



INTERVENTIONAL
VASCULAR
DIAGNOSTICS AND
THERAPY

CARDIOLOGY

YOUR PARTNER FOR CORONARY ANGIOPLASTY

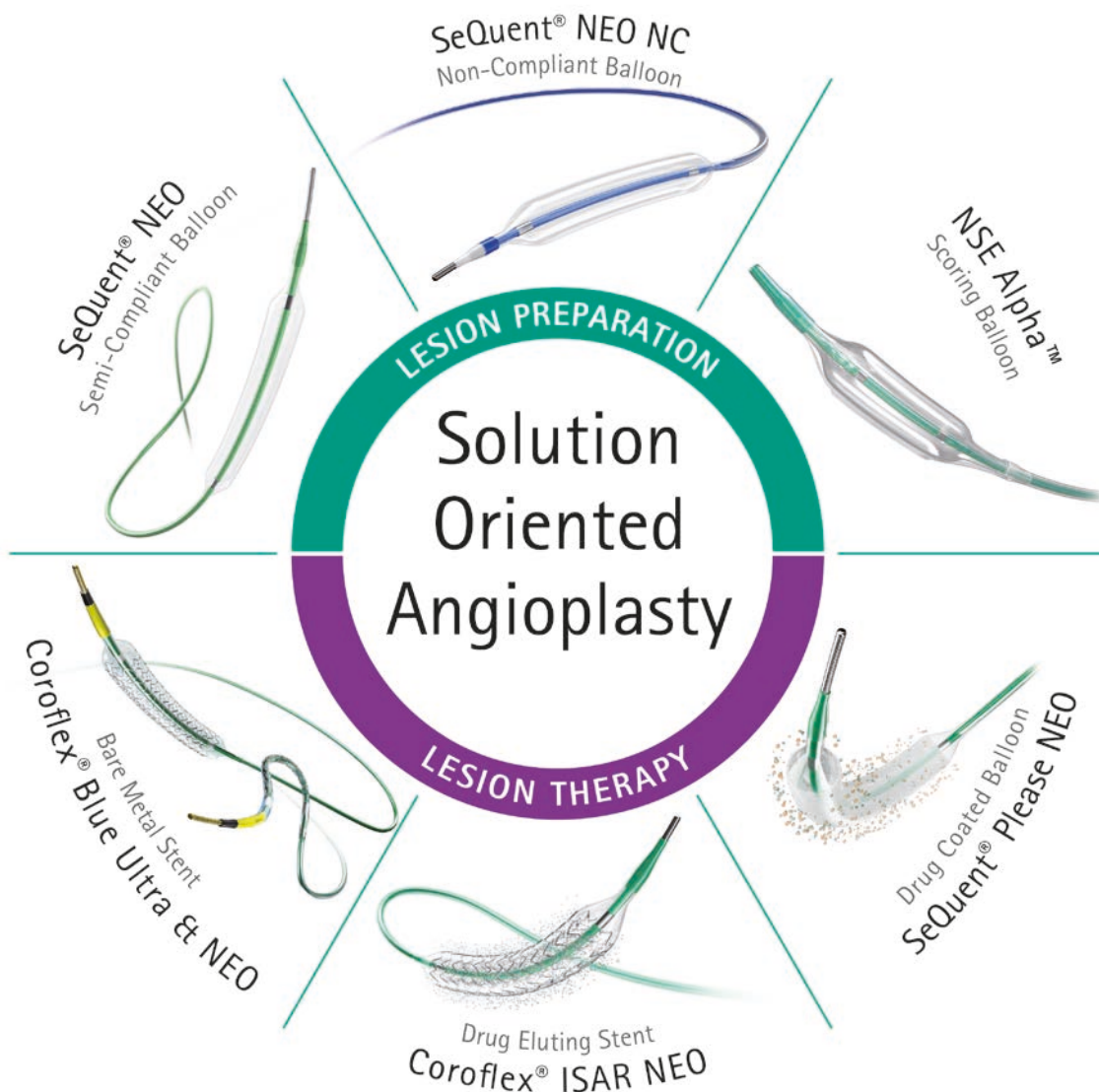
B. BRAUN VASCULAR SYSTEMS

THE EUROPEAN ALTERNATIVE FOR COMPETENT SERVICES AND HIGH QUALITY PRODUCTS

B. Braun Melsungen AG is one of the world's leading providers and manufacturers of healthcare solutions with a tradition going back more than 175 years.

