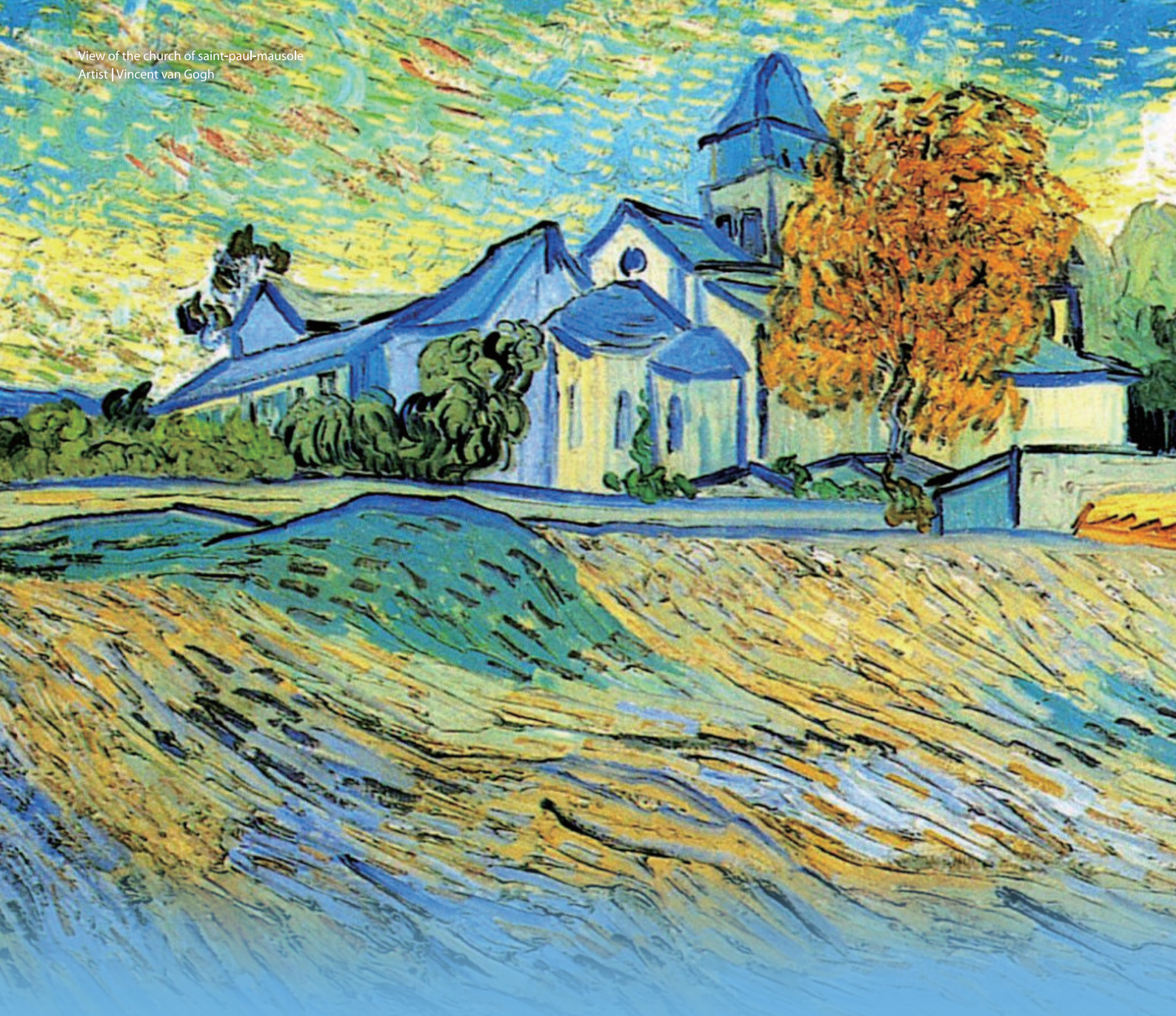

View of the church of saint-paul-mausole
Artist | Vincent van Gogh

GENOSS
Vascular Intervention Device

Coronary Intervention Device

GENOSS DES (Sirolimus Eluting Coronary Stent System)
GENOSS PTCA Balloon Catheter
GENOSS PTCA Balloon Catheter- CTO
NC GENOSS PTCA Balloon Catheter
Extractor Aspiration Catheter
GENOSS Inflator B30
GENOSS Inflator B30 & Y-Connector Set
GENOSS Control Syringe

Peripheral Intervention Device

GENOSS PTA Balloon Catheter
GENOSS Inflator B40
GENOSS UNIS (Power Injectable PICC)

GENOSS
For Patients & Doctors

GENOSS
Vascular Intervention Device

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Coronary Intervention Device

Peripheral Intervention Device

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9-Month cinical outcomes of GENOSS DES

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kcj
Korean Circulation Journal

Original Article

Check for updates

Clinical and Angiographic Outcomes of the First Korean-made Sirolimus-Eluting Coronary Stent with Abluminal Bioresorbable Polymer

Hyoung-Mo Yang, MD[1], Kyoung-Woo Seo, MD[1], Junghan Yoon, MD[2], Hyo-Soo Kim, MD[3], Kiyuk Chang, MD[4], Hong-Seok Lim, MD[1], Byoung-Joo Choi, MD[1], So-Yeon Choi, MD[1], Myeong-Ho Yoon, MD[1], Seung-Hwan Lee, MD[2], Sung Gyun Ahn, MD[2], Young Jin Youn, MD[2], Jun-Won Lee, MD[2], Bon-Kwon Koo, MD[3], Kyung Woo Park, MD[3], Han-Mo Yang, MD[3], Jung-Kyu Han, MD[3], Ki-Bae Seung, MD[4], Wook-Sung Chung, MD[4], Pum-Joon Kim, MD[4], Yoon-Seok Koh, MD[4], Hun-Jun Park, MD[4], and Seung-Jea Tahk, MD, PhD,[1]

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Conflict of Interest
Tahk SJ received research grant from Genoss Compnary Limitied, and other investigators did not have any financial relationships or any other biases or conflicts of interest related with this study.

