

GENOSS Vascular Intervention

Coronary Intervention Device

GENOSS DES (Sirolimus Eluting Coronary Stent System)
Osfit
Osfit Inflator B20
GENOSS DCB (Paclitaxel Coated PTCA Balloon Catheter)
GENOSS PTCA Balloon Catheter
GENOSS NC PTCA Balloon Catheter
Extractor Aspiration Catheter
GENOSS Inflator B30
GENOSS Inflator B30 & Y-Connector Set
GENOSS Y-Connector
GENOSS Introducer Sheath
GENOSS Initiator | Initiator-NA Angiographic catheter

Peripheral Intervention Device

GENOSS PTA Balloon Catheter
UNIS PICC
GENOSS Inflator B40

GENOSS

Vascular Intervention

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Clinical outcomes at 12 months with 2,000 participants in 17 institutions

ORIGINAL ARTICLE

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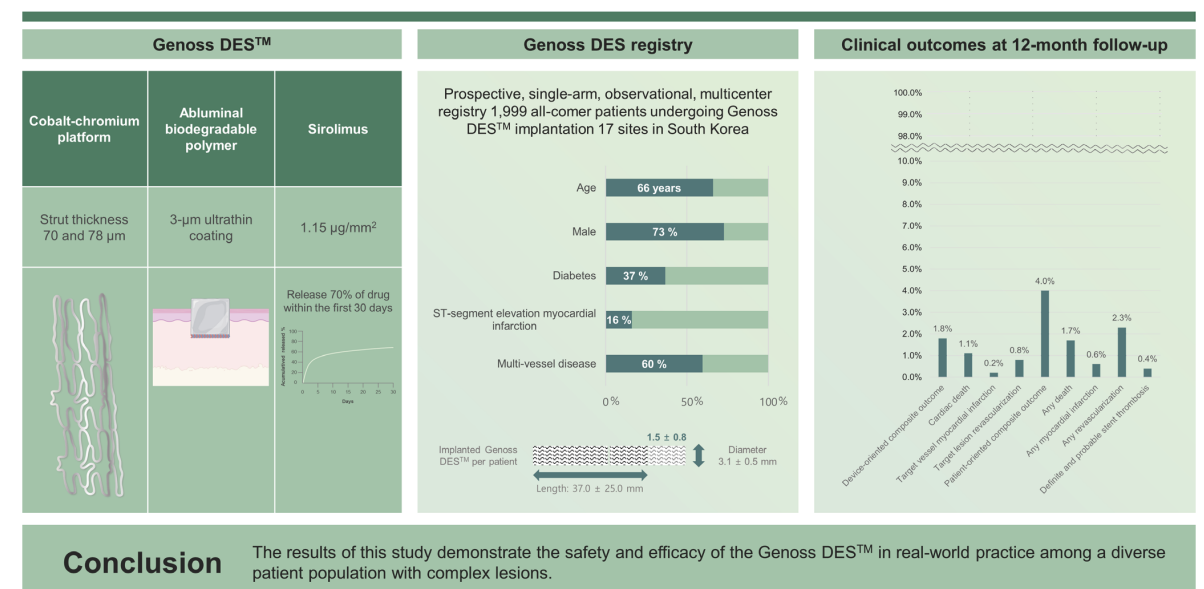


Clinical safety and effectiveness of the Genoss drug-eluting stent in real-world clinical practice

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One-year clinical outcomes of all-comer patients treated with the Genoss DES™



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GENOSS DES

Sirolimus Eluting Coronary Stent System

Sirolimus eluting coronary stent

- Control of well-known drug, sirolimus for optimal release

Ultra-thin strut of cobalt-chrome alloy

- 70µm of strut thickness for exceptional flexibility and minimal vessel injury

Abluminal bioresorbable polymer

- Minimized use of coating materials for controllable release rate of drug (coating thickness < 4 µm)
- Limited coating of abluminal bioresorbable polymer on part where stent contacts with the inner wall of vessels
- Transformation into a 'bare metal stent' after the release of the drug and termination of degradation of biocompatible polymer.

Improved flexibility

- Great flexibility in complex lesions and effective navigation in tortuous anatomy by open-cell design
- Superior deliverability without compromise in complex anatomy

Optimized radial force

- Resistance to compression of lesion and maintenance of luminal gain.

Low profile delivery catheter system

- An effective system for small vessel treatment with improved trackability

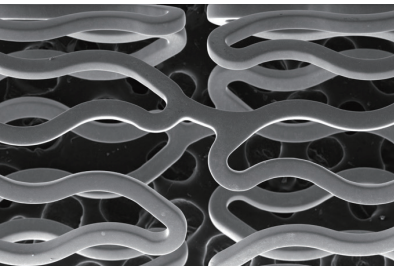
Hydrophilic coating

- A coating with great trackability and crossability

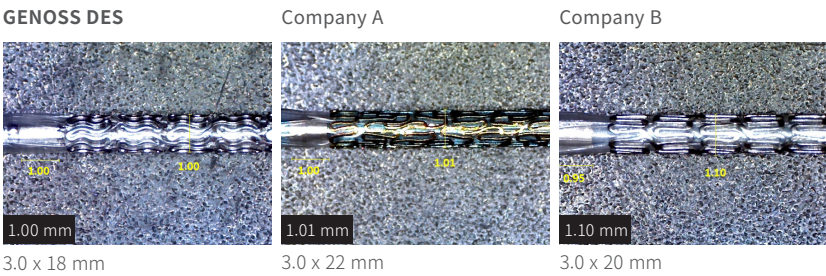
Specification

Stent material	Cobalt-Chromium alloy, L-605
Polymer	Abluminal bioresorbable coating
Drug	Sirolimus
Drug dose	1.02 µg/mm ²
Stent strut thickness	< 75 µm
Drug coating thickness	< 4 µm
Stent strut width	< 90 µm
Nominal pressure	9 atm (2.25 ~ 3.50 mm), 10 atm (3.75 ~ 4.00 mm)
Rated burst pressure	16 atm (2.25 ~ 3.50 mm), 14 atm (3.75 ~ 4.00 mm)
Distal shaft coating	Hydrophilic coating
Distal shaft	2.7 Fr (0.92 mm)
Proximal shaft	2.0 Fr (0.68 mm)
Lesion entry profile	0.017" (0.43 mm)
Usable length	1450 mm
Stent shortening	< 2%
Stent recoil	< 2%
Min. guiding catheter ID	5 Fr (0.056")
Max. guide wire OD	0.014" (0.36 mm)
Catheter type	Rapid exchange
Shelf life	2 years from sterilization date

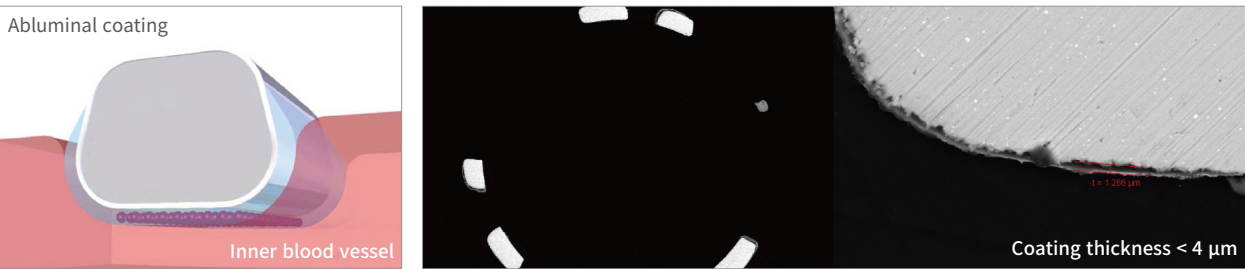
Co-Cr strut design



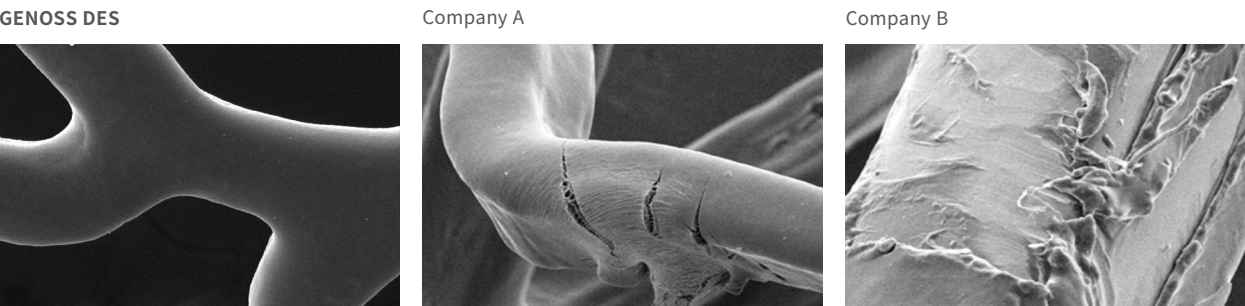
Crossing profile



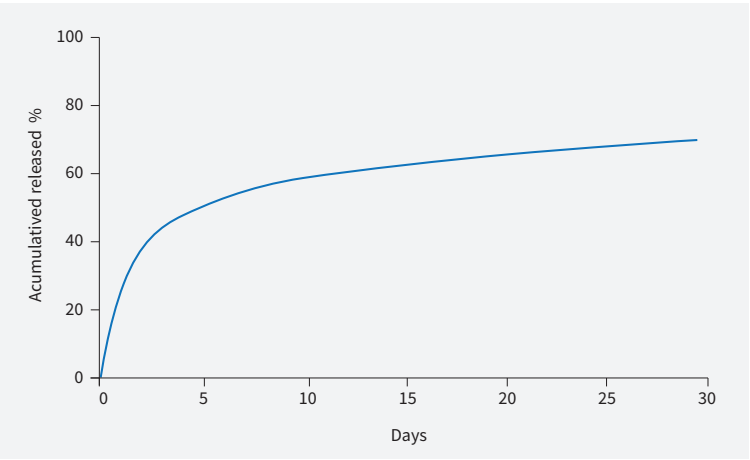
Abluminal resorbable polymer



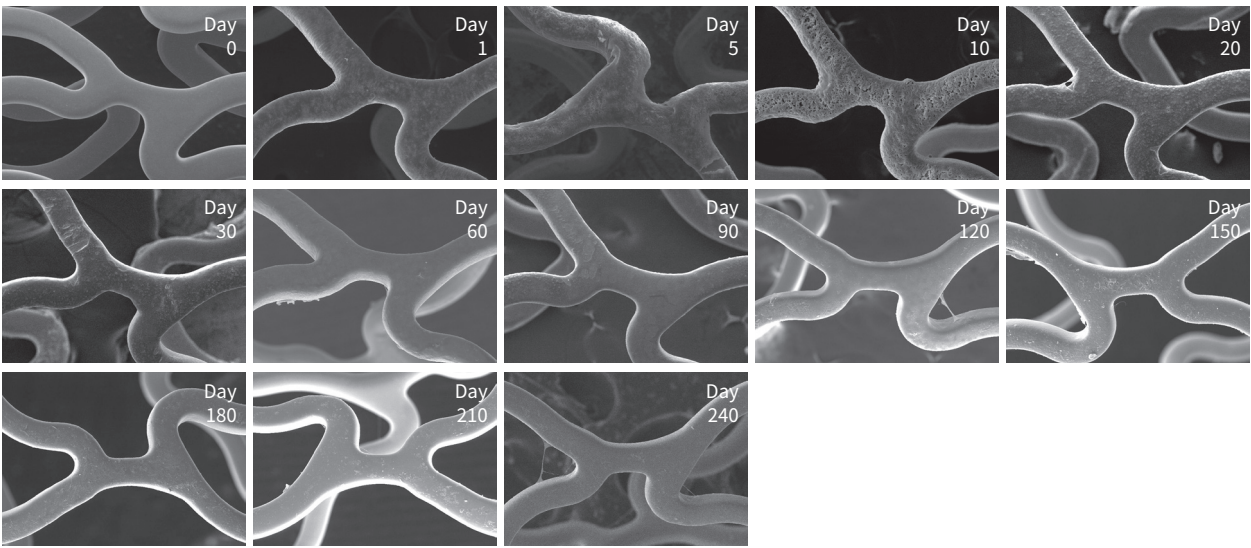
Polymer coating integrity after expansion