The company offers products and services for vascular interventions, anesthesiology, intensive care medicine, infusion therapy, surgery and medical engineering. By offering supplementary services and consulting, B. Braun serves hospitals and doctors as a system partner.

Through constructive dialogues with partners and customers, more than 58.000 B. Braun employees are dedicated to developing effective solutions and contributing to medical advancement worldwide.



VASCULAR SYSTEMS

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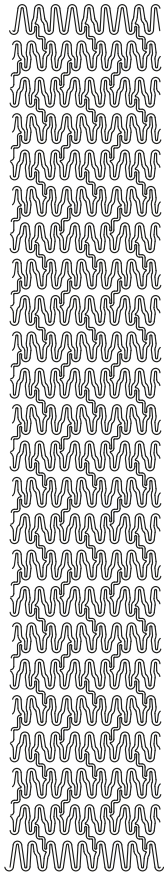
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Coroflex[®] Blue NEO

COBALT CHROMIUM CORONARY STENT SYSTEM



Coroflex Blue NEO is an innovative coronary stent system designed to offer excellent clinical performance. The combination of material benefits from cobalt chromium alloy and thin struts allows for a flexible stent architecture and low balloon profile. Coroflex Blue NEO enables uncompromised and precise stent delivery to the target lesion.

Advantages

▪ Stent

- Small balloon overhang (0.5 mm on each side of the stent)
- Excellent vessel wall conformability
- Enhanced radiopacity and high radial strength
- Proven biocompatibility
- Ideal for direct stenting
- Outstanding side branch accessibility





























▪ Lowest Crossing Profile

Ø 2.75 mm	0.033"
Ø 3.0 mm	0.034"
Ø 3.5 mm	0.035"
Ø 4.0 mm	0.035"

Stent material	Cobalt-chromium alloy L605
Stent strut thickness	60 µm (0.0024")
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Guiding catheter compatibility	5 F
Guide wire compatibility	0.014"
Lesion entry profile	0.016" (0.41 mm)

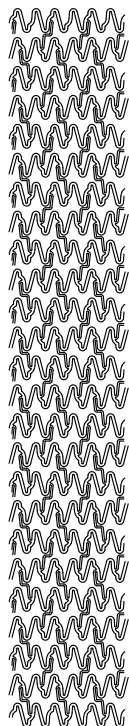
Coroflex® Blue NEO

COBALT CHROMIUM CORONARY STENT SYSTEM

	Stent Diameter (mm)	Stent Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.75	8	10	15	5029012	1
	3.0		10	15	5029013	1
	3.5		10	15	5029014	1
	4.0		10	12	5029015	1
	2.75	13	10	15	5029022	1
	3.0		10	15	5029023	1
	3.5		10	15	5029024	1
	4.0		10	12	5029025	1
	2.75	16	10	15	5029032	1
	3.0		10	15	5029033	1
	3.5		10	15	5029034	1
	4.0		10	12	5029035	1
	2.75	19	10	15	5029042	1
	3.0		10	15	5029043	1
	3.5		10	15	5029044	1
	4.0		10	12	5029045	1
	2.75	24	10	15	5029062	1
	3.0		10	15	5029063	1
	3.5		10	15	5029064	1
	4.0		10	12	5029065	1
	2.75	27	10	15	5029072	1
	3.0		10	15	5029073	1
	3.5		10	15	5029074	1
	4.0		10	12	5029075	1
	2.75	32	10	15	5029082	1
	3.0		10	15	5029083	1
	3.5		10	15	5029084	1
	4.0		10	12	5029085	1

Coroflex[®] Blue ULTRA

COBALT CHROMIUM CORONARY STENT SYSTEM



Coroflex Blue ULTRA is specifically designed for small vessels and the most challenging cases. Its stent strut thickness of only 50 µm favourably impacts the system's crossing profile and flexibility. Coroflex Blue ULTRA facilitates treatment options for complex small vessel diseases.