ABSTRACT

Background and Objectives: This trial evaluated the safety and efficacy of the Genoss drug-eluting coronary stent.
Methods: This study was a prospective, multicenter, randomized trial with a 1:1 ratio of Genoss drug-eluting stent (DES)™ and Promus Element™. Inclusion criteria were the presence of stable angina, unstable angina, or silent ischemia. Angiographic inclusion criteria were de novo coronary stenotic lesion with diameter stenosis >50%, reference vessel diameter of 2.5–4.0 mm, and lesion length ≤40 mm. The primary endpoint was in-stent late lumen loss at 9-month quantitative coronary angiography follow-up. Secondary endpoints were in-segment late lumen loss, binary restenosis rate, death, myocardial infarction (MI), target lesion revascularization (TLR), target vessel revascularization (TVR), and stent thrombosis during 9 months of follow-up.
Results: We enrolled 38 patients for the Genoss DES™ group and 39 patients for the Promus Element™ group. In-stent late lumen loss at 9 months was not significantly different between the 2 groups (0.11±0.25 vs. 0.16±0.43 mm, p=0.567). There was no MI or stent thrombosis in either group. The rates of death (2.6% vs. 0%, p=0.494), TLR (2.6% vs. 2.6%, p=1.000), and TVR (7.9% vs. 2.6%, p=0.358) at 9 months were not significantly different.
Conclusion: This first-in-patient study of the Genoss DES™ stent showed excellent angiographic outcomes for in-stent late lumen loss and major adverse cardiac events over a 9-month follow-up.

Keywords: Drug-eluting stents; Coronary artery disease; Sirolimus

GENOSS™ DES

Sirolimus Eluting Coronary Stent System

CE 1783

Sirolimus eluting coronary stent
· Well known drug, sirolimus is controlled for optimal release

Ultra thin strut of cobalt chromium alloy
· 70μm of strut thickness allows exceptional flexibility and ensures minimal vessel injury

Abluminal bioresorbable polymer
· Minimized use of coating materials controls release rate of drug (coating thickness < 4μm)
· This polymer is only coated on part where stent contacts with the inner wall of vessels
· It becomes 'bare metal stent' after release of the drug and termination of degradation of biocompatible polymer

Improved flexibility
· Open-cell design offers great flexibility in complex lesions and derives effective navigation in tortuous anatomy
· This flexibility makes superior deliverability without compromise in complex anatomy

Optimized radial force
· It resists compression of lesion and maintain luminal gain

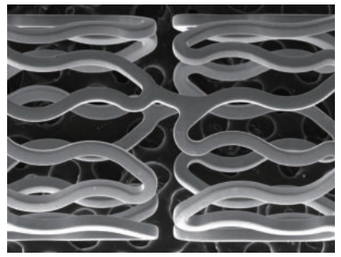
Low profile delivery catheter system
· This system is very effective for small vessel treatment and has improved trackability

Hydrophilic coating
· This coating provides great trackability and crossability

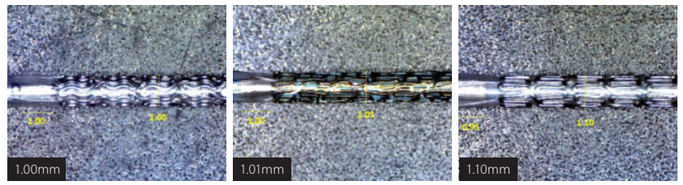
Specification

Stent material	Cobalt-Chromium alloy, L-605
Polymer	Abluminal bioresorbable coating
Drug	Sirolimus
Drug dose	1.02μg/mm^2
Stent strut thickness	< 70μm
Drug coating thickness	< 4μm
Stent strut width	< 90μm
Nominal pressure	9atm(2.25~3.50mm), 10atm(3.75~4.00mm)
Rated burst pressure	16atm(2.25~3.50mm), 14atm(3.75~4.00mm)
Distal shaft coating	Hydrophilic coating
Distal shaft	2.7Fr(0.92mm)
Proximal shaft	2.0Fr(0.68mm)
Lesion entry profile	0.017″(0.43mm)
Usable length	1450mm
Stent shortening	< 1%
Stent recoil	< 2%
Min. guiding catheter ID	5Fr(0.056″)
Max. guide wire OD	0.014″(0.36mm)
Catheter type	Rapid exchange
Shelf life	2 years from sterilization date