Sirolimus release profile

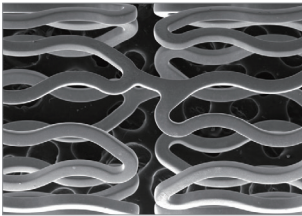


Bioresorbable polymer



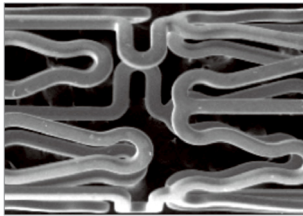
Strut width & thickness

GENOSS DES



Strut width = 0.090 mm
Strut thickness = 0.070 mm

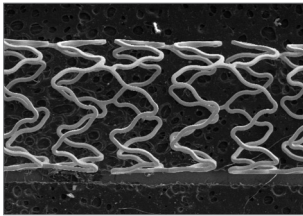
Company A



Strut width = 0.100 mm
Strut thickness = 0.080 mm

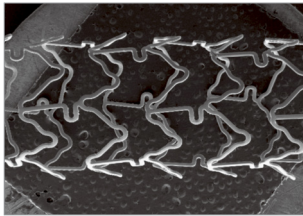
Shortening & recoil

GENOSS DES



Shortening = 0.6%
Recoil = 1.7%

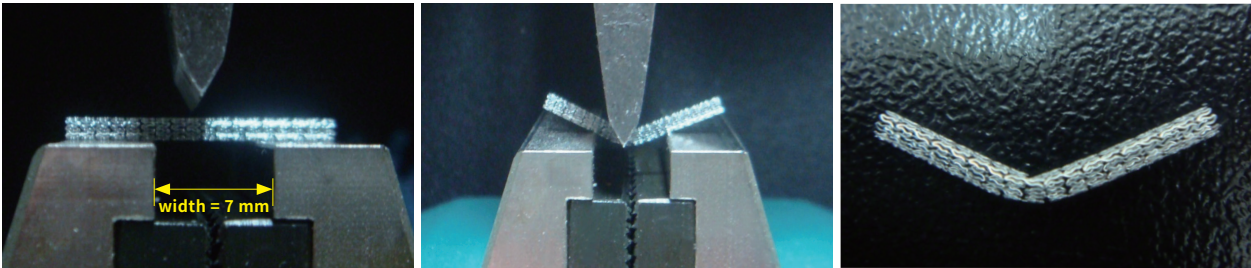
Company A



Shortening = 0.5%
Recoil = 4.9%

Flexibility

GENOSS DES

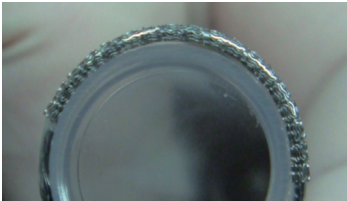


Company A



Kink resistance

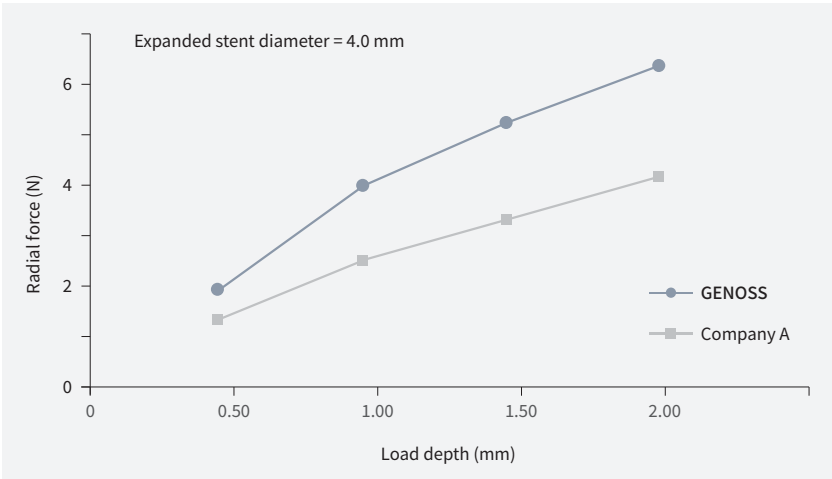
GENOSS DES



Company A



Radial force



Clinical outcomes at 9 months and at 5 years

9 mo	GENOSS DES (n=38)	Company A (n=39)	p value
Death	1 (2.6%)	0	0.494
Cardiac	0	0	
Noncardiac	1 (2.6%)	0	
Myocardial Infarction	0	0	1.000
Target lesion revascularization	1 (2.6%)	1 (2.6%)	1.000
Target vessel revascularization	3 (7.9%)	1 (2.6%)	0.358
Stent thrombosis	0	0	1.000

5 yr	GENOSS DES (n=38)	Company A (n=39)	p value
Major adverse cardiovascular events	2 (5.3%)	5 (12.8%)	0.431
Death	2 (5.3%)	4 (10.3%)	0.675
Cardiac	0	1 (2.6%)	
Noncardiac	2 (5.3%)	3 (7.7%)	
Myocardial Infarction	0	0	1.000
Target lesion revascularization	1 (2.6%)	1 (2.6%)	1.000
Target vessel revascularization	3 (7.9%)	1 (2.6%)	0.358
Stent thrombosis	0	0	1.000

Comparative characteristics of contemporary coronary drug-eluting stents

Brand name	Biodegradable polymer				Durable polymer	
	GENOSS	A	B	C	D	E
Company	GENOSS	Company A	Company B	Company C	Company D	Company E
Country	Korea	USA	Germany	Singapore	USA	USA
Drug	Sirolimus	Everolimus	Sirolimus	Biolimus	Everolimus	Zotarolimus
Stent						
Material	CoCr	PtCr	CoCr	316L stainless steel	L-605 CoCr	CoNi with Pt-Ir
Thickness	70-78	79-81	60-80	112	81	81-91
Polymer						
Material	PLLA/PGLA	PGLA	PLLA	PDLLA	PVDF-HFP	Biolinx
Coating distribution	Abluminal	Abluminal	Conformal	Abluminal	Conformal	Conformal
Coating thickness (µm)	3	4	7.4	16.6	8	4.8
Drug elution time	3-4 months	3 months	100-120 days	180 days	120 days	180 days
Polymer absorption time	6-9 months	3-4 months	15 months	6-9 months	Permanent	Permanent
Strut cross section						

Korean Circ J. 2020 Apr;50(4):328-329

Order information

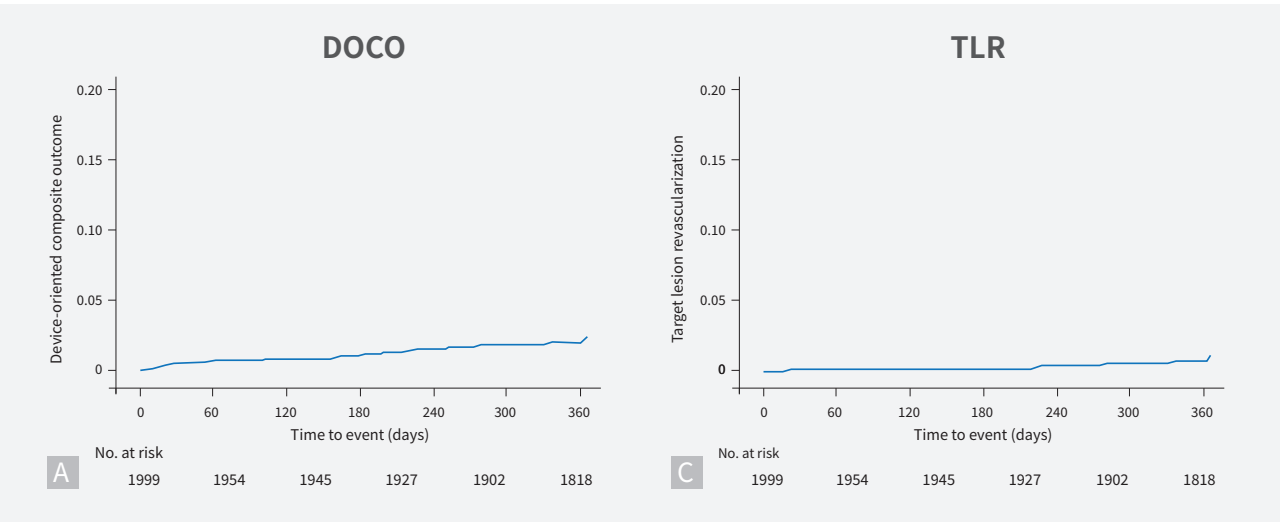
Stent diameter (mm)	Stent length (mm)							
	8	13	15	18	23	28	33	38
2.25	GDES-8-225	GDES-13-225	GDES-15-225	GDES-18-225	GDES-23-225	GDES-28-225	GDES-33-225	GDES-38-225
2.50	GDES-8-250	GDES-13-250	GDES-15-250	GDES-18-250	GDES-23-250	GDES-28-250	GDES-33-250	GDES-38-250
2.75	GDES-8-275	GDES-13-275	GDES-15-275	GDES-18-275	GDES-23-275	GDES-28-275	GDES-33-275	GDES-38-275
3.00	GDES-8-300	GDES-13-300	GDES-15-300	GDES-18-300	GDES-23-300	GDES-28-300	GDES-33-300	GDES-38-300
3.25	GDES-8-325	GDES-13-325	GDES-15-325	GDES-18-325	GDES-23-325	GDES-28-325	GDES-33-325	GDES-38-325
3.50	GDES-8-350	GDES-13-350	GDES-15-350	GDES-18-350	GDES-23-350	GDES-28-350	GDES-33-350	GDES-38-350
3.75	GDES-8-375	GDES-13-375	GDES-15-375	GDES-18-375	GDES-23-375	GDES-28-375	GDES-33-375	GDES-38-375
4.00	GDES-8-400	GDES-13-400	GDES-15-400	GDES-18-400	GDES-23-400	GDES-28-400	GDES-33-400	GDES-38-400

1 year clinical outcome of GENOSS DES prospective registry

Clinical outcomes (n=1,999)

