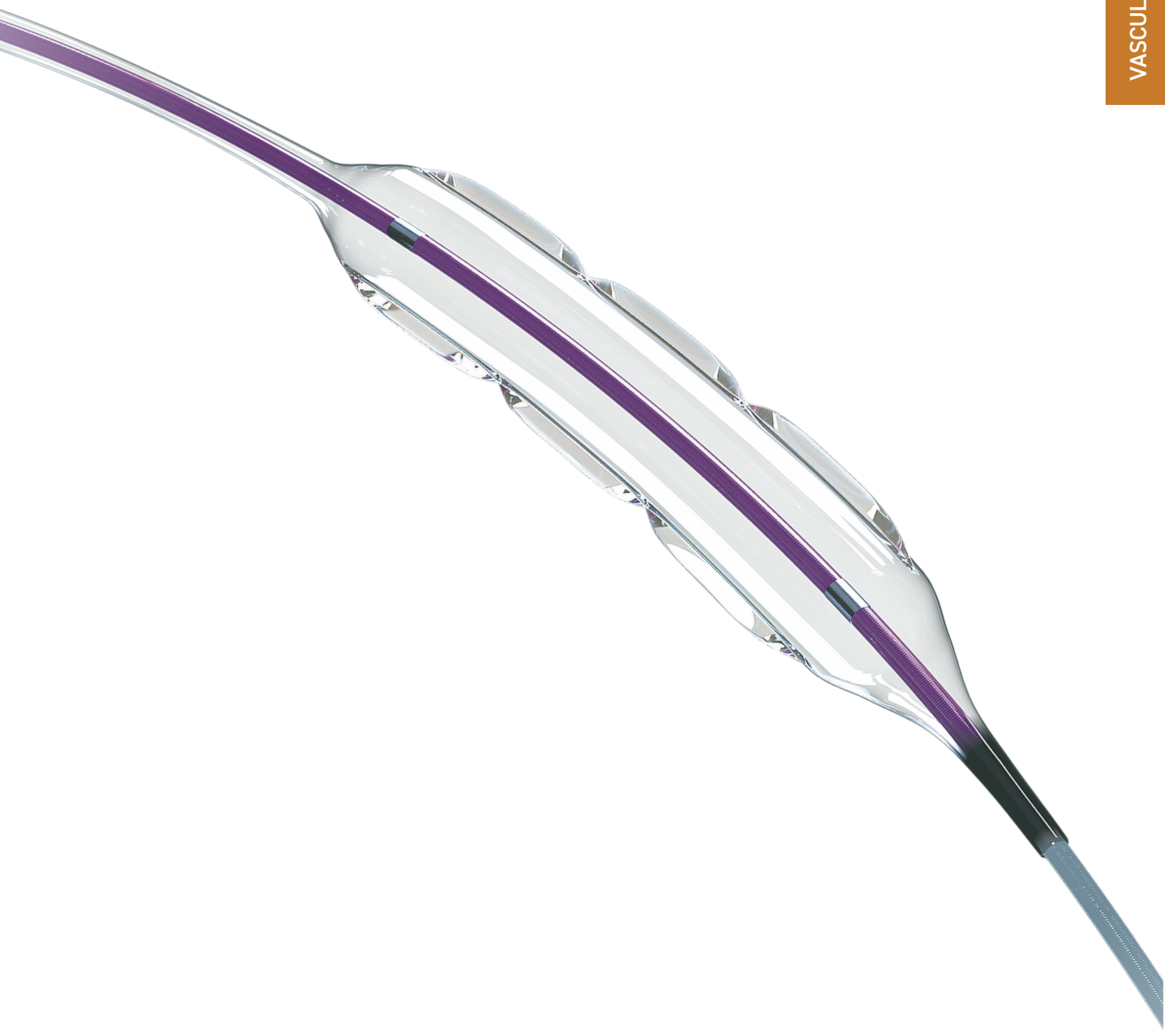
PRODUCT DATA SHEET

VASCULAR



Aperta NSE™

CORONARY DILATATION CATHETER

NIPRO

Aperta NSE™

A modified design to the NSE scoring balloon catheter ensures a greater scoring effect on a non-compliant platform with a lower crossing profile.
Aperta NSE™ is the next generation of NSE.

- Integrating the element with the balloon maintains the element positioning 120 degrees apart during balloon expansion.
- A non-compliant platform provides an increase in push transmission from the apex of the element.
- A reduced balloon crossing profile by eliminating the element connection.