Co-Cr strut design

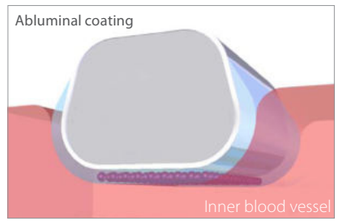


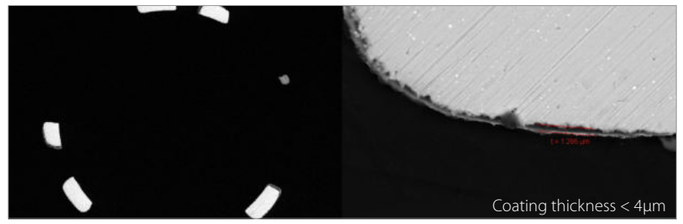
Crossing profile



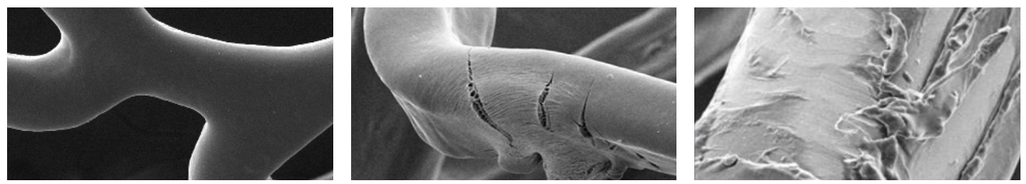
3.0 x 18 mm | 3.0 x 22 mm | 3.0 x 20 mm

Abluminal resorbable polymer

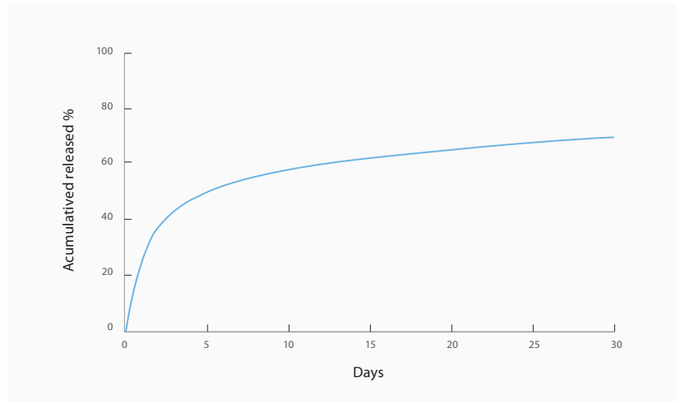




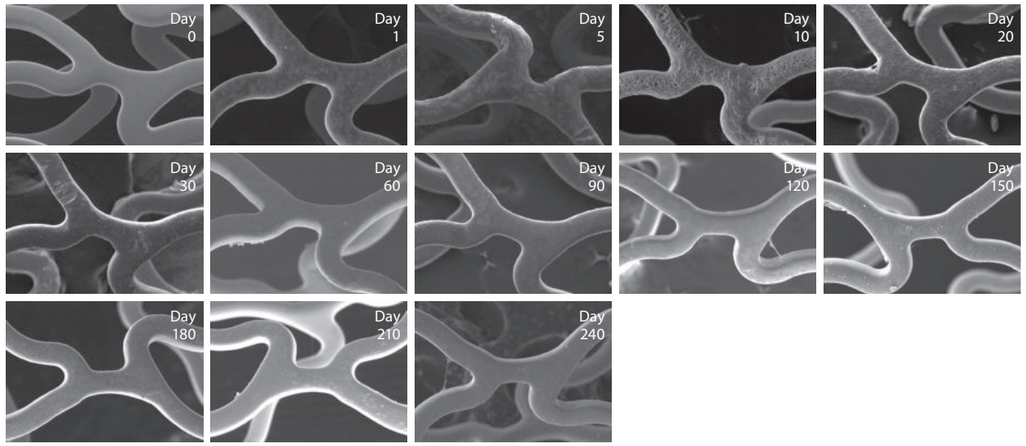
Polymer coating integrity after expansion



Sirolimus release profile



Bioresorbable polymer

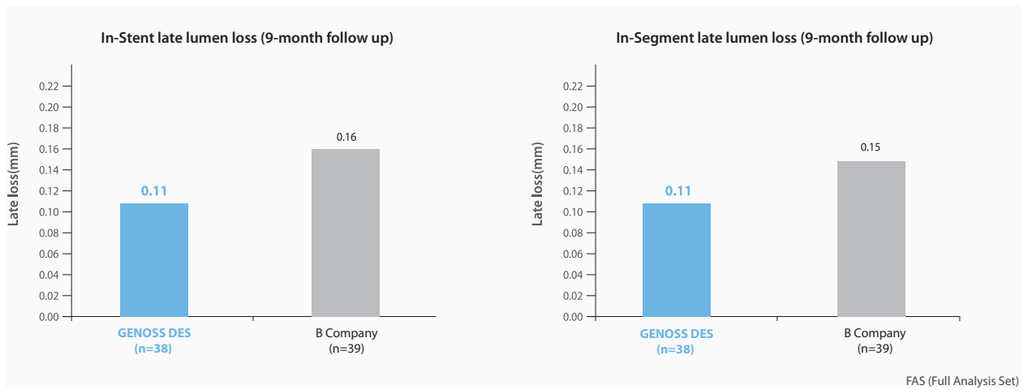


Angiographic and IVUS findings (9-month follow up)