Variables	Values
Device-oriented composite outcome	36 (1.8)
Cardiac death	21 (1.1)
In-hospital cardiovascular death	8 (0.4)
Target vessel myocardial infarction	3 (0.2)
Target lesion revascularization	16 (0.8)
Patient-oriented composite outcome	80 (4.0)
Any death	34 (1.7)
Any myocardial infarction	12 (0.6)
Any revascularization	45 (2.3)
Target vessel revascularization	21 (1.1)
Definite stent thrombosis	7 (0.4)
Myocardial infarction related	5 (0.3)
Definite and probable stent thrombosis	8 (0.4)
Myocardial infarction related	6 (0.3)

Values are presented as number (%)



Korean J Intern Med 2023;38:683-691

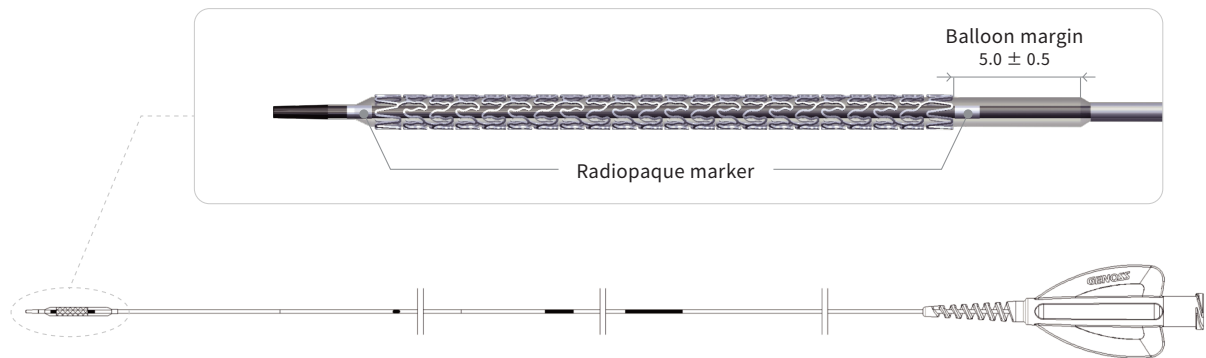
Osfit

Sirolimus Eluting Coronary Stent System
for Ostial and Bifurcation Lesion

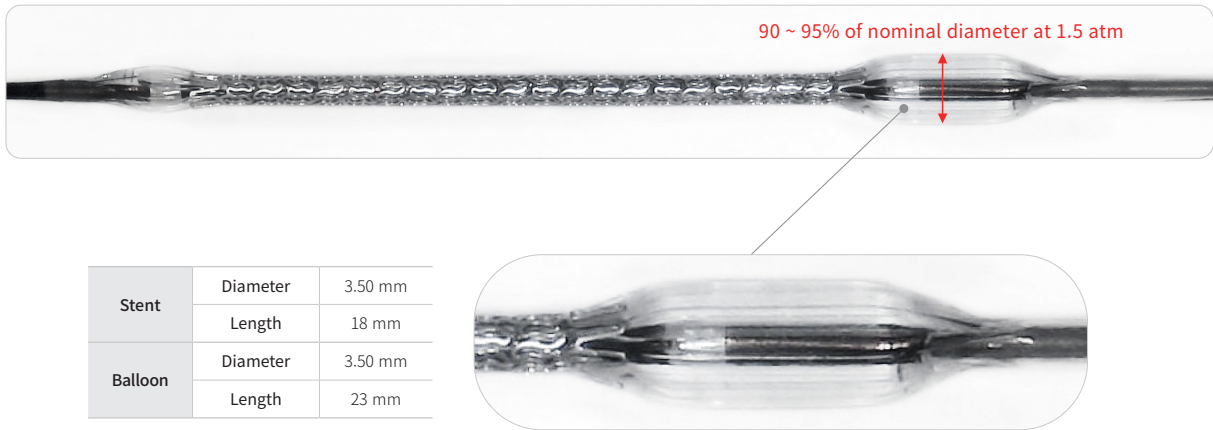
Description

- Optimized stent delivery system for ostial and bifurcation lesion
- Assurance of operator convenience with simple stent implantation procedures
- Less procedure time by accurate stent positioning

Product configuration

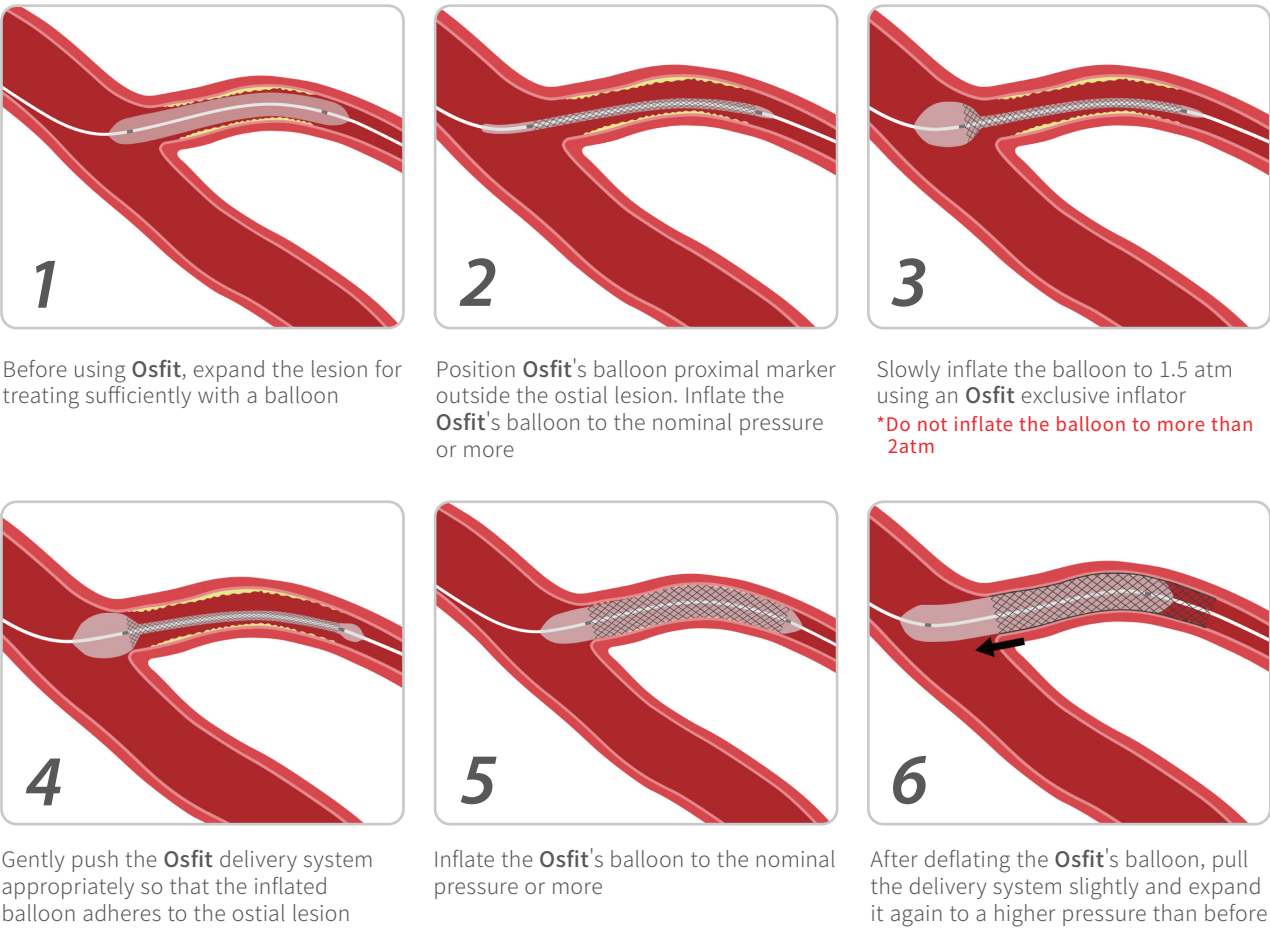


Product configuration when inflated with 1.5 atm



Stent	Diameter	3.50 mm
	Length	18 mm
Balloon	Diameter	3.50 mm
	Length	23 mm

Osfit Guide



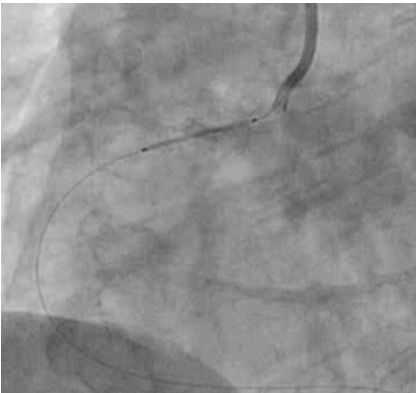
Order information

Stent diameter 2.50 to 4.00 mm / Stent length 13 to 28 mm

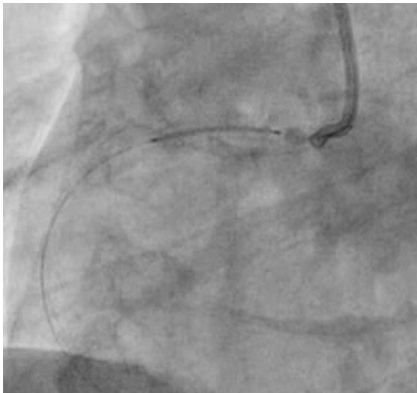
Stent length (mm)		8	13	18	23	28	33
Balloon length (mm)		13	18	23	28	33	38
Stent diameter	2.25	GOS-08-225	GOS-13-225	GOS-18-225	GOS-23-225	GOS-28-225	GOS-33-225
	2.50	GOS-08-250	GOS-13-250	GOS-18-250	GOS-23-250	GOS-28-250	GOS-33-250
	2.75	GOS-08-275	GOS-13-275	GOS-18-275	GOS-23-275	GOS-28-275	GOS-33-275
	3.00	GOS-08-300	GOS-13-300	GOS-18-300	GOS-23-300	GOS-28-300	GOS-33-300
	3.25	GOS-08-325	GOS-13-325	GOS-18-325	GOS-23-325	GOS-28-325	GOS-33-325
	3.50	GOS-08-350	GOS-13-350	GOS-18-350	GOS-23-350	GOS-28-350	GOS-33-350
	3.75	GOS-08-375	GOS-13-375	GOS-18-375	GOS-23-375	GOS-28-375	GOS-33-375
	4.00	GOS-08-400	GOS-13-400	GOS-18-400	GOS-23-400	GOS-28-400	GOS-33-400

Clinical cases

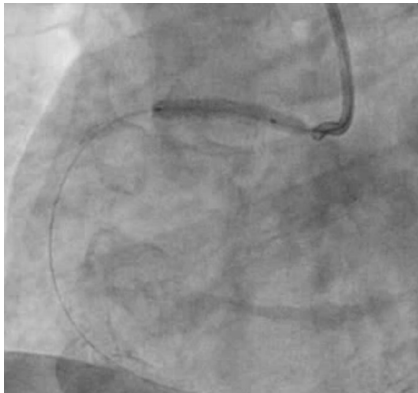
Case 1. RCA Ostial Stenosis. In Stent Restenosis



Osfit Positioning 3.0 x 18



Osfit Inflation with 1.5 atm
Gentle Push



Osfit Stent Implantation with 16 atm

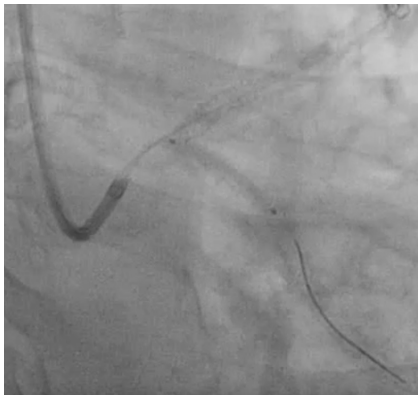
Case 2. LCX Ostial Stenosis. Jailed by LM-LAD Stent