Advantages

▪ Stent

- Small balloon overhang
- Excellent vessel wall conformability
- Enhanced radiopacity and high radial strength
- Proven biocompatibility

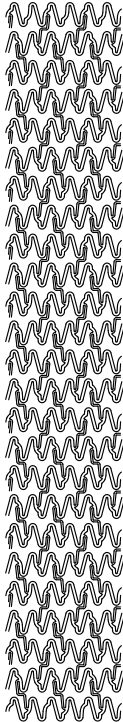
▪ Lowest Crossing Profile

Ø 2.0 mm	0.031"
Ø 2.25 mm	0.032"
Ø 2.5 mm	0.033"

Stent material	Cobalt-chromium alloy L605
Stent strut thickness	50 µm (0.0020")
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Guiding catheter compatibility	5 F
Guide wire compatibility	0.014"
Lesion entry profile	0.016" (0.41 mm)

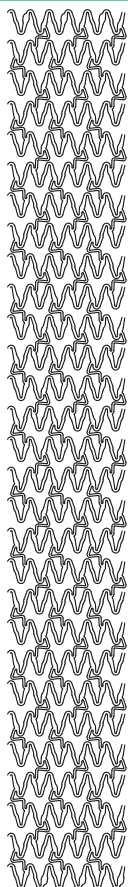
Coroflex[®] Blue ULTRA

COBALT CHROMIUM CORONARY STENT SYSTEM

	Stent Diameter (mm)	Stent Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.0	9	10	15	5028807	1
	2.25		10	15	5028808	1
	2.5		10	15	5028809	1
	2.0	14	10	15	5028817	1
	2.25		10	15	5028818	1
	2.5		10	15	5028819	1
	2.0	16	10	15	5028827	1
	2.25		10	15	5028828	1
	2.5		10	15	5028829	1
	2.0	19	10	15	5028837	1
	2.25		10	15	5028838	1
	2.5		10	15	5028839	1
	2.0	24	10	15	5028847	1
	2.25		10	15	5028848	1
	2.5		10	15	5028849	1
	2.25	27	10	15	5028858	1
	2.5		10	15	5028859	1
	2.5	32	10	15	5028869	1

Coroflex® ISAR NEO

NEXT GENERATION DRUG ELUTING STENT



Coroflex ISAR NEO represents B. Braun's next generation of Drug Eluting Stents. The stent coating is 100% polymer-free and provides sustained and controlled drug release. Coroflex ISAR NEO offers leading drug eluting technology for the daily routine and even succeeds in challenging anatomies.

Advantages

- **Proven Coating Technology**
 - Sirolimus: Anti-inflammatory and anti-proliferative agent
 - Probucol: Matrix excipient
 - Clinical evidence from endpoint trials for Coroflex ISAR coating technology
- **Improved Stent Design**
 - Decreased recoil
 - Improved radial strength
 - Better x-ray radiopacity
- **Latest Generation Catheter Platform**
 - SeQuent NEO for improved trackability
- **Enlarged Product Portfolio**
 - 56 different sizes, up to 38 mm in length

Stent material	Cobalt-chromium alloy L605
Stent strut thickness (without coating)	55 µm (0.0022") for stents 2.0 – 3.0 mm 65 µm (0.0022") for stents 3.5 – 4.0 mm
Matrix coating technology	50:50 ratio (Sirolimus/ Probucol)
Drug load on stent	1.2 µg/mm ²
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Guiding catheter compatibility	5 F (standard guiding catheter) 6 F (Kissing compatibility)
Guide wire compatibility	0.014"
Lesion entry profile	0.016" (0.41 mm)