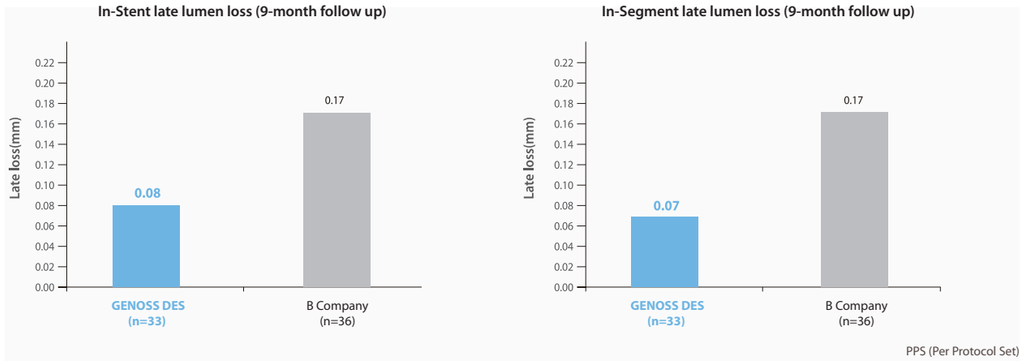
	GENOSS DES (n=38)	B Company (n=39)	p value
In-Stent late lumen loss (mm)	0.11±0.25	0.16±0.43	0.67
In-Segment late lumen loss (mm)	0.11±0.26	0.15±0.43	0.56
IVUS lumen CSA (mm^2)	0.69±1.44	0.59±0.81	0.70
IVUS stent CSA (mm^2)	0.10±0.70	0.26±0.42	0.25
EEM (external elastic membrane)	-0.24±0.79	0.49±1.32	0.006

Clinical outcomes (9-month follow up)

Stent malapposition	0	0	NA
Myocardial infarction	0	0	NA
Thrombosls	0	0	NA



FAS (Full Analysis Set)



PPS (Per Protocol Set)

Clinical cases

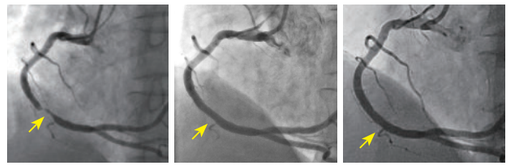
Clinical case 1

Pre Post 9-month follow up

Clinical case 2

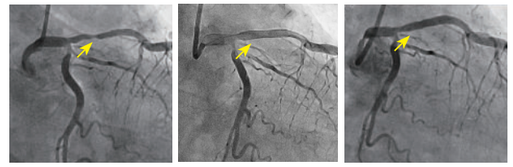
Pre Post 9-month follow up

Clinical case 3



Pre Post 9-month follow up

Clinical case 4



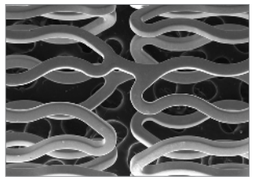
Pre Post 9-month follow up

Order information

Stent diameter (mm)	Stent length(mm)								
	8	13	15	18	20	23	28	33	38
2.25	GDES-8-225	GDES-13-225	GDES-15-225	GDES-18-225	GDES-20-225	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-20-250	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-20-275	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-20-300	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-20-325	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-20-350	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-20-375	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-20-400	GDES-23-400	GDES-28-400	GDES-33-400	GDES-38-400
4.50	GDES-8-450	GDES-13-450	GDES-15-450	GDES-18-450	GDES-20-450	GDES-23-450	GDES-28-450		
5.00	GDES-8-500	GDES-13-500	GDES-15-500	GDES-18-500	GDES-20-500	GDES-23-500	GDES-28-500		

Strut width & thickness

GENOSS DES



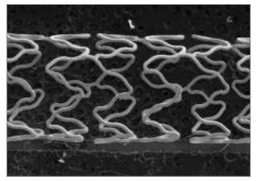
Strut width = 0.090mm
Strut thickness = 0.070mm