Osfit Positioning 3.0 x 18



Osfit Inflation with 1.5 atm
Gentle Push

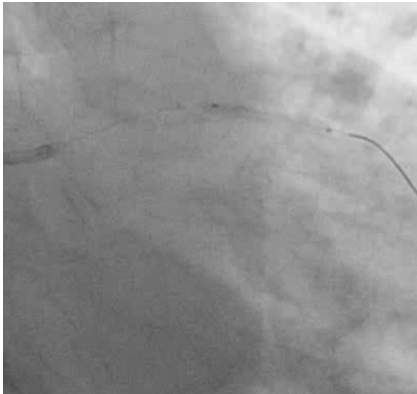


Osfit Stent Implantation
with 16 atm

Case 3. Diagonal Ostial Stenosis. De Novo



Osfit Inflation with 1.5 atm
2.5 x 18. Gentle Push



Osfit Stent Implantation
with 12 atm

Osfit Inflator B20

Ergonomic design

- Ergonomic design for comfortable handling

Rapid and easy deflation

- 20 cc barrel for rapid and easy deflation

Specification

Pressure gauge	Max. 20 atm
Volume	20 cc
Design	Non-slip design when handling
Material	Clear appearance makes it easy to check air bubbles

Applications

- Cardiology
- Radiology
- Urology

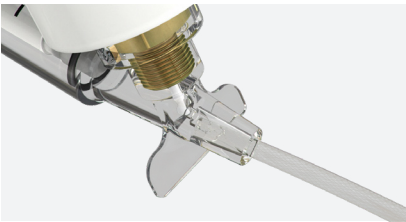
Characteristics



Easy handling of fixation and release



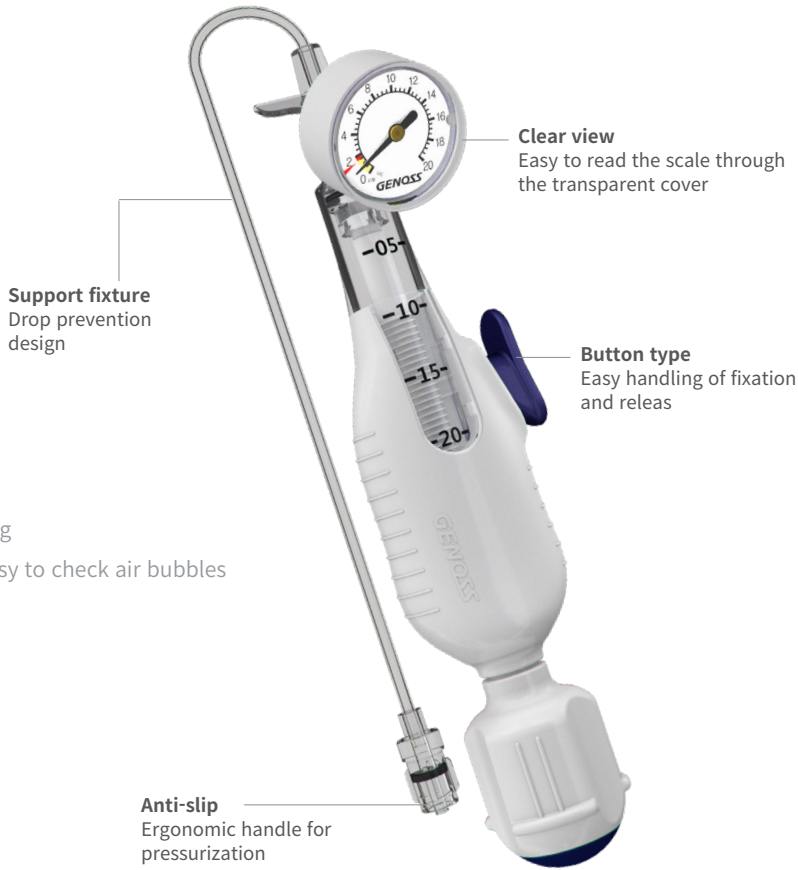
Detailed and accurate pressure control up to 2 atm (for Osfit)



Drop prevention design

Order information

Model No.	Volume (cc)	Maximum pressure gauge (atm)
GBI-B20V	20	20



GENOSS

DCB Paclitaxel Coated PTCA Balloon Catheter

Paclitaxel coated PTCA Balloon catheter

- Paclitaxel (anti-proliferative drug) delivered to target tissues through contact with vessel walls

Surface circular coating

- Homogeneous drug delivery by even coating of balloon surface

Rapidly controlled drug release

- Shellac (hydrophilic natural polymer) for rapid tissue diffusion and release of drugs
- Prevention of washout from the balloon surface upon entry into the lesion with 3-folded wing

Inhibition of restenosis

- Crystalline paclitaxel of 3 µg/mm² coating with shellac for reduction of restenosis in the stent due to lumen loss in the late stent thrombosis

Low profile delivery catheter system

- An effective system for small vessel treatment with improved deliverability

Anatomy

- Superior deliverability without compromise in complex anatomy

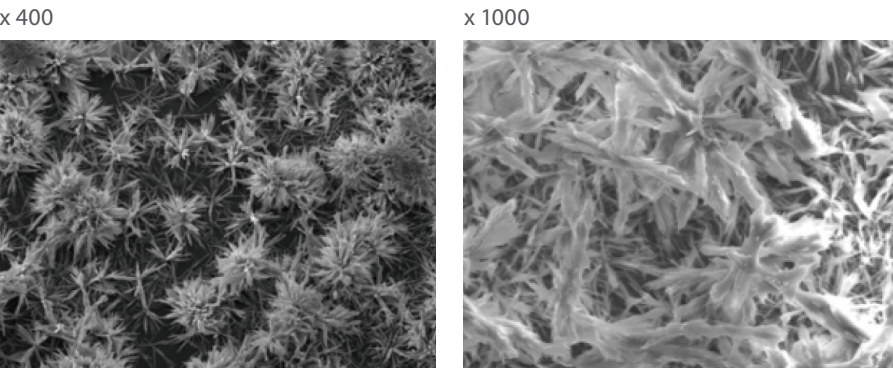
Hydrophilic coating

- A coating with great deliverability

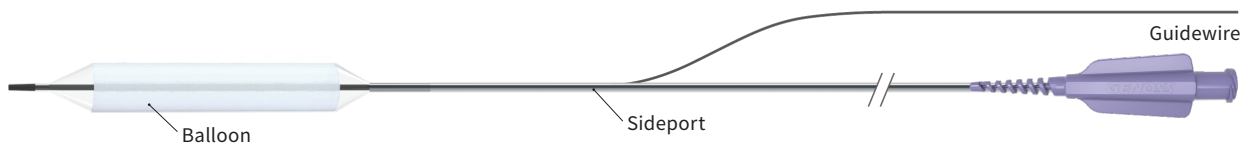
Specification

Drug	Paclitaxel
Drug dose	3.00 µg/mm ²
Coating thickness	Avg 10 µm
Coating material	Shellac
Coating type	Surface circular coating
Nominal pressure	8 atm (2.00 ~ 4.00 mm)
Rated burst pressure	16 atm (2.00 ~ 3.50 mm), 14 atm (3.75 ~ 4.00 mm)
Distal shaft coating	Hydrophilic coating
Distal shaft	2.7 Fr (0.92 mm)
Proximal shaft	1.9 Fr (0.63 mm)
Lesion entry profile	0.017" (0.43 mm)
Usable length	1450 mm
Min. guiding catheter ID	5 Fr (0.056")
Max. guide wire OD	0.014" (0.36 mm)
Catheter type	Rapid exchange
Shelf life	2 years from sterilization date

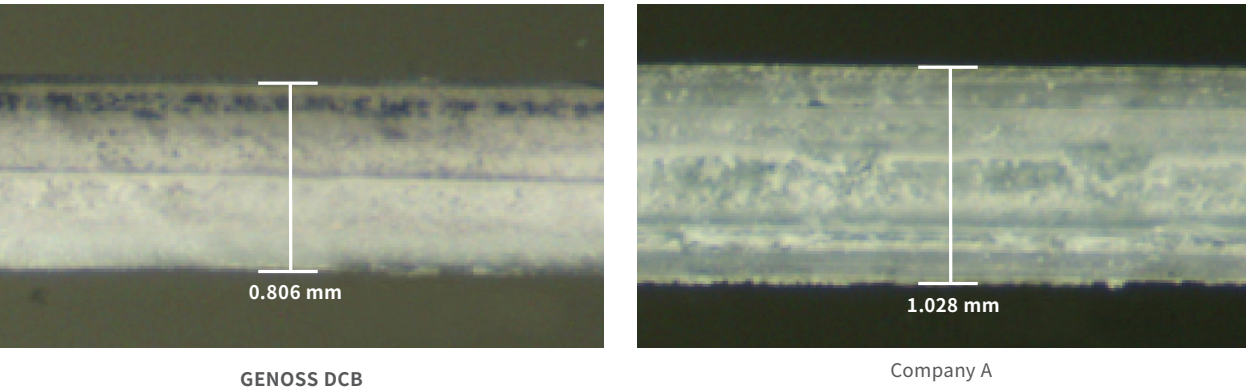
Crystalline Paclitaxel



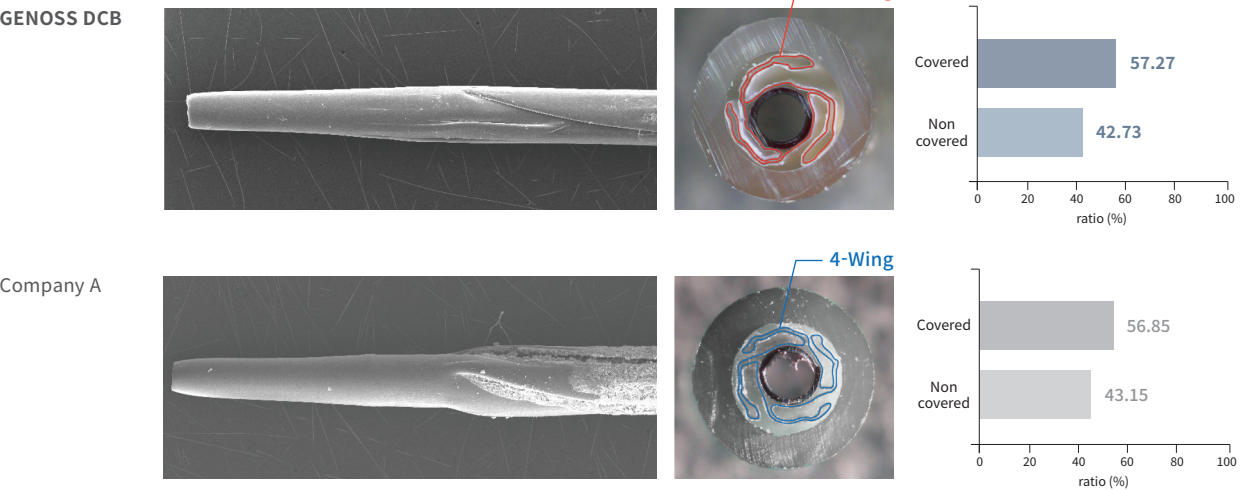
Lower Profile



Balloon profile



Sideport profile



Serial Quantitative Coronary Angiographic Results at 6 months¹⁾

	GENOSS DCB (n=39)	Company A (n=39)	p value
Diameter Stenosis in-segment, %	23.5 ± 10.9	30.4 ± 11.2	0.020
Diameter Stenosis in-stent, %	23.5 ± 10.9	30.2 ± 10.8	0.022
Late lumen loss in-segment, mm	0.15 ± 0.43	0.24 ± 0.39	0.299
Late lumen loss in-stent, mm	0.15 ± 0.43	0.26 ± 0.36	0.201
Binary restenosis in-segment, %	0	2 (6.5)	0.164
Binary restenosis rate in-stent, %	0	1 (3.2)	0.329

Values are mean ± SD or n/N (%).

