cm	/	7F SBS3.0
GCSBS307FH	7	SBS3.0	0. 0807"(2.05mm)	100 cm	2	7F SBS3.0 Side Hole
GCSBS357F	7	SBS3.5	0. 0807"(2.05mm)	100 cm	/	7F SBS3.5
GCSBS357FH	7	SBS3.5	0. 0807"(2.05mm)	100 cm	2	7F SBS3.5 Side Hole
GCSBS407F	7	SBS4.0	0. 0807"(2.05mm)	100 cm	/	7F SBS4.0
GCSBS407FH	7	SBS4.0	0. 0807"(2.05mm)	100 cm	2	7F SBS4.0 Side Hole
GCSBS308F	8	SBS3.0	0. 0897"(2.28mm)	100 cm	/	8F SBS3.0
GCSBS308FH	8	SBS3.0	0. 0897"(2.28mm)	100 cm	2	8F SBS3.0 Side Hole
GCSBS358F	8	SBS3.5	0. 0897"(2.28mm)	100 cm	/	8F SBS3.5
GCSBS358FH	8	SBS3.5	0. 0897"(2.28mm)	100 cm	2	8F SBS3.5 Side Hole
GCSBS408F	8	SBS4.0	0. 0897"(2.28mm)	100 cm	/	8F SBS4.0
GCSBS408FH	8	SBS4.0	0. 0897"(2.28mm)	100 cm	2	8F SBS4.0 Side Hole



GUIDING CATHETER

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
SHEPHERD'S CROOK RIGHT(SCR)						
GCSCR355F	5	SCR3.5	0. 0578"(1.47mm)	100 cm	/	5F SCR3.5
GCSCR405F	5	SCR4.0	0. 0578"(1.47mm)	100 cm	/	5F SCR4.0
GCSCR505F	5	SCR5.0	0. 0578"(1.47mm)	100 cm	/	5F SCR5.0
GCSCR356F	6	SCR3.5	0. 0708"(1.80mm)	100 cm	/	6F SCR3.5
GCSCR406F	6	SCR4.0	0. 0708"(1.80mm)	100 cm	/	6F SCR4.0
GCSCR506F	6	SCR5.0	0. 0708"(1.80mm)	100 cm	/	6F SCR5.0
GCSCR357F	7	SCR3.5	0. 0807"(2.05mm)	100 cm	/	7F SCR3.5
GCSCR407F	7	SCR4.0	0. 0807"(2.05mm)	100 cm	/	7F SCR4.0
GCSCR507F	7	SCR5.0	0. 0807"(2.05mm)	100 cm	/	7F SCR5.0
GCSCR358F	8	SCR3.5	0. 0897"(2.28mm)	100 cm	/	8F SCR3.5
GCSCR408F	8	SCR4.0	0. 0897"(2.28mm)	100 cm	/	8F SCR4.0
GCSCR508F	8	SCR5.0	0. 0897"(2.28mm)	100 cm	/	8F SCR5.0



SCR3.5



SCR4.0



SCR5.0

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
INTERNAL MAMMARY(IM)						
GCIM5F	5	IM	0. 0578"(1.47mm)	100 cm	/	5F IM
GCIM5FH	5	IM	0. 0578"(1.47mm)	100 cm	2	5F IM Side Hole
GCIM6F	6	IM	0. 0708"(1.80mm)	100 cm	/	6F IM
GCIM6FH	6	IM	0. 0708"(1.80mm)	100 cm	2	6F IM Side Hole
GCIM7F	7	IM	0. 0807"(2.05mm)	100 cm	/	7F IM
GCIM7FH	7	IM	0. 0807"(2.05mm)	100 cm	2	7F IM Side Hole
GCIM8F	8	IM	0. 0897"(2.28mm)	100 cm	/	8F IM
GCIM8FH	8	IM	0. 0897"(2.28mm)	100 cm	2	8F IM Side Hole