Company A

Strut width = 0.100mm
Strut thickness = 0.080mm

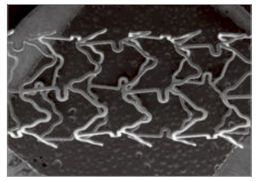
Shortening & recoil

GENOSS DES



Shortening < 1%
Recoil < 2%

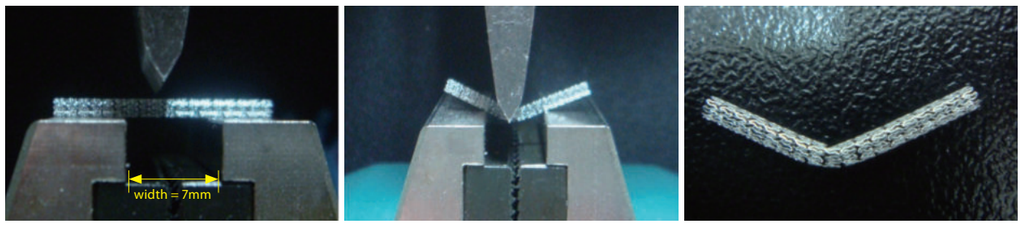
Company A



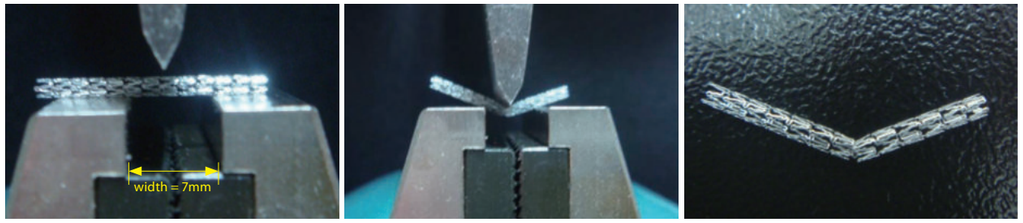
Shortening < 1%
Recoil < 5%

Flexibility

GENOSS DES

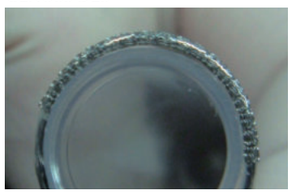


Company A



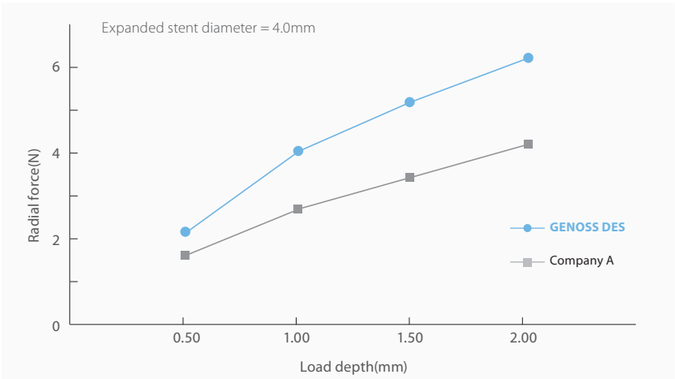
Kink resistance

GENOSS DES



Company A

Radial force



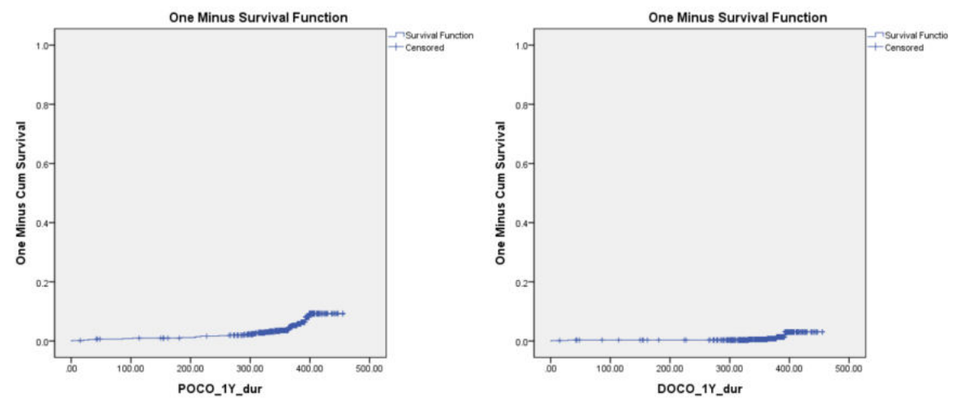
1 year clinical outcome of Genoss DES prospective registry

Clinical Outcomes (n=622)

Variables	12-Month Follow-up
Follow-up completion	608 (97.7)
Follow-up duration	365 (343,385)
Any death	4 (0.6)
Cardiovascular death	1 (0.2)
Myocardiovascular death	1 (0.6)
Target vessel myocardial infarction	1 (0.2)
Any revascularization	19 (3.1)
Target lesion revascularization	3 (0.5)
Target vessel revascularization	12 (1.9)
POCO	31 (5.0)
DOCO	7 (1.1)
Definite stent thrombosis	3 (0.5)
Definite or probable stent thrombos	4 (0.6)

Values are median (interquartile range) or n (%)
DOCO = device-oriented composite outcome; POCO = patient-oriented composite outcome

Kaplan-Meier Survival Curve



GENOSS™
PTCA Balloon Catheter

CE 2195

Hydrophilic coating
· This coating provides great trackability and crossability

Specially engineered 3-folded balloon
· It has excellent re-wrapping performence for superior re-crossability

Compliance profile
· Precise balloon inflation is assured by controlled pressure with low compliance property

Small and flexible tip
· Soft and tapered cross tip facilitates crossing challenging lesions

Great Pushability and trackability
· These are guaranteed by the PTFE coating hypotube combined with long skive

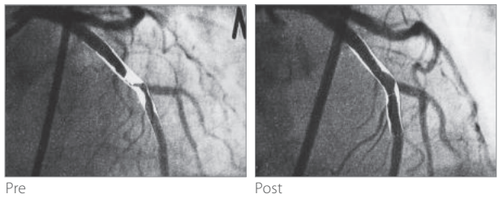
Wide Choice
· It has a wide range of balloon size
· Length : 10~40mm, Diameter : 1.50~5.00mm(including quarter sizes)