Clinical Follow-Up at 6 months²⁾

	GENOSS DCB (n=39)	Company A (n=39)
Major adverse cardiovascular events	3 (7.7)	4 (10.3)
Cardiac death	0	0
Myocardial infarction	1 (2.6)	1 (2.6)
Stent thrombosis	0	1 (2.6)
Target lesion revascularization	2 (5.1)	2 (5.1)
Target vessel revascularization	2 (5.1)	2 (5.1)

Values are n (%)

1-2) JACC: Asia 2022;2:170–179

Order information

Balloon diameter (mm)	Balloon length (mm)							
	10	15	18	20	25	30	35	40
2.00	GDEB-10-200	GDEB-15-200	GDEB-18-200	GDEB-20-200	GDEB-25-200	GDEB-30-200	GDEB-35-200	GDEB-40-200
2.25	GDEB-10-225	GDEB-15-225	GDEB-18-225	GDEB-20-225	GDEB-25-225	GDEB-30-225	GDEB-35-225	GDEB-40-225
2.50	GDEB-10-250	GDEB-15-250	GDEB-18-250	GDEB-20-250	GDEB-25-250	GDEB-30-250	GDEB-35-250	GDEB-40-250
2.75	GDEB-10-275	GDEB-15-275	GDEB-18-275	GDEB-20-275	GDEB-25-275	GDEB-30-275	GDEB-35-275	GDEB-40-275
3.00	GDEB-10-300	GDEB-15-300	GDEB-18-300	GDEB-20-300	GDEB-25-300	GDEB-30-300	GDEB-35-300	GDEB-40-300
3.25	GDEB-10-325	GDEB-15-325	GDEB-18-325	GDEB-20-325	GDEB-25-325	GDEB-30-325	GDEB-35-325	GDEB-40-325
3.50	GDEB-10-350	GDEB-15-350	GDEB-18-350	GDEB-20-350	GDEB-25-350	GDEB-30-350	GDEB-35-350	GDEB-40-350
3.75	GDEB-10-375	GDEB-15-375	GDEB-18-375	GDEB-20-375	GDEB-25-375	GDEB-30-375	GDEB-35-375	GDEB-40-375
4.00	GDEB-10-400	GDEB-15-400	GDEB-18-400	GDEB-20-400	GDEB-25-400	GDEB-30-400	GDEB-35-400	GDEB-40-400

GENOSS
PTCA Balloon Catheter

Hydrophilic coating

- A coating with great trackability and crossability

Specially engineered 3-folded balloon

- Excellent re-wrapping performance for superior re-crossability

Compliance profile

- Assurance of precise balloon inflation by controlled pressure with low compliance property

Small and flexible tip

- Soft and tapered cross tip for crossing challenging lesions easily

Great pushability and trackability

- PTFE coated hypotube combined with long skive for great pushability and trackability

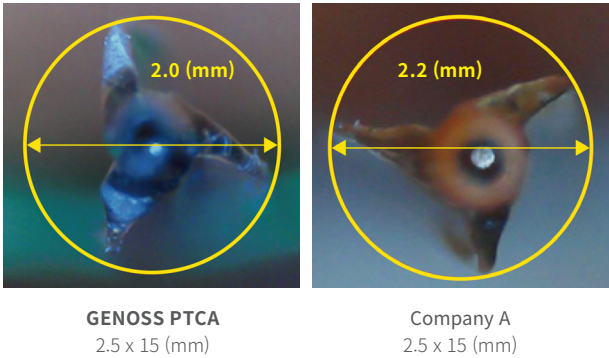
Wide choice

- A wide range of balloon size
- Length : 10 ~35 mm, Diameter : 1.50 ~ 4.00 mm (including quarter sizes)

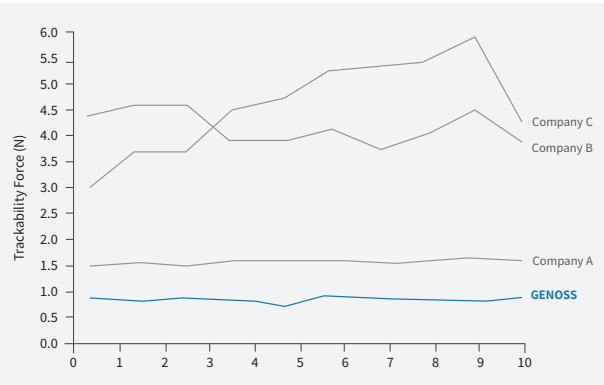
Specification

Distal shaft	2.7 Fr (0.92 mm)
Proximal shaft	2.0 Fr (0.68 mm)
Lesion entry profile	0.017" (0.43 mm)
Nominal pressure	7 atm (1.50 mm), 8 atm (2.00 mm ~ 4.00 mm)
Rated burst pressure	15 atm (1.50 mm), 16 atm (2.00 mm ~ 3.50 mm), 14 atm (3.75 mm ~ 4.00 mm)
Balloon material	Semi-compliant balloon
Balloon folding	3-folding
Min. guiding catheter ID	5 Fr (0.056")
Max. guide wire OD	0.014" (0.36 mm)
Catheter type	Rapid exchange
Usable length	1450 mm
Shelf life	3 years from sterilization date

After re-folding profile



Trackability



Order information

Balloon diameter (mm)	Balloon length (mm)									
	5	10	12	15	18	20	25	30	35	40
1.00	GBC-05-100	GBC-10-100	GBC-12-100	GBC-15-100						
1.10		GBC-10-110								
1.25		GBC-10-125	GBC-12-125	GBC-15-125		GBC-20-125				
1.50		GBC-10-150	GBC-12-150	GBC-15-150		GBC-20-150				
2.00		GBC-10-200	GBC-12-200	GBC-15-200	GBC-18-200	GBC-20-200	GBC-25-200	GBC-30-200	GBC-35-200	GBC-40-200
2.25		GBC-10-225	GBC-12-225	GBC-15-225	GBC-18-225	GBC-20-225	GBC-25-225	GBC-30-225	GBC-35-225	GBC-40-225
2.50		GBC-10-250	GBC-12-250	GBC-15-250	GBC-18-250	GBC-20-250	GBC-25-250	GBC-30-250	GBC-35-250	GBC-40-250
2.75		GBC-10-275	GBC-12-275	GBC-15-275	GBC-18-275	GBC-20-275	GBC-25-275	GBC-30-275	GBC-35-275	GBC-40-275
3.00		GBC-10-300	GBC-12-300	GBC-15-300	GBC-18-300	GBC-20-300	GBC-25-300	GBC-30-300	GBC-35-300	GBC-40-300
3.25		GBC-10-325	GBC-12-325	GBC-15-325	GBC-18-325	GBC-20-325	GBC-25-325	GBC-30-325	GBC-35-325	GBC-40-325
3.50		GBC-12-350	GBC-12-350	GBC-15-350	GBC-18-350	GBC-20-350	GBC-25-350	GBC-30-350	GBC-35-350	GBC-40-350
3.75		GBC-12-375	GBC-12-375	GBC-15-375	GBC-18-375	GBC-20-375	GBC-25-375	GBC-30-375	GBC-35-375	GBC-40-375
4.00		GBC-12-400	GBC-12-400	GBC-15-400	GBC-18-400	GBC-20-400	GBC-25-400	GBC-30-400	GBC-35-400	GBC-40-400
4.50		GBC-12-450	GBC-12-450							
5.00		GBC-12-500	GBC-12-500							

Improved property of end tip for CTO
Low profile and tapered cross tip facilitates crossing calcified lesions

GENOSS

NC PTCA Balloon Catheter

Hydrophilic coating

- A coating with great trackability and crossability

Noncompliant balloon with superb material and progressive forming technology

- A technology for excellent durability under high pressure circumstance

Soft and tapered tip design

- Soft and tapered cross tip for crossing challenging lesions easily

Innovative and flexible distal shaft

- Maximization of flexibility by advanced design

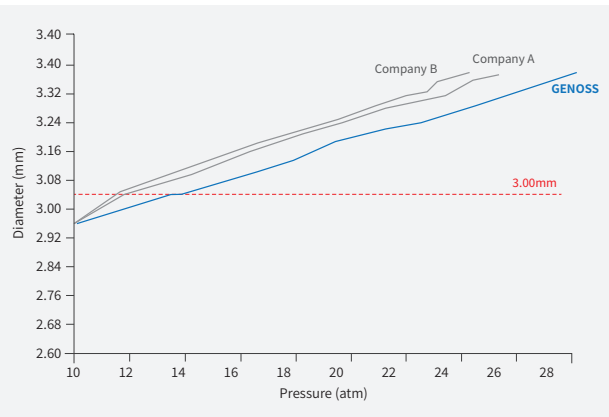
Great pushability and trackability

- PTFE coated hypotube combined with long skive for great pushability and trackability

Specification

Distal shaft	2.8 Fr (0.92 mm)
Proximal shaft	2.0 Fr (0.68 mm)
Lesion entry profile	0.017" (0.43 mm)
Nominal pressure	14 atm
Rated burst pressure	20 atm
Balloon material	Non-compliant balloon
Balloon folding	3-folding
Min. guiding catheter ID	5 Fr (0.056")
Max. guide wire OD	0.014" (0.36 mm)
Catheter type	Rapid exchange
Usable length	1450 mm
Shelf life	2 years from sterilization date

Compliance profile



Order information

Balloon diameter (mm)	Balloon length (mm)				
	8	10	12	16	20
2.00	GHBC-08-200	GHBC-10-200	GHBC-12-200	GHBC-16-200	GHBC-20-200
2.25	GHBC-08-225	GHBC-10-225	GHBC-12-225	GHBC-16-225	GHBC-20-225
2.50	GHBC-08-250	GHBC-10-250	GHBC-12-250	GHBC-16-250	GHBC-20-250
2.75	GHBC-08-275	GHBC-10-275	GHBC-12-275	GHBC-16-275	GHBC-20-275
3.00	GHBC-08-300	GHBC-10-300	GHBC-12-300	GHBC-16-300	GHBC-20-300
3.25	GHBC-08-325	GHBC-10-325	GHBC-12-325	GHBC-16-325	GHBC-20-325
3.50	GHBC-08-350	GHBC-10-350	GHBC-12-350	GHBC-16-350	GHBC-20-350
3.75	GHBC-08-375	GHBC-10-375	GHBC-12-375	GHBC-16-375	GHBC-20-375
4.00	GHBC-08-400	GHBC-10-400	GHBC-12-400	GHBC-16-400	GHBC-20-400
4.50	GHBC-08-450	GHBC-10-450	GHBC-12-450		
5.00	GHBC-08-500	GHBC-10-500	GHBC-12-500		