PRODUCT COMPLIANCE

- Complies with the following norms, directives, and regulations:
  — PMDA

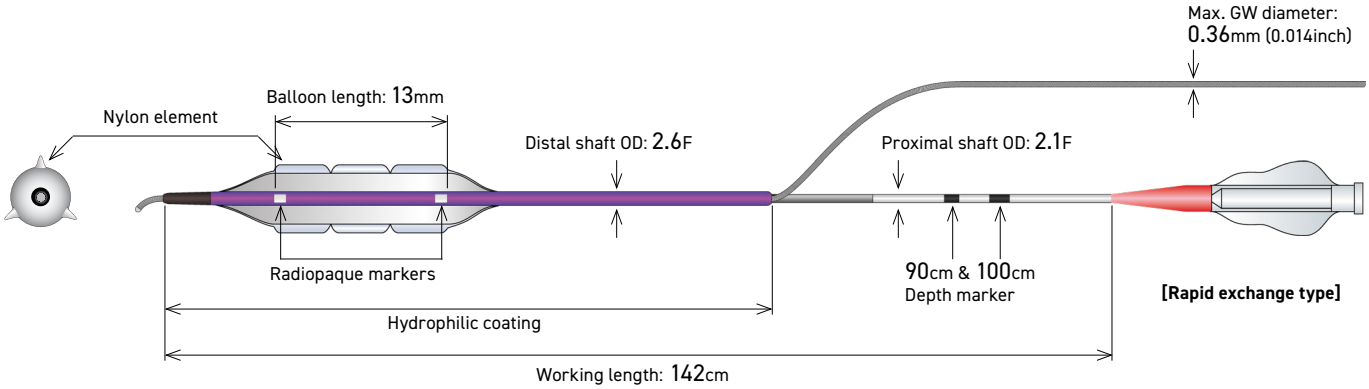
MANUFACTURING DETAILS

Legal manufacturer: Goodman Co., Ltd. A Nipro Company

Country of origin: Japan

STERILIZATION AND SHELF LIFE

Sterilization	Single-use only	Shelf life
Ethylene Oxide STERILE EO		36 months



PRODUCT DETAILS

Aperta NSE™ Coronary Dilatation Catheter

Specifications

- 3 triangular nylon elements (0.0155" in height)
- Non-Compliant scoring balloon catheter
- NP: 14 atm and RBP: 24 atm
- 2.6 F Distal Shaft OD
- 2.1 F Proximal Shaft OD
- 1.47mm (0.058") Minimum Guiding Catheter ID

Lesion Indication (BISHOP)

- Bifucation Lesion
- ISR lesion
- Small Vessel
- Hard Plaque
- Ostial Lesion
- Pre-dilatation

ORDERING INFORMATION

Reference code	Product name
APN20013	Aperta NSE™ Coronary Dilatation Catheter 2.00x13mm
APN22513	Aperta NSE™ Coronary Dilatation Catheter 2.25x13mm
APN25013	Aperta NSE™ Coronary Dilatation Catheter 2.50x13mm
APN27513	Aperta NSE™ Coronary Dilatation Catheter 2.75x13mm
APN30013	Aperta NSE™ Coronary Dilatation Catheter 3.00x13mm
APN32513	Aperta NSE™ Coronary Dilatation Catheter 3.25x13mm
APN35013	Aperta NSE™ Coronary Dilatation Catheter 3.50x13mm
APN40013	Aperta NSE™ Coronary Dilatation Catheter 4.00x13mm

COMPLIANCE CHART

Inflation pressure		Balloon diameter (mm)							
atm	kPa	2.00mm	2.25mm	2.50mm	2.75mm	3.00mm	3.25mm	3.50mm	4.00mm
4	4x10²	1.78	2.02	2.27	2.45	2.70	2.95	3.18	3.50
5	5x10²	1.81	2.05	2.30	2.50	2.73	2.98	3.23	3.55
6	6x10²	1.84	2.08	2.33	2.55	2.76	3.01	3.26	3.60
7	7x10²	1.86	2.11	2.36	2.59	2.79	3.04	3.29	3.65
8	8x10²	1.88	2.13	2.38	2.63	2.82	3.07	3.32	3.70
9	9x10²	1.90	2.15	2.40	2.65	2.85	3.10	3.35	3.75
10	10x10²	1.92	2.17	2.42	2.67	2.88	3.13	3.38	3.80
11	11x10²	1.94	2.19	2.44	2.69	2.91	3.16	3.41	3.85
12	12x10²	1.96	2.21	2.46	2.71	2.94	3.19	3.44	3.90
13	13x10²	1.98	2.23	2.48	2.73	2.97	3.22	3.47	3.95
14 (NP)	**14x10²**	**2.00**	**2.25**	**2.50**	**2.75**	**3.00**	**3.25**	**3.50**	**4.00**
15	15x10²	2.02	2.27	2.52	2.77	3.02	3.27	3.52	4.02
16	16x10²	2.04	2.29	2.54	2.79	3.04	3.29	3.54	4.04
17	17x10²	2.06	2.31	2.56	2.81	3.06	3.31	3.56	4.06
18	18x10²	2.08	2.33	2.58	2.83	3.08	3.33	3.58	4.08
19	19x10²	2.09	2.35	2.60	2.85	3.10	3.35	3.60	4.10
20	20x10²	2.10	2.36	2.62	2.87	3.12	3.37	3.62	4.12
21	21x10²	2.11	2.37	2.64	2.89	3.14	3.39	3.64	4.14
22	22x10²	2.12	2.38	2.66	2.91	3.16	3.41	3.66	4.16
23	23x10²	2.13	2.39	2.68	2.93	3.18	3.43	3.68	4.18
24 (RBP)	**24x10²**	**2.14**	**2.40**	**2.70**	**2.95**	**3.20**	**3.45**	**3.70**	**4.20**
25	25x10²	2.15	2.41	2.72	2.97	3.22	3.47	3.72	4.22
26	26x10²	2.16	2.42	2.74	2.99	3.24	3.49	3.74	4.24
27	27x10²	2.17	2.43	2.76	3.01	3.26	3.51	3.76	4.26

Languages

2 languages on the IFU

English (EN), Spanish (ES)

VAS - 0001 - Datasheet-Aperta NSE - EN - 10 Jul 2023