Stent Diameter (mm)	Stent Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
2.0	9	10	18	5028910	1
2.25		10	18	5028911	1
2.5		10	18	5028912	1
2.75		10	18	5028913	1
3.0		10	18	5028914	1
3.5		10	18	5028915	1
4.0		10	15	5028916	1

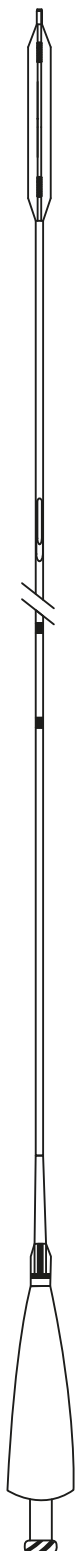
Coroflex® ISAR NEO

NEXT GENERATION DRUG ELUTING STENT

	Stent Diameter (mm)	Stent Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.0	12	10	18	5028917	1
	2.25		10	18	5028918	1
	2.5		10	18	5028919	1
	2.75		10	18	5028920	1
	3.0		10	18	5028921	1
	3.5		10	18	5028922	1
	4.0		10	15	5028923	1
	2.0	16	10	18	5028924	1
	2.25		10	18	5028925	1
	2.5		10	18	5028926	1
	2.75		10	18	5028927	1
	3.0		10	18	5028928	1
	3.5		10	18	5028929	1
	4.0		10	15	5028930	1
	2.0	19	10	18	5028931	1
	2.25		10	18	5028932	1
	2.5		10	18	5028933	1
	2.75		10	18	5028934	1
	3.0		10	18	5028935	1
	3.0		10	18	5028936	1
	4.0		10	15	5028937	1
	2.0	24	10	18	5028938	1
	2.25		10	18	5028939	1
	2.5		10	18	5028940	1
	2.75		10	18	5028941	1
	3.0		10	18	5028942	1
	3.5		10	18	5028943	1
	4.0		10	15	5028944	1
	2.0	28	10	18	5028945	1
	2.25		10	18	5028946	1
	2.5		10	18	5028947	1
	2.75		10	18	5028948	1
	3.0		10	18	5028949	1
	3.5		10	18	5028950	1
	4.0		10	15	5028951	1
	2.0	32	10	18	5028952	1
	2.25		10	18	5028953	1
	2.5		10	18	5028954	1
	2.75		10	18	5028955	1
	3.0		10	18	5028956	1
3.5		10	18	5028957	1	
4.0		10	15	5028958	1	
2.0	38	10	18	5028959	1	
2.25		10	18	5028960	1	
2.5		10	18	5028961	1	
2.75		10	18	5028962	1	
3.0		10	18	5028963	1	
3.5		10	18	5028964	1	
4.0		10	15	5028965	1	

SeQuent® Please NEO

NEXT GENERATION DRUG COATED BALLOON FOR PTCA



SeQuent Please NEO is the next generation Drug Coated Balloon for PTCA. Thanks to B. Braun's proprietary polymer-free Paclitaxel/ Iopromide drug coating technology, SeQuent Please NEO provides targeted drug delivery. Clinically proven, it offers new procedural options for cardiologists in their daily cath lab routine with respect to various lesion types and patient groups.

Advantages

▪ Proven Coating Technology

- The clinically proven matrix coating of Paclitaxel and Iopromide ensures homogenous drug release into the vessel wall.

▪ Improved Mechanical Features for improved Flexibility, Trackability and Pushability

- Reduced balloon wall thickness
- Hydrophilic coating
- Downsized tip profile
- Smaller balloon profile
- Improved shaft body design

▪ Enlarged Product Portfolio

- 49 different sizes, up to 40 mm in length

▪ Comprehensive Clinical Evidence

- 22 clinical trials, > 3.500 patient documented with various indications
- The Drug Coated Balloon is recommended in the highest possible evidence class IA for the treatment of both in-stent restenosis (ISR) in BMS and DES. All recommendations are solely based on clinical studies conducted with SeQuent Please.