Extractor

Aspiration Catheter

High performance of aspiration capacity

- Uniform extract through large lumen diameters

Hydrophilic coating (40 cm)

- Enhancement in trackability and smooth navigation in tortuous anatomy

Dual working lengths

- A standard working length of 140 cm (6 Fr & 7 Fr) and a special working length of 150 cm (8 Fr)

Useful depth markers

- These markers are positioned at 90 cm - 100 cm - 110 cm from distal tip for measuring depth

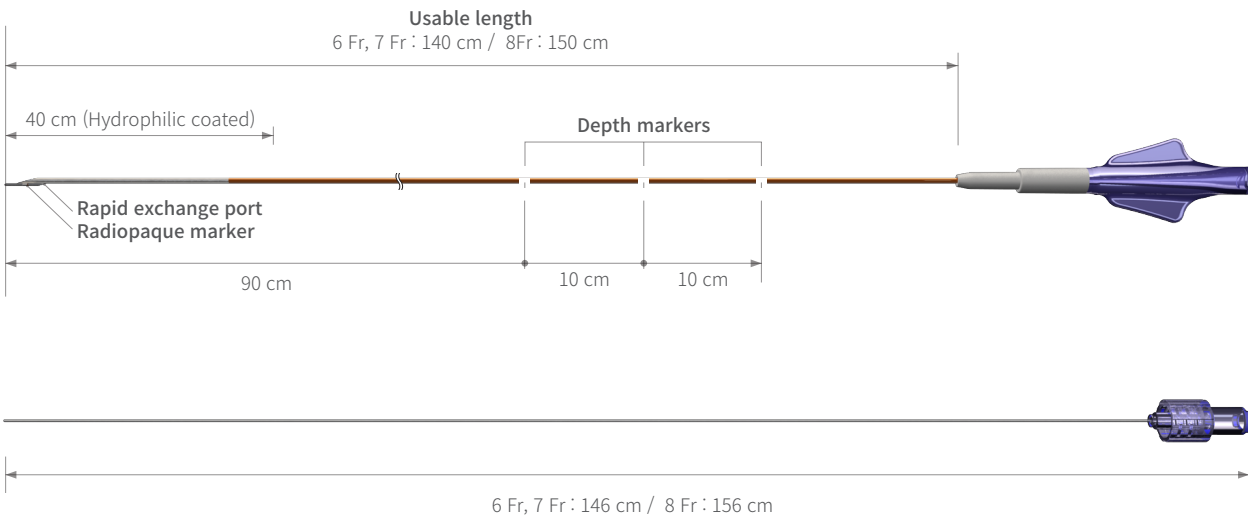
Filter basket

- The filter size of 180 µm enables high-speed blood filtering

Extraction area



Dimension



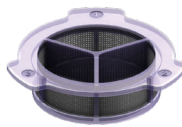
Package



1-Way stop cock/extension Line : 1 ea



Lock syringe : 1 ea



Filter basket 180 µm : 1 ea

Accessories



Lock syringe : 1 ea



Filter basket 180 µm : 1 ea

Order information

Model No.	Minimum inner diameter of compatible GC	Compatible GW	Shaft diameter				Guide wire lumen part		Usable length	Hydrophilic length
			Outer		Inner		Maximum outer diameter	Length		
			Distal	Proximal	Distal	Proximal				
6 Fr GAC-6-110	0.070 inch (1.78 mm)	0.014 inch (0.36 mm)	3.9 Fr (1.30 mm)	3.9 Fr (1.30 mm)	3.0 Fr (1.00 mm)	3.3 Fr (1.10 mm)	5.1 Fr (1.70 mm)	10 mm	1400 mm	400 mm
7 Fr GAC-7-130	0.080 inch (2.03 mm)		4.5 Fr (1.50 mm)	4.5 Fr (1.50 mm)	3.6 Fr (1.20 mm)	3.9 Fr (1.30 mm)	5.7 Fr (1.90 mm)		1400 mm	
8 Fr GAC-8-150	0.089 inch (2.26 mm)		5.2 Fr (1.74 mm)	5.2 Fr (1.74 mm)	4.1 Fr (1.35 mm)	4.5 Fr (1.50 mm)	6.3 Fr (2.10 mm)		1500 mm	

GENOSS Inflator B30

Ergonomic design

- Ergonomic design for comfortable handling

Rapid and easy deflation

- 20 cc barrel for rapid and easy deflation

Specification

Pressure gauge	Max. 30 atm
Volume	20 cc
Design	Non-slip design when handling
Material	Clear appearance for easy air bubbles check

Applications

- Cardiology
- Radiology
- Urology

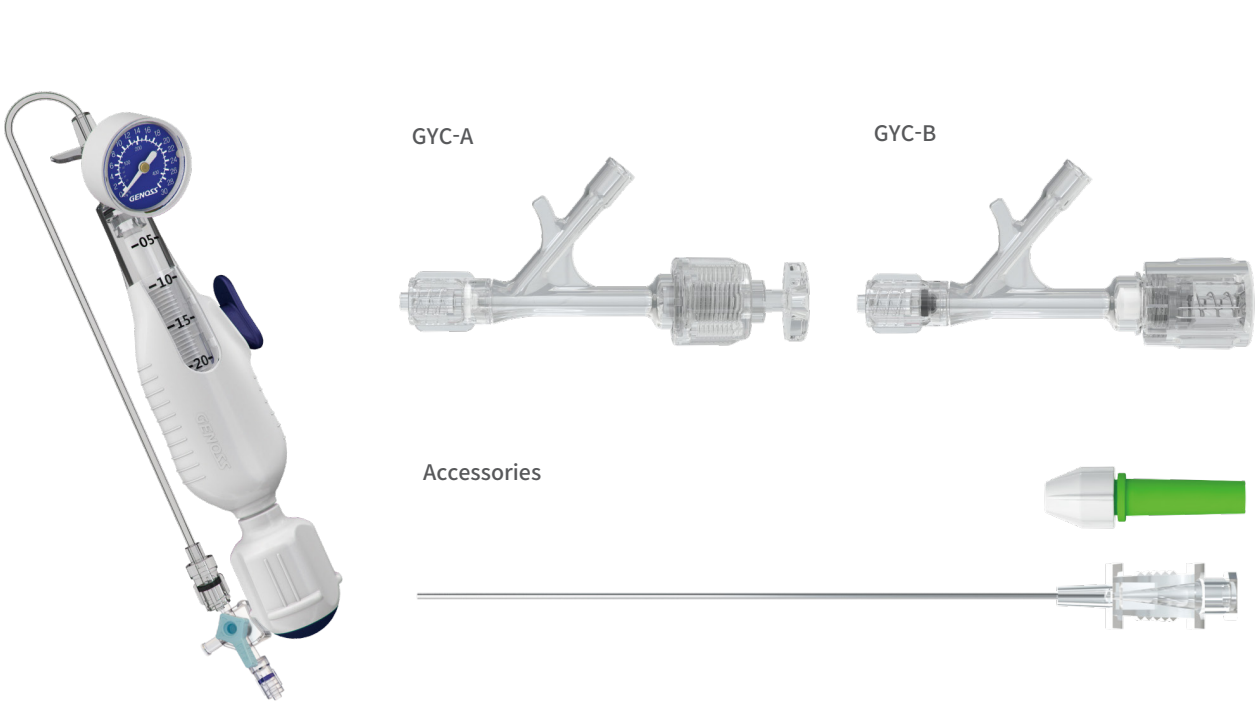
Characteristics



Order information

Model No.	Volume (cc)	Maximum pressure gauge (atm)
GBI-B30V	20	30

GENOSS Inflator B30 & Y-Connector Set



Y-Connector Hemostasis valve

GYC-A

- Ergonomic design
- 10 Fr compatible lumen
- Dual valve technology
- Click type to open and close the valve
- Body material : polycarbonate
- Sterilization : ETO

GYC-B

- Ergonomic design
- 7.4 Fr compatible lumen
- Dual valve technology
- Click type to open and close the valve
- Body material : polycarbonate
- Sterilization : ETO

Accessories

- 20 G introducer needle
- Torque device

Order information

Model No.	Inflator Model	Y-Connector Model
GI30-BA2	GBI-B30	GYC-A20
GI40-BB2	GBI-B40	GYC-B20

GENOSS

Y-Connector

Hemostasis Valve

Design

- Design for smooth introduction and easy removal of medical devices

Dual valve technology

- Minimization of fluid loss during interventional and diagnostic procedures

Optimized angle of side arm

- Optimized side arm angle for easy use

GYC-A

- Ergonomic design
- 10 Fr compatible lumen
- Dual valve technology
- Click type to open and close the valve
- Body material: polycarbonate
- Sterilization: ETO



GYC-B

- Ergonomic design
- 7.4 Fr compatible lumen
- Dual valve technology
- Click type to open and close the valve
- Body material: polycarbonate
- Sterilization: ETO



Applications

- 20 G introducer needle
- Torque device



Order information

Model No.	Needle	Torque device
GYC-A20	20 G	✓
GYC-B20	20 G	✓

GENOSS

Introducer Sheath

Description

- Smooth and reliable vascular access
- Flexible sheath designed to reduce kinking
- Multiple accessory option

Specification

Standard size

Sheath coating : Hydrophilic

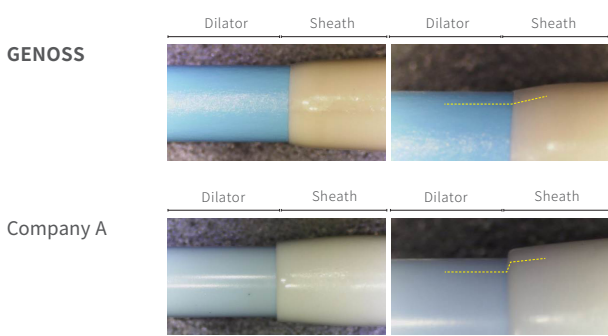
Shelf life : 3 years from (GENOSS Introducer sheath Specification)

Color coded and French size indication

Kink resistance design

Wide selection available to meet specific needs

Excellent skin entry performance



Order information

Sheath (Radial / Femoral)		Guide wire	
Size	Length	Type	Tip form
5 Fr	6 / 8 / 10 / 12 / 16 / 25 cm	Hair wire	Curved / Straight
6 Fr		Spring wire	Straight / J
7 Fr		Black wire	Curved / Straight

Hydrophilic
Excellent skin entry performance that reduces the risk of vessel spasm

Smooth transition
Smooth and reliable vascular access

Compatibility Guide wire
A seamless transition of guidewire-to-dilator

Accessories

1. 3-Type(Guide Wire)



2. 2-Type(Needle)



GENOSS

Initiator | Initiator - NA

Angiographic catheter

Description

- Advanced braided design for instant 1:1 torque transmission and superior support
- Atraumatic soft-tip technology for minimization of vessel trauma during selection and contrast injection
- Versatile range of shapes meeting individual clinical requirements