Specification

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

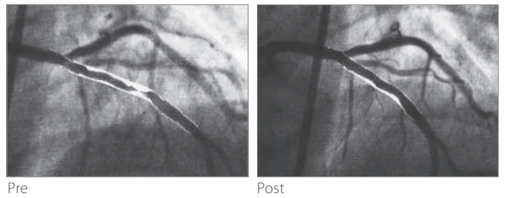
Clinical cases

Clinical case 1



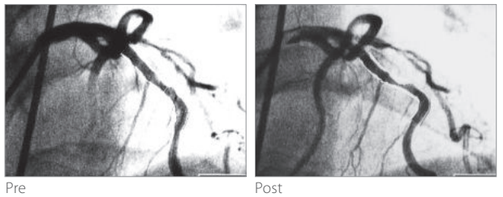
Pre Post

Clinical case 2



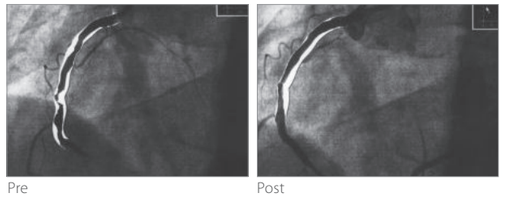
Pre Post

Clinical case 3



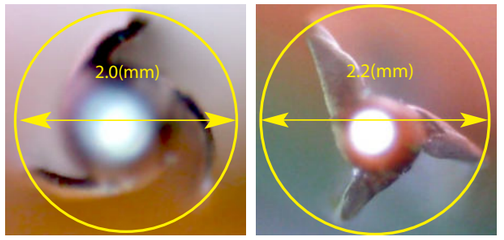
Pre Post

Clinical case 4



Pre Post

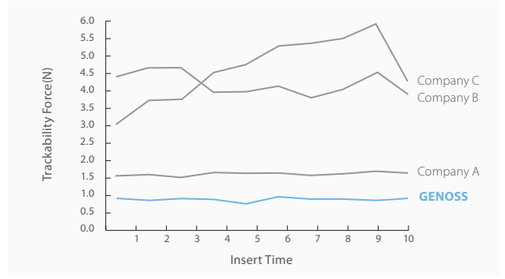
After re-folding profile



GENOSS PTCA
2.5 x 15 (mm)

Company A
2.5 x 15 (mm)

Trackability



Order information

Balloon diameter (mm)	Balloon length(mm)								
	10	12	15	18	20	25	30	35	40
1.50	GBC-10-150	GBC-12-150	GBC-15-150	GBC-18-150	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
2.50	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-10-350	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-10-375	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-10-400	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-10-450	GBC-12-450	GBC-15-450	GBC-18-450	GBC-20-450	GBC-25-450			
5.00	GBC-10-500	GBC-12-500	GBC-15-500	GBC-18-500	GBC-20-500	GBC-25-500			

GENOSS™ PTCA Balloon Catheter

CTO

CE 2195

Hydrophilic coating
· Hydrophilic coating provides great trackability and crossability

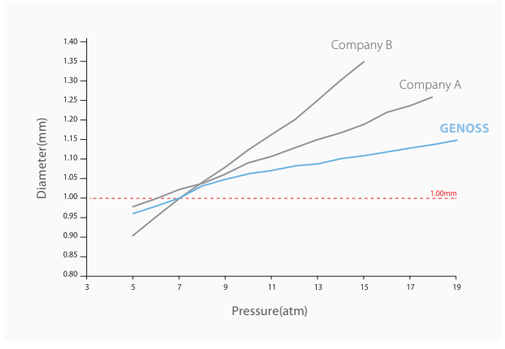
Ultimate smallest entry and balloon profile
· This makes excellent re-wrapping performence for superior re-crossability

Non-Compliance
· Precise balloon inflation is assured by controlled pressure with low compliance property

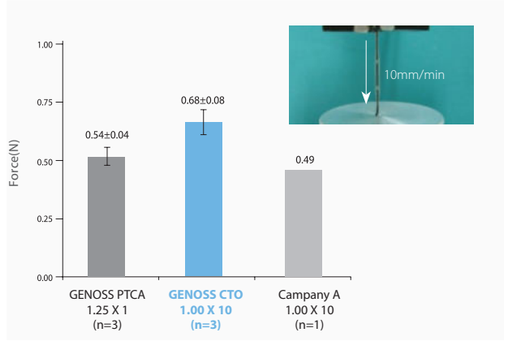
Improved property of end tip for CTO
· Low profile and tapered cross tip facilitates crossing calcified lesions

Great pushability and trackability
· These are guaranteed by the PTFE coating hypotube combined with long skive

Compliance



Compression force of the end tip



Order information

Model No.	Balloon diameter(mm)
GBC-10-100	1.00
GBC-10-110	1.10

NC GENOSS™ PTCA Balloon Catheter

CE 2195

Hydrophilic coating
· It provides great trackability and crossability

Non compliant balloon with superb material and progressive forming technology
· This technology makes excellent durability under high pressure circumstance

Soft and tapered tip design
· Soft and tapered cross tip facilitates crossing challenging lesions

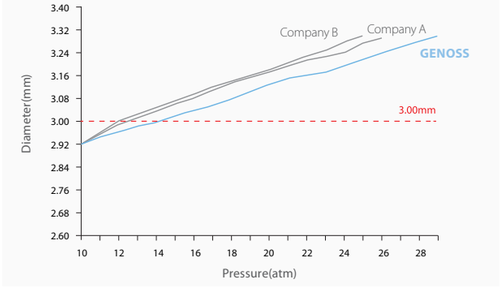
Innovative and flexible distal shaft
· This shaft maximizes flexibility by advanced design

Great pushability and trackability
· These are guaranteed by the PTFE coating hypotube combined with long skive

Specification

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

Compliance profile



Order information

Balloon diameter (mm)	Balloon length(mm)					
	8	10	12	16	18	20
2.00	GHBC-08-200	GHBC-10-200	GHBC-12-200	GHBC-16-200	GHBC-18-200	GHBC-20-200
2.25	GHBC-08-225	GHBC-10-225	GHBC-12-225	GHBC-16-225	GHBC-18-225	GHBC-20-225
2.50	GHBC-08-250	GHBC-10-250	GHBC-12-250	GHBC-16-250	GHBC-18-250	GHBC-20-250
2.75	GHBC-08-275	GHBC-10-275	GHBC-12-275	GHBC-16-275	GHBC-18-275	GHBC-20-275
3.00	GHBC-08-300	GHBC-10-300	GHBC-12-300	GHBC-16-300	GHBC-18-300	GHBC-20-300
3.25	GHBC-08-325	GHBC-10-325	GHBC-12-325	GHBC-16-325	GHBC-18-325	GHBC-20-325
3.50	GHBC-08-350	GHBC-10-350	GHBC-12-350	GHBC-16-350	GHBC-18-350	GHBC-20-350
3.75	GHBC-08-375	GHBC-10-375	GHBC-12-375	GHBC-16-375	GHBC-18-375	GHBC-20-375
4.00	GHBC-08-400	GHBC-10-400	GHBC-12-400	GHBC-16-400	GHBC-18-400	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