▪ Late Lumen Enlargement

- The use of SeQuent Please NEO in native coronary arteries supports the inherent mechanism of natural vessel restoration and, contrary to other forms of PCI, leads to late lumen enlargement.


▪ No Stent Related Complications and Short DAPT

- SeQuent Please NEO with only one month DAPT is a feasible therapeutic alternative to DES/ BVS with a DAPT up to 12 month.

Delivery system	Rapid Exchange
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Brachial & femoral marker	100 cm & 110 cm
Guiding catheter compatibility	5 F
Guide wire compatibility	0.014"
Tip profile	0.016"
Balloon compliance	Semi-compliant standard balloons

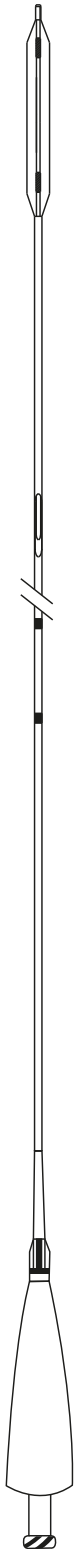
SeQuent® Please NEO

NEXT GENERATION DRUG COATED BALLOON FOR PTCA

	Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.0	10	6	14	5023200	1
	2.25		6	14	5023201	1
	2.5		6	14	5023202	1
	2.75		6	14	5023203	1
	3.0		6	14	5023204	1
	3.5		6	14	5023206	1
	4.0		6	14	5023207	1
	2.0	15	6	14	5023210	1
	2.25		6	14	5023211	1
	2.5		6	14	5023212	1
	2.75		6	14	5023213	1
	3.0		6	14	5023214	1
	3.5		6	14	5023216	1
	4.0		6	14	5023217	1
	2.0	20	6	14	5023220	1
	2.25		6	14	5023221	1
	2.5		6	14	5023222	1
	2.75		6	14	5023223	1
	3.0		6	14	5023224	1
	3.5		6	14	5023226	1
	4.0		6	14	5023227	1
	2.0	25	6	14	5023230	1
	2.25		6	14	5023231	1
	2.5		6	14	5023232	1
	2.75		6	14	5023233	1
	3.0		6	14	5023234	1
	3.5		6	14	5023236	1
	4.0		6	14	5023237	1
	2.0	30	6	14	5023240	1
	2.25		6	14	5023241	1
	2.5		6	14	5023242	1
	2.75		6	14	5023243	1
	3.0		6	14	5023244	1
	3.5		6	14	5023246	1
	4.0		6	14	5023247	1
	2.0	35	6	14	5023250	1
	2.25		6	14	5023251	1
	2.5		6	14	5023252	1
	2.75		6	14	5023253	1
	3.0		6	14	5023254	1
3.5		6	14	5023256	1	
4.0		6	14	5023257	1	
2.0	40	6	14	5023260	1	
2.25		6	14	5023261	1	
2.5		6	14	5023262	1	
2.75		6	14	5023263	1	
3.0		6	14	5023264	1	
3.5		6	14	5023266	1	
4.0		6	14	5023267	1	

SeQuent® NEO

PTCA BALLOON CATHETER



SeQuent NEO combines excellent pushability, an extremely downsized lesion entry profile and state-of-the-art trackability to achieve advanced crossing performance.

Advantages

▪ Outstanding Tip and Balloon Design

- Low profile design offers excellent flexibility and lesion access
- 0.016" thin lesion entry profile
- Balloon crossing profile from 0.023"
- New balloon material results in a reduction of the balloon wall thickness of 20 %

▪ Enhanced Pushability

- 1:1 force transition from the hub to the distal tip for superior maneuverability
- Reduced diameter at guide wire exit
- Improved design of the transition area for sensitive catheter navigation

▪ Innovative Hydrophilic Coating

- Hydrophilic coating of shaft and balloon for ideal gliding properties
- Frictionless catheter tracking for easy lesion access in challenging anatomies