Purpose of Use

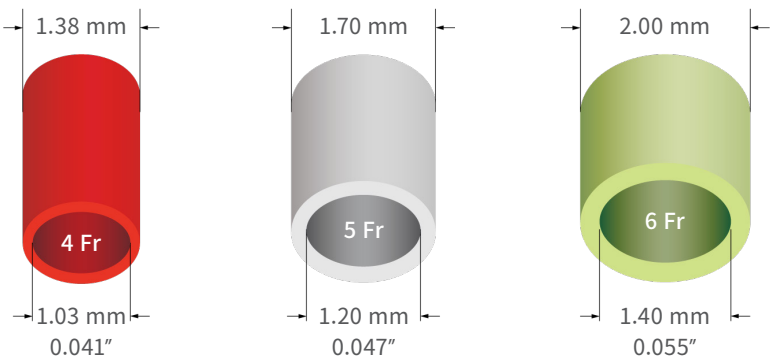
The Initiator Angiographic Catheter, designed for the delivery of radiopaque contrast media to selected sites in the coronary and cerebral vascular, etc

Features

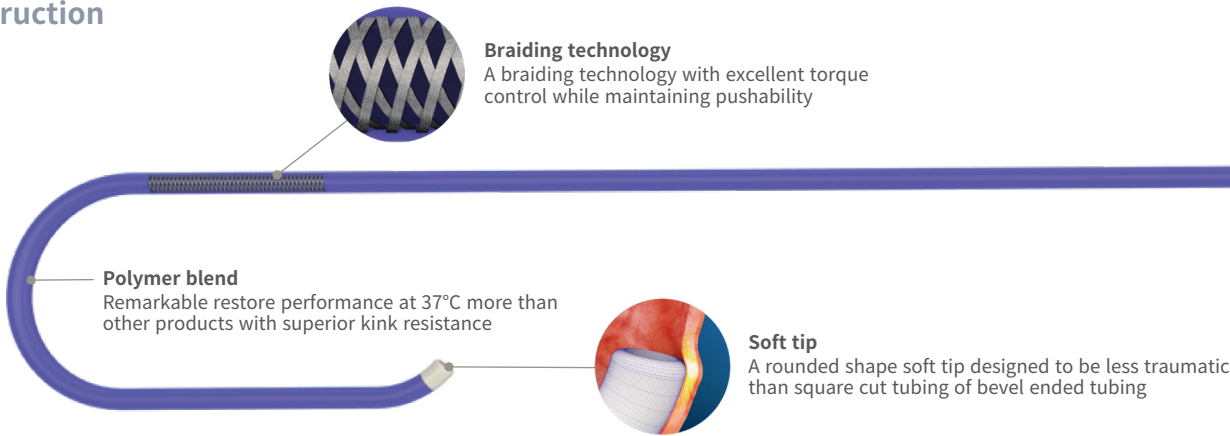
- Braid technology
Target vascular accessibility with 1:1 torque performance
Excellent catheter durability and kink resistance in tortuous lesions
- End tip
Soft material and tipping technology of End Tip to minimize vascular damage
- Polymer Blend
Polymer material properties and forming technology for excellent shape retention performance

Specifications

Compatible guide wire 0.035" / 0.038"
Maximum pressure 4 Fr : 800 PSI / 5,516 kPa, 5 / 6 Fr : 1,000 PSI / 6,895 kPa



Construction



Order information

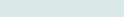
Standard Model

4Fr (OD x ID = 1.38 x 1.03 mm)

Usable Length (cm)			65	80	100	125	
Tip		Judkins Right	3.5	CD4JR35A	CD4JR35B	CD4JR35C	CD4JR35D
			4.0	CD4JR40A	CD4JR40B	CD4JR40C	CD4JR40D
			5.0	CD4JR50A	CD4JR50B	CD4JR50C	CD4JR50D
		Judkins Left	3.5	CD4JL35A	CD4JL35B	CD4JL35C	CD4JL35D
			4.0	CD4JL40A	CD4JL40B	CD4JL40C	CD4JL40D
			5.0	CD4JL50A	CD4JL50B	CD4JL50C	CD4JL50D
		Amplatz Right	1.0	CD4AR10A	CD4AR10B	CD4AR10C	CD4AR10D
			2.0	CD4AR20A	CD4AR20B	CD4AR20C	CD4AR20D
		Amplatz Left	1.0	CD4AL10A	CD4AL10B	CD4AL10C	CD4AL10D
			2.0	CD4AL20A	CD4AL20B	CD4AL20C	CD4AL20D
		Multipurpose (Standard)		CD4MPSTA	CD4MPSTB	CD4MPSTC	CD4MPSTD
		Internal Mammary (Standard)		CD4IMSTA	CD4IMSTB	CD4IMSTC	CD4IMSTD
		Pigtail (Standard)		CD4PTSTA	CD4PTSTB	CD4PTSTC	CD4PTSTD
		Simmons	2	ND4SIM2A	ND4SIM2B	ND4SIM2C	ND4SIM2D
		Davis (Standard)		ND4DAVSTA	ND4DAVSTB	ND4DAVSTC	ND4DAVSTD
	Newton (HN5)		ND4HN5A	ND4HN5B	ND4HN5C	ND4HN5D	
	Bentson (JB)	2	ND4JB2A	ND4JB2B	ND4JB2C	ND4JB2D	
	Headhunter1	1	ND4H1A	ND4H1B	ND4H1C	ND4H1D	

Hard Model

4Fr (OD x ID = 1.38 x 1.03 mm)

Usable Length (cm)				65	80	100	125
Tip		Judkins Left	3.5	CD4JL35A-H	CD4JL35B-H	CD4JL35C-H	CD4JL35D-H
			4.0	CD4JL40A-H	CD4JL40B-H	CD4JL40C-H	CD4JL40D-H
			5.0	CD4JL50A-H	CD4JL50B-H	CD4JL50C-H	CD4JL50D-H

Standard Model

5Fr (OD x ID = 1.70 x 1.20 mm)

Usable Length (cm)				65	80	100	125
Tip		Judsons Right	3.5	CD5JR35A	CD5JR35B	CD5JR35C	CD5JR35D
			4.0	CD5JR40A	CD5JR40B	CD5JR40C	CD5JR40D
			5.0	CD5JR50A	CD5JR50B	CD5JR50C	CD5JR50D
		Judsons Left	3.5	CD5JL35A	CD5JL35B	CD5JL35C	CD5JL35D
			4.0	CD5JL40A	CD5JL40B	CD5JL40C	CD5JL40D
			5.0	CD5JL50A	CD5JL50B	CD5JL50C	CD5JL50D
		Amplatz Right	1.0	CD5AR10A	CD5AR10B	CD5AR10C	CD5AR10D
			2.0	CD5AR20A	CD5AR20B	CD5AR20C	CD5AR20D
		Amplatz Left	1.0	CD5AL10A	CD5AL10B	CD5AL10C	CD5AL10D
			2.0	CD5AL20A	CD5AL20B	CD5AL20C	CD5AL20D
		Multipurpose (Standard)		CD5MPSTA	CD5MPSTB	CD5MPSTC	CD5MPSTD
		Internal Mammary (Standard)		CD5IMSTA	CD5IMSTB	CD5IMSTC	CD5IMSTD
		Pigtail (Standard)		CD5PTSTA	CD5PTSTB	CD5PTSTC	CD5PTSTD
		Simmons	2	ND5SIM2A	ND5SIM2B	ND5SIM2C	ND5SIM2D
		Davis (Standard)		ND5DAVSTA	ND5DAVSTB	ND5DAVSTC	ND5DAVSTD
		Newton (HN5)		ND5HN5A	ND5HN5B	ND5HN5C	ND5HN5D
		Bentson (JB)	2	ND5JB2A	ND5JB2B	ND5JB2C	ND5JB2D
				ND5H1A	ND5H1B	ND5H1C	ND5H1D
		Headhunter1	1	ND5H1A	ND5H1B	ND5H1C	ND5H1D

Hard Model

5Fr (OD x ID = 1.70 x 1.20 mm)

Usable Length (cm)				65	80	100	125
Tip		Judsons Right	3.5	CD5JR35A-H	CD5JR35B-H	CD5JR35C-H	CD5JR35D-H
			4.0	CD5JR40A-H	CD5JR40B-H	CD5JR40C-H	CD5JR40D-H
			5.0	CD5JR50A-H	CD5JR50B-H	CD5JR50C-H	CD5JR50D-H
		Judsons Left	3.5	CD5JL35A-H	CD5JL35B-H	CD5JL35C-H	CD5JL35D-H
			4.0	CD5JL40A-H	CD5JL40B-H	CD5JL40C-H	CD5JL40D-H
			5.0	CD5JL50A-H	CD5JL50B-H	CD5JL50C-H	CD5JL50D-H
		Amplatz Right	1.0	CD5AR10A-H	CD5AR10B-H	CD5AR10C-H	CD5AR10D-H
			2.0	CD5AR20A-H	CD5AR20B-H	CD5AR20C-H	CD5AR20D-H
		Amplatz Left	1.0	CD5AL10A-H	CD5AL10B-H	CD5AL10C-H	CD5AL10D-H
			2.0	CD5AL20A-H	CD5AL20B-H	CD5AL20C-H	CD5AL20D-H
		Multipurpose (Standard)		CD5MPSTA-H	CD5MPSTB-H	CD5MPSTC-H	CD5MPSTD-H
		Internal Mammary (Standard)		CD5IMSTA-H	CD5IMSTB-H	CD5IMSTC-H	CD5IMSTD-H

Standard Model

6Fr (OD x ID = 2.00 x 1.40 mm)

Usable Length (cm)				65	80	100	125
Tip		Judsons Right	3.5	CD6JR35A	CD6JR35B	CD6JR35C	CD6JR35D
			4.0	CD6JR40A	CD6JR40B	CD6JR40C	CD6JR40D
			5.0	CD6JR50A	CD6JR50B	CD6JR50C	CD6JR50D
		Judsons Left	3.5	CD6JL35A	CD6JL35B	CD6JL35C	CD6JL35D
			4.0	CD6JL40A	CD6JL40B	CD6JL40C	CD6JL40D
			5.0	CD6JL50A	CD6JL50B	CD6JL50C	CD6JL50D
		Amplatz Right	1.0	CD6AR10A	CD6AR10B	CD6AR10C	CD6AR10D
			2.0	CD6AR20A	CD6AR20B	CD6AR20C	CD6AR20D
		Amplatz Left	1.0	CD6AL10A	CD6AL10B	CD6AL10C	CD6AL10D
			2.0	CD6AL20A	CD6AL20B	CD6AL20C	CD6AL20D
		Multipurpose (Standard)		CD6MPSTA	CD6MPSTB	CD6MPSTC	CD6MPSTD
		Internal Mammary (Standard)		CD6IMSTA	CD6IMSTB	CD6IMSTC	CD6IMSTD
		Pigtail (Standard)		CD6PTSTA	CD6PTSTB	CD6PTSTC	CD6PTSTD

Hard Model

6Fr (OD x ID = 2.00 x 1.40 mm)