IM

GUIDING CATHETER

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
RIGHT CORONARY BACKUP SUPPORT (ECR)						
GCECR355F	5	ECR3.5	0. 0578"(1.47mm)	100 cm	/	5F ECR3.5
GCECR405F	5	ECR4.0	0. 0578"(1.47mm)	100 cm	/	5F ECR4.0
GCECR455F	5	ECR4.5	0. 0578"(1.47mm)	100 cm	/	5F ECR4.5
GCECR505F	5	ECR5.0	0. 0578"(1.47mm)	100 cm	/	5F ECR5.0
GCECR356F	6	ECR3.5	0. 0708"(1.80mm)	100 cm	/	6F ECR3.5
GCECR406F	6	ECR4.0	0. 0708"(1.80mm)	100 cm	/	6F ECR4.0
GCECR456F	6	ECR4.5	0. 0708"(1.80mm)	100 cm	/	6F ECR4.5
GCECR506F	6	ECR5.0	0. 0708"(1.80mm)	100 cm	/	6F ECR5.0
GCECR357F	7	ECR3.5	0. 0807"(2.05mm)	100 cm	/	7F ECR3.5
GCECR407F	7	ECR4.0	0. 0807"(2.05mm)	100 cm	/	7F ECR4.0
GCECR457F	7	ECR4.5	0. 0807"(2.05mm)	100 cm	/	7F ECR4.5
GCECR507F	7	ECR5.0	0. 0807"(2.05mm)	100 cm	/	7F ECR5.0
GCECR358F	8	ECR3.5	0. 0897"(2.28mm)	100 cm	/	8F ECR3.5
GCECR408F	8	ECR4.0	0. 0897"(2.28mm)	100 cm	/	8F ECR4.0
GCECR458F	8	ECR4.5	0. 0897"(2.28mm)	100 cm	/	8F ECR4.5
GCECR508F	8	ECR5.0	0. 0897"(2.28mm)	100 cm	/	8F ECR5.0



ECR3.5



ECR4.0



ECR4.5



ECR5.0

Ref.No.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
MULTI-AORTIC CURVE(MAC)						
GCMAC305F	5	MAC3.0	0. 0578"(1.47mm)	100 cm	/	5F MAC3.0
GCMAC306F	6	MAC3.0	0. 0708"(1.80mm)	100 cm	/	6F MAC3.0
GCMAC307F	7	MAC3.0	0. 0807"(2.05mm)	100 cm	/	7F MAC3.0
GCMAC308F	8	MAC3.0	0. 0897"(2.28mm)	100 cm	/	8F MAC3.0



MAC3.0

GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
EXTRA BACKUP(XB)						
GCXB305F	5	XB3.0	0. 0578"(1.47mm)	100 cm	/	5F XB3.0
GCXB355F	5	XB3.5	0. 0578"(1.47mm)	100 cm	/	5F XB3.5
GCXB405F	5	XB4.0	0. 0578"(1.47mm)	100 cm	/	5F XB4.0
GCXB455F	5	XB4.5	0. 0578"(1.47mm)	100 cm	/	5F XB4.5
GCXB306F	6	XB3.0	0. 0708"(1.80mm)	100 cm	/	6F XB3.0
GCXB356F	6	XB3.5	0. 0708"(1.80mm)	100 cm	/	6F XB3.5
GCXB406F	6	XB4.0	0. 0708"(1.80mm)	100 cm	/	6F XB4.0
GCXB456F	6	XB4.5	0. 0708"(1.80mm)	100 cm	/	6F XB4.5
GCXB307F	7	XB3.0	0. 0807"(2.05mm)	100 cm	/	7F XB3.0
GCXB357F	7	XB3.5	0. 0807"(2.05mm)	100 cm	/	7F XB3.5
GCXB407F	7	XB4.0	0. 0807"(2.05mm)	100 cm	/	7F XB4.0
GCXB457F	7	XB4.5	0. 0807"(2.05mm)	100 cm	/	7F XB4.5
GCXB308F	8	XB3.0	0. 0897"(2.28mm)	100 cm	/	8F XB3.0
GCXB358F	8	XB3.5	0. 0897"(2.28mm)	100 cm	/	8F XB3.5
GCXB408F	8	XB4.0	0. 0897"(2.28mm)	100 cm	/	8F XB4.0
GCXB458F	8	XB4.5	0. 0897"(2.28mm)	100 cm	/	8F XB4.5



Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
EL GAMAL(EG)						
GCEG5F	5	EG	0. 0578"(1.47mm)	100 cm	/	5F EG
GCEG6F	6	EG	0. 0708"(1.80mm)	100 cm	/	6F EG
GCEG7F	7	EG	0. 0807"(2.05mm)	100 cm	/	7F EG
GCEG8F	8	EG	0. 0897"(2.28mm)	100 cm	/	8F EG



GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
MULTIPURPOSE(MP)						
GCMP5F	5	MP	0. 0578"(1.47mm)	100 cm	/	5F MP
GCMP5FH	5	MP	0. 0578"(1.47mm)	100 cm	2	5F MP Side Hole
GCMP6F	6	MP	0. 0708"(1.80mm)	100 cm	/	6F MP
GCMP6FH	6	MP	0. 0708"(1.80mm)	100 cm	2	6F MP Side Hole
GCMP7F	7	MP	0. 0807"(2.05mm)	100 cm	/	7F MP
GCMP7FH	7	MP	0. 0807"(2.05mm)	100 cm	2	7F MP Side Hole
GCMP8F	8	MP	0. 0897"(2.28mm)	100 cm	/	8F MP
GCMP8FH	8	MP	0. 0897"(2.28mm)	100 cm	2	8F MP Side Hole

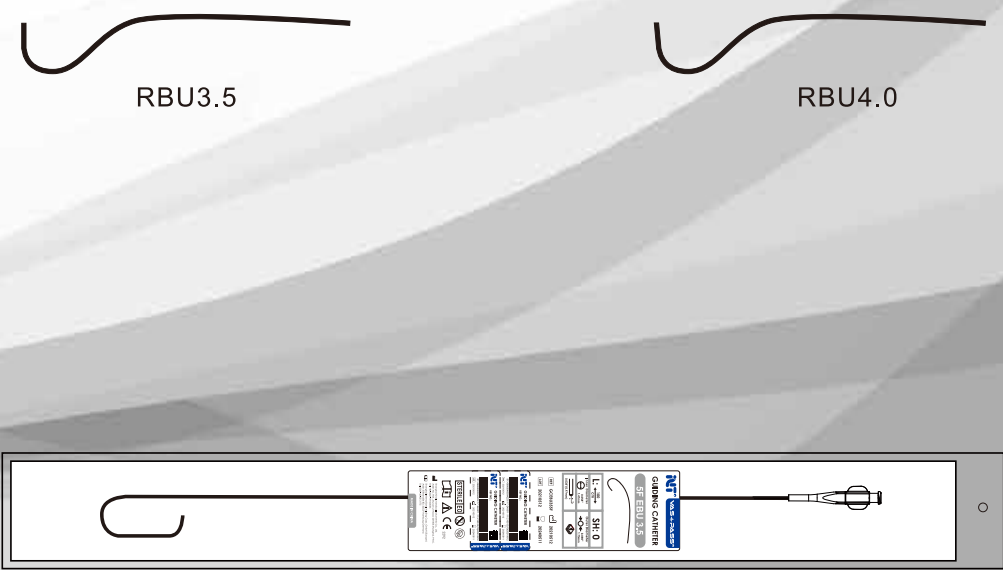


Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
HOCKEY SICKY(HS)						
GCHS5F	5	HS	0. 0578"(1.47mm)	100 cm	/	5F HS
GCHS5FH	5	HS	0. 0578"(1.47mm)	100 cm	2	5F HS Side Hole
GCHS6F	6	HS	0. 0708"(1.80mm)	100 cm	/	6F HS
GCHS6FH	6	HS	0. 0708"(1.80mm)	100 cm	2	6F HS Side Hole
GCHS7F	7	HS	0. 0807"(2.05mm)	100 cm	/	7F HS
GCHS7FH	7	HS	0. 0807"(2.05mm)	100 cm	2	7F HS Side Hole
GCHS8F	8	HS	0. 0897"(2.28mm)	100 cm	/	8F HS
GCHS8FH	8	HS	0. 0897"(2.28mm)	100 cm	2	8F HS Side Hole



GUIDING CATHETER

Ref.№.	Size Fr	Shape	I.D. (mm)	Length (cm)	Side Hole	Model on FSC
BACKUP SUPPORT RIGHT(RBU)						
GCRBU355F	5	RBU3.5	0. 0578"(1.47mm)	100 cm	/	5F RBU3.5
GCRBU405F	5	RBU4.0	0. 0578"(1.47mm)	100 cm	/	5F RBU4.0
GCRBU356F	6	RBU3.5	0. 0708"(1.80mm)	100 cm	/	6F RBU3.5
GCRBU406F	6	RBU4.0	0. 0708"(1.80mm)	100 cm	/	6F RBU4.0
GCRBU357F	7	RBU3.5	0. 0807"(2.05mm)	100 cm	/	7F RBU3.5
GCRBU407F	7	RBU4.0	0. 0807"(2.05mm)	100 cm	/	7F RBU4.0
GCRBU358F	8	RBU3.5	0. 0897"(2.28mm)	100 cm	/	8F RBU3.5
GCRBU408F	8	RBU4.0	0. 0897"(2.28mm)	100 cm	/	8F RBU4.0



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