▪ Kissing Balloon Technique

- Catheter shaft is specifically designed to allow Kissing balloon technique in 6 F guiding catheters

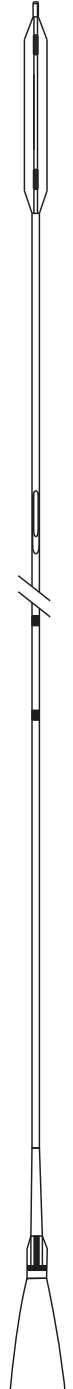
▪ Dedicated for CTO (Ø 1.25 & 1.5 mm)

- RBP up to 18 atm
- Non-compliant balloon property
- Only 1 marker band for high flexibility

Delivery system	Rapid Exchange
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Brachial & femoral marker	100 cm & 110 cm
Guiding catheter compatibility	5 F / „Kissing“ balloon in 6 F
Guide wire compatibility	0.014"
Lesion entry profile	0.016"
Balloon compliance	Semi-compliant standard balloons Non-compliant 1.25 mm & 1.5 mm balloons

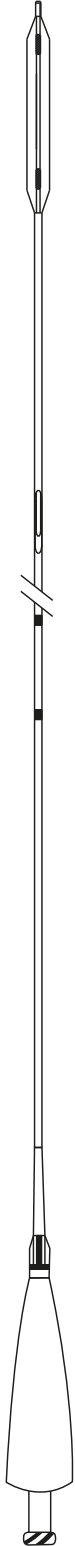
SeQuent® NEO

PTCA BALLOON CATHETER

	Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	1.25	10	10	18	5021711	1
	1.5		10	18	5021712	1
	2.0		6	14	5021713	1
	2.25		6	14	5021714	1
	2.5		6	14	5021715	1
	2.75		6	14	5021716	1
	3.0		6	14	5021717	1
	3.5		6	14	5021718	1
	4.0		6	14	5021719	1
	1.25	15	10	18	5021721	1
	1.5		10	18	5021722	1
	2.0		6	14	5021723	1
	2.25		6	14	5021724	1
	2.5		6	14	5021725	1
	2.75		6	14	5021726	1
	3.0		6	14	5021727	1
	3.5		6	14	5021728	1
	4.0		6	14	5021729	1
	1.25	20	10	18	5021731	1
	1.5		10	18	5021732	1
	2.0		6	14	5021733	1
	2.25		6	14	5021734	1
	2.5		6	14	5021735	1
	2.75		6	14	5021736	1
	3.0		6	14	5021737	1
	3.5		6	14	5021738	1
	4.0		6	14	5021739	1
	2.0	25	6	14	5021743	1
	2.25		6	14	5021744	1
	2.5		6	14	5021745	1
	2.75		6	14	5021746	1
	3.0		6	14	5021747	1
	3.5		6	14	5021748	1
	4.0		6	14	5021749	1
	2.0	30	6	14	5021753	1
	2.25		6	14	5021754	1
	2.5		6	14	5021755	1
	2.75		6	14	5021756	1
	3.0		6	14	5021757	1
	3.5		6	14	5021758	1
4.0		6	14	5021759	1	

SeQuent® NEO NC

CORONARY NON-COMPLIANT BALLOON CATHETER



B. Braun's SeQuent NEO NC is designed for exact sizing and uncompromising performance during lesion preparation and post-dilatation. With its true non-compliant balloon characteristics SeQuent NEO NC offers dimensional accuracy under high pressure.