Usable Length (cm)				65	80	100	125
Tip		Judsons Right	3.5	CD6JR35A-H	CD6JR35B-H	CD6JR35C-H	CD6JR35D-H
			4.0	CD6JR40A-H	CD6JR40B-H	CD6JR40C-H	CD6JR40D-H
			5.0	CD6JR50A-H	CD6JR50B-H	CD6JR50C-H	CD6JR50D-H
		Judsons Left	3.5	CD6JL35A-H	CD6JL35B-H	CD6JL35C-H	CD6JL35D-H
			4.0	CD6JL40A-H	CD6JL40B-H	CD6JL40C-H	CD6JL40D-H
			5.0	CD6JL50A-H	CD6JL50B-H	CD6JL50C-H	CD6JL50D-H
		Amplatz Right	1.0	CD6AR10A-H	CD6AR10B-H	CD6AR10C-H	CD6AR10D-H
			2.0	CD6AR20A-H	CD6AR20B-H	CD6AR20C-H	CD6AR20D-H
		Amplatz Left	1.0	CD6AL10A-H	CD6AL10B-H	CD6AL10C-H	CD6AL10D-H
			2.0	CD6AL20A-H	CD6AL20B-H	CD6AL20C-H	CD6AL20D-H
		Multipurpose (Standard)		CD6MPSTA-H	CD6MPSTB-H	CD6MPSTC-H	CD6MPSTD-H
		Internal Mammary (Standard)		CD6IMSTA-H	CD6IMSTB-H	CD6IMSTC-H	CD6IMSTD-H

Peripheral Intervention Device

GENOSS PTA Balloon Catheter
UNIS PICC
GENOSS Inflator B40

GENOSS PTA Balloon Catheter

Just-fit end tip

- A just-fit end tip to the 0.035" guide wire

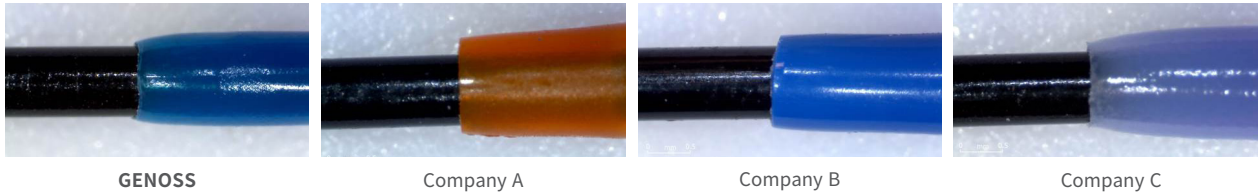
Rapid deflation time

- Possible to attain rapid deflation speed

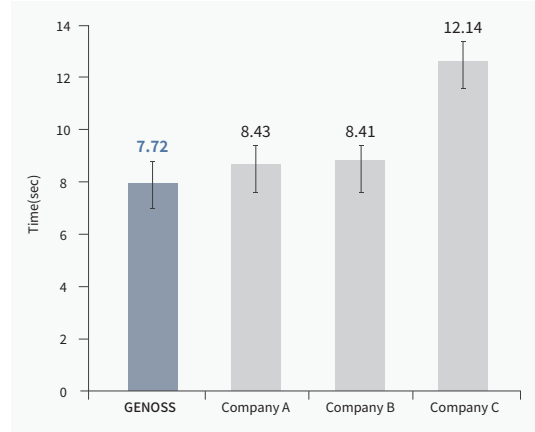
Specification

Catheter design	Over the wire
Balloon coating	Hydrophilic
Shaft profile	5 Fr (1.78 mm) / 6 Fr (1.98 mm)
Catheter lengths	50 / 80 / 130 cm
Introducer sheath compatibility	6 Fr - 7 Fr
Guidewire compatibility	0.035* (0.89 mm)

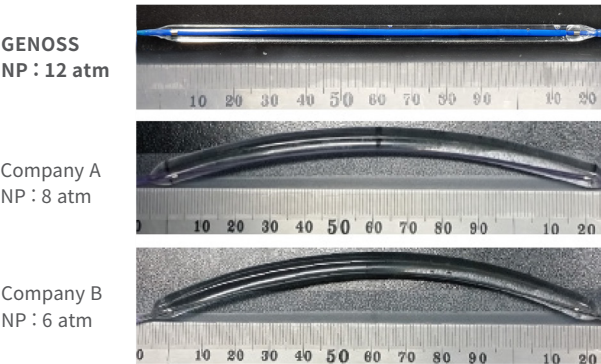
Just-fit end tip 0.035" Guide wire



Rapid deflation time Deflation (3 times) (Ø7.0 x 40 mm)



Balloon shape (Ø6.0 x 120 mm)



Order information

Catheter length : 50 cm

Balloon diameter (mm)	Balloon length (mm)					
	20	40	60	80	100	120
4.0	GPNC-04-020-050	GPNC-04-040-050	GPNC-04-060-050	GPNC-04-080-050	GPNC-04-100-050	GPNC-04-120-050
5.0	GPNC-05-020-050	GPNC-05-040-050	GPNC-05-060-050	GPNC-05-080-050	GPNC-05-100-050	GPNC-05-120-050
6.0	GPNC-06-020-050	GPNC-06-040-050	GPNC-06-060-050	GPNC-06-080-050	GPNC-06-100-050	GPNC-06-120-050
7.0	GPNC-07-020-050	GPNC-07-040-050	GPNC-07-060-050	GPNC-07-080-050	GPNC-07-100-050	GPNC-07-120-050
8.0	GPNC-08-020-050	GPNC-08-040-050	GPNC-08-060-050	GPNC-08-080-050		
9.0	GPNC-09-020-050	GPNC-09-040-050	GPNC-09-060-050	GPNC-09-080-050		
10.0	GPNC-10-020-050	GPNC-10-040-050	GPNC-10-060-050			
12.0	GPNC-12-020-050	GPNC-12-040-050	GPNC-12-060-050			

Catheter length : 80 cm

Balloon diameter (mm)	Balloon length (mm)					
	20	40	60	80	100	120
4.0	GPNC-04-020-080	GPNC-04-040-080	GPNC-04-060-080	GPNC-04-080-080	GPNC-04-100-080	GPNC-04-120-080
5.0	GPNC-05-020-080	GPNC-05-040-080	GPNC-05-060-080	GPNC-05-080-080	GPNC-05-100-080	GPNC-05-120-080
6.0	GPNC-06-020-080	GPNC-06-040-080	GPNC-06-060-080	GPNC-06-080-080	GPNC-06-100-080	GPNC-06-120-080
7.0	GPNC-07-020-080	GPNC-07-040-080	GPNC-07-060-080	GPNC-07-080-080	GPNC-07-100-080	GPNC-07-120-080
8.0	GPNC-08-020-080	GPNC-08-040-080	GPNC-08-060-080	GPNC-08-080-080		
9.0	GPNC-09-020-080	GPNC-09-040-080	GPNC-09-060-080	GPNC-09-080-080		
10.0	GPNC-10-020-080	GPNC-10-040-080	GPNC-10-060-080			
12.0	GPNC-12-020-080	GPNC-12-040-080	GPNC-12-060-080			

Catheter length : 130 cm

Balloon diameter (mm)	Balloon length (mm)					
	20	40	60	80	100	120
4.0	GPNC-04-020-130	GPNC-04-040-130	GPNC-04-060-130	GPNC-04-080-130	GPNC-04-100-130	GPNC-04-120-130
5.0	GPNC-05-020-130	GPNC-05-040-130	GPNC-05-060-130	GPNC-05-080-130	GPNC-05-100-130	GPNC-05-120-130
6.0	GPNC-06-020-130	GPNC-06-040-130	GPNC-06-060-130	GPNC-06-080-130	GPNC-06-100-130	GPNC-06-120-130
7.0	GPNC-07-020-130	GPNC-07-040-130	GPNC-07-060-130	GPNC-07-080-130	GPNC-07-100-130	GPNC-07-120-130
8.0	GPNC-08-020-130	GPNC-08-040-130	GPNC-08-060-130	GPNC-08-080-130		
9.0	GPNC-09-020-130	GPNC-09-040-130	GPNC-09-060-130	GPNC-09-080-130		
10.0	GPNC-10-020-130	GPNC-10-040-130	GPNC-10-060-130			
12.0	GPNC-12-020-130	GPNC-12-040-130	GPNC-12-060-130			

Compliance chart

Balloon diameter (mm)		Ø4.0		Ø5.0		Ø6.0		Ø7.0		Ø8.0	Ø9.0	Ø10.0	Ø12.0
Balloon length (mm)		20 - 60	80 - 120	20 - 80	100 - 120	20 - 80	100 - 120	20 - 80	100 - 120	20 - 80	20 - 80	20 - 60	20 - 60
Nominal pressure (NP)	atm	12	12	12	12	12	12	12	12	12	11	10	10
	Ø (mm)	4.03	4.04	5.00	5.00	5.98	5.98	7.02	7.00	7.99	9.01	10.05	12.04
Rated burst pressure (RBP)	atm	23	20	23	20	23	20	23	20	18	16	14	14
	Ø (mm)	4.58	4.48	5.47	5.38	6.61	6.48	7.80	7.53	8.28	9.32	10.38	12.32

Recommended sheath 6 Fr

Recommended sheath 7 Fr

UNIS PICC

Description

- Large lumen diameter
- Reverse tapered design
- Easy identification

Specification

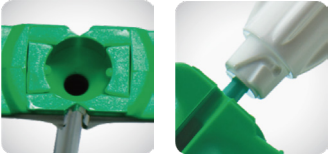
5 Fr Single-lumen 5 Fr Dual-lumen 6 Fr Triple-lumen



Accessories

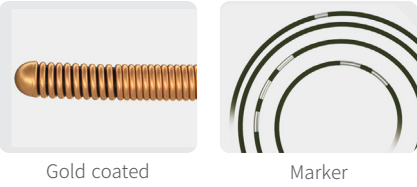
1. Peel away sheath

- Easy-to-thread funnel system
- Patented locking system



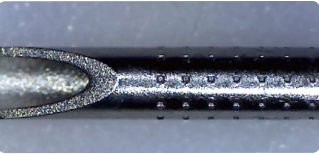
2. Better radiopaque guide wire

- 2 types of length (70 / 120 cm)
- Improvement of radiopacity



3. Better visible needle

- Dimpling method
- Improvement of visibility



Order information

Model	French size (outer Diameter)	Lumens	Gauge size (inner Diameter)	Catheter length (cm)	Maximum flow rate (with warmed Contrast)	Priming volume	Guide wire length (cm)
GP-5SIR	5 Fr	1	16.5	55	5 ml / sec	< 0.67 ml	120
GP-5DIR		2	18 / 18			< 0.8 ml	
GP-6TIR	6 Fr	3	17 / 19 / 19		6 ml / sec	< 1.0 ml	70
GP-5SIR70	5 Fr	1	16.5		5 ml / sec	< 0.67 ml	
GP-5DIR70		2	18 / 18			< 0.8 ml	
GP-6TIR70	6 Fr	3	17 / 19 / 19		6 ml / sec	< 1.0 ml	



GENOSS

Inflator B40

Ergonomic design

- Ergonomic design for comfortable handling

Rapid and easy deflation

- 30 cc barrel for rapid and easy deflation

Specification

Pressure gauge	Max. 40 atm
Volume	30 cc
Design	Non-slip design when handling
Material	Clear appearance for easy air bubbles check

Applications

- Radiology

Characteristics



Easy handling of fixation and release



Ergonomic handle for pressurization



Drop prevention design



Order information

Model No.	Volume(cc)	Maximum pressure gauge(atm)
GBI-B40	30	40
GBI-B40V		

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