CE
2195

High performance of aspiration capacity
· It uniformly extracts through large lumen diameters

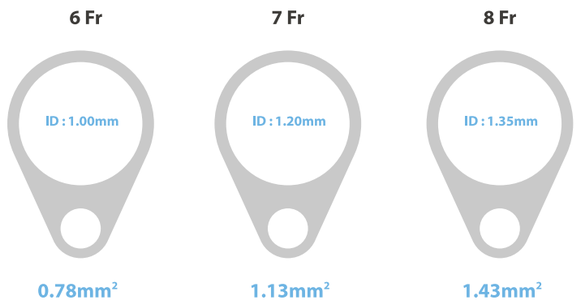
Hydrophilic coating(40cm)
· This coating enhances trackability and smooth navigation in tortuous anatomy

Dual working lengths
· It has standard working length of 140cm (6Fr & 7Fr) and special working length of 150cm (8Fr)

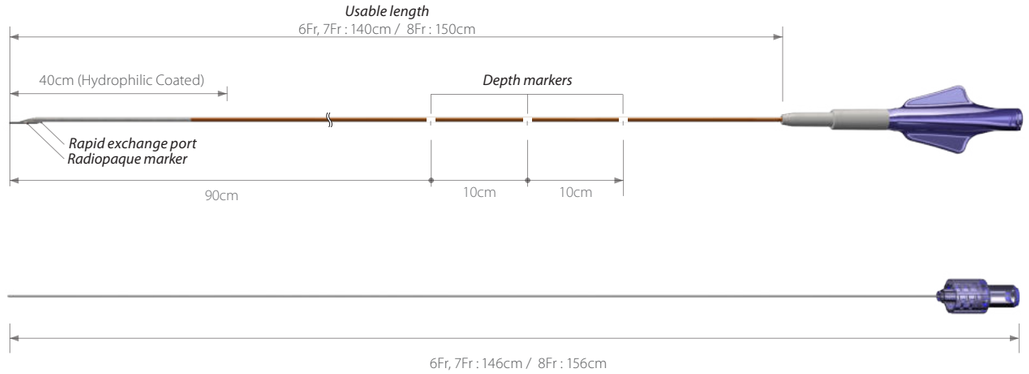
Useful depth markers
· These markers are positioned at 90cm-100cm-110cm from distal tip for measuring depth

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

Extraction area



Dimension



Package

Basic Set

Aspiration Catheter
1-Way Stop Cock/Extensiton Line
Lock syringe
Filter basket 180μm

Accessories

Order information

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

GENOSS™

CE 2195

Inflator B30

Ergonomic design
· Ergonomic design for comfortable handling

Rapid and easy deflation
· 30cc barrel allows rapid and easy deflation

Specification

Pressure gauge	Max.30 atm
Volume	20cc
Design	Ergonomic for optimal handling
Material	Clear visualization to remove air bubbles

Applications

· Cardiology
· Radiology
· Urology

Characteristics


Easy handling of fixation and release


Ergonomic handle for pressurization


Design for prevention of fall

Order information

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

GENOSS™

CE 2195

Inflator B30 & Y-Connector Set

Accessories


GYC-A


GYC-B


Y-Connector Hemostasis Valve

GYC-A

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

GYC-B

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

Accessories

· 20G introducer needle
· Torque device

Order information

Model No.	Inflator Model + Y-Connector Model	
GI30V-BA2	GBI-B30V	GYC-A20
GI30V-BB2	GBI-B30V	GYC-B20

GENOSS™ Control Syringe

CE 2195

Ergonomic Design
· Ergonomic design allows for comfortable handling

Clear Barrel Provides
· Provides exceptional clarity and glass feel

Durable Plunger Body
· Maintains stability and durability for handling

Rotating Luer
· Allow for flexibility and reliability in luer connection

Lock Option
· Allows for a vacuum or negative pressure to be maintained

Order information

Model No.	Volume(ml)	Type	Stopper
GCLS-12	12	Lock	White
GCS-12	12	Unlock	Transparency

Peripheral Intervention Device

GENOSS PTA Balloon Catheter
GENOSS Inflator B40
GENOSS UNIS (Power Injectable PICC)

GENOSS™
PTA Balloon Catheter

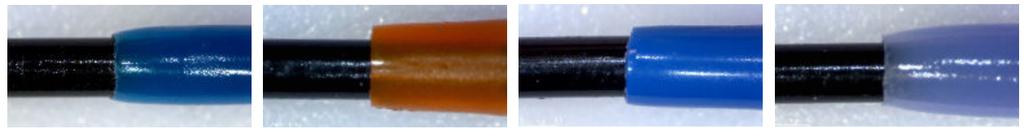
Just-fit end tip
· It has a just-fit end tip to the 0.035" guidewire

Enhanced deployment
· It's possible to make rapid deflation speed

Specification

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

Just-fit end tip 0.35" Guide Wire

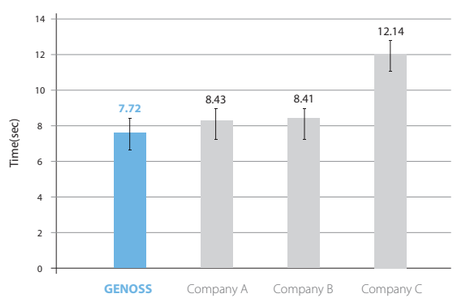


GENOSS | Company A | Company B | Company C

Rapid deflaltion time

(Ø7.0x40mm)

Deflation (3 times)



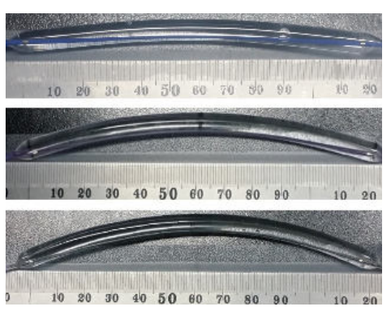
Balloon shape

(Ø6.0x120mm)

GENOSS
NP:12 atm

Company A
NP:8 atm

Company B
NP:6 atm



Order information

Catheter length: 50cm

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: 80cm

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: 130cm

Balloondiameter (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

Recommanded sheath **6Fr** Recommanded sheath **7Fr**

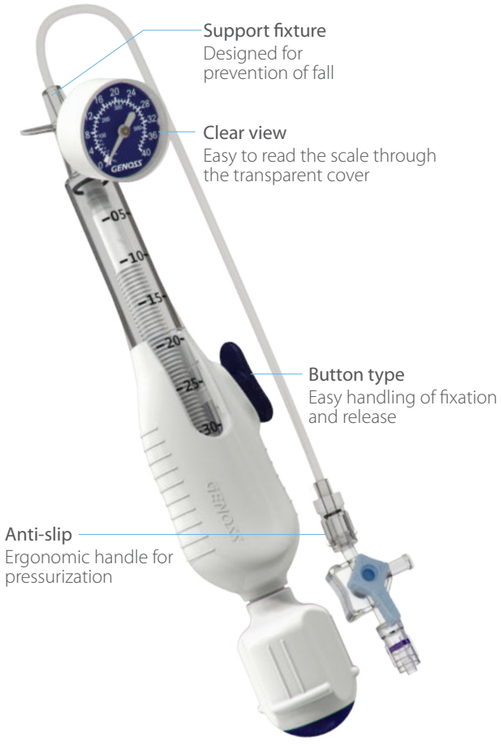
Balloon diameter(mm)		Ø4.0		Ø5.0		Ø6.0		Ø7.0		Ø8.0	Ø9.0	Ø10.0	Ø12.0
Balloon length(mm)		20-60	80-120	20-80	100-120	20-80	100-120	20-80	100-120	20-120	20-120	20-120	20-120
Nominal pressure (NP)	ATM	12	12	12	12	12	12	12	12	12	11	10	10
	Ø(mm)	4.03	4.04	5.00	5.00	5.98	5.98	7.02	7.00	7.99	9.01	10.05	12.04
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

GENOSS™ Inflator B40

CE 2195

Ergonomic design
· It has ergonomic design that allows comfortable handling

Rapid and easy deflation
· Its 30cc barrel allows rapid and easy deflation



Specification

Pressure gauge	Max.40 atm
Volume	30cc
Design	Ergonomic for optimal handling
Material	Clear visualization to remove air bubbles

Applications

· Radiology

Characteristics


Easy handling of fixation and release


Ergonomic handle for pressurization


Design for prevention of fall

Order information

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

GENOSS™ UNIS Power Injectable PICC

Design
· Large lumen Diameter
· Reverse Tapered Design
· Easily identification

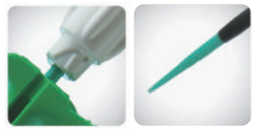
Main Shaft

Dual-lumen

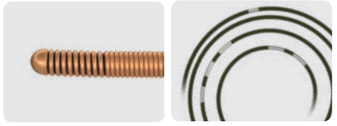
Triple-lumen

Accessories

1. Peel away sheath
· Patented locking system
· Smooth transition



2. Guide wire
· Gold plated coating wire
· Marker for length identification


Gold coated Marker

3. Introducer needle
· Method for improving visibility


Echogenic(Dimpling)

Order information

Model No.	Lumen	Catheter Size	Average Gravity Flow Rate(ml/h)	Injection Flow Rate(ml/s)
GP-5DIR	Dual	5Fr	569-572	5-5
GP-6DIR		6Fr	780-776	5-5
GP-5TIR	Triple	5Fr	990-196-196	6-NO CT-NO CT
GP-6TIR		6Fr	1,396-466-460	6-NO CT-NO CT

GENOSS
Vascular Intervention Device

Coronary Intervention Device

GENOSS DES (Sirolimus Eluting Coronary Stent System)
GENOSS PTCA Balloon Catheter
GENOSS PTCA Balloon Catheter- CTO
NC GENOSS PTCA Balloon Catheter
Extractor Aspiration Catheter
GENOSS Inflator B30
GENOSS Inflator B30 & Y-Connector Set
GENOSS Control Syringe

Peripheral Intervention Device

GENOSS PTA Balloon Catheter
GENOSS Inflator B40
GENOSS UNIS (Power Injectable PICC)

GENOSS Co., Ltd.

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