Advantages

▪ Controlled Compliance

- True non-compliant balloon characteristics for high pressure dilatations

▪ Engineered for Excellent Performance

- Low balloon profile for improved trackability
- Hydrophilic shaft coating to access challenging lesions

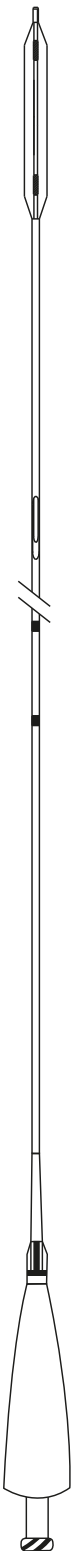
▪ Procedural Efficiency

- SeQuent NEO NC offers fast inflation und deflation
- Controlled dilatation due to minimal balloon growth under high pressure

Balloon material	Nylon
Proximal shaft	1.9 F
Distal shaft	2.7 F
Usable length	140 cm
Brachial & femoral marker	90 cm & 100 cm
Guiding catheter compatibility	5 F
Guide wire compatibility	0.014"
Lesion entry profile	0.016" (0.41 mm)
Balloon compliance	Non-compliant standard balloon

SeQuent® NEO NC

CORONARY NON-COMPLIANT BALLOON CATHETER

	Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.0	8	12	20	5023900	1
	2.25		12	20	5023901	1
	2.5		12	20	5023902	1
	2.75		12	20	5023903	1
	3.0		12	20	5023904	1
	3.5		12	20	5023906	1
	4.0		12	20	5023907	1
	4.5		12	20	5023908	1
	2.0	10	12	20	5023910	1
	2.25		12	20	5023911	1
	2.5		12	20	5023912	1
	2.75		12	20	5023913	1
	3.0		12	20	5023914	1
	3.5		12	20	5023916	1
	4.0		12	20	5023917	1
	4.5		12	20	5023918	1
	2.0	12	12	20	5023920	1
	2.25		12	20	5023921	1
	2.5		12	20	5023922	1
	2.75		12	20	5023923	1
	3.0		12	20	5023924	1
	3.5		12	20	5023926	1
	4.0		12	20	5023927	1
	4.5		12	20	5023928	1
	2.0	15	12	20	5023930	1
	2.25		12	20	5023931	1
	2.5		12	20	5023932	1
	2.75		12	20	5023933	1
	3.0		12	20	5023934	1
	3.5		12	20	5023936	1
	4.0		12	20	5023937	1
	4.5		12	20	5023938	1
	2.0	20	12	20	5023940	1
	2.25		12	20	5023941	1
	2.5		12	20	5023942	1
	2.75		12	20	5023943	1
	3.0		12	20	5023944	1
	3.5		12	20	5023946	1
	4.0		12	20	5023947	1
	4.5		12	20	5023948	1
	2.0	30	12	20	5023960	1
	2.25		12	20	5023961	1
	2.5		12	20	5023962	1
	2.75		12	20	5023963	1
	3.0		12	20	5023964	1
3.5		12	20	5023966	1	
4.0		12	20	5023967	1	
4.5		12	20	5023968	1	

NSE Alpha™

CORONARY SCORING BALLOON CATHETER FOR COMPLEX LESIONS



The scoring balloon catheter NSE Alpha offers precise dilatation across a wide range of lesion types. NSE Alpha with its three scoring elements provides safe and controlled scoring of the vessel wall and avoids balloon slippage during inflation. The coronary scoring balloon catheter offers advantages for initial lesion preparation and preparation of any stenosis followed by DES.

Advantages

▪ Real "Scoring" Performance

- Three Nylon scoring elements with a triangular cross section on the balloon are attached at the proximal and distal balloon ends
- Safe scoring of highly calcified plaque-morphology by maintaining elasticity of the vessel
- Superior trackability due to high flexibility of the balloon and low balloon profile


▪ Safe "Non-Slip" Performance

- Scoring elements are embedded in the balloon folds to allow for a small crossing profile
- Grip effect of scoring elements prevents slippage of balloon
- Scoring elements enable more focused transition of pressure into the vessel wall

Scoring elements	3
Material of the scoring elements	Nylon
Proximal shaft	2.1 F
Distal shaft	2.7 F
Usable length	143 cm
Brachial & femoral marker	93 cm & 103 cm
Guiding catheter compatibility	6 F
Guide wire compatibility	0.014"
Lesion entry profile	0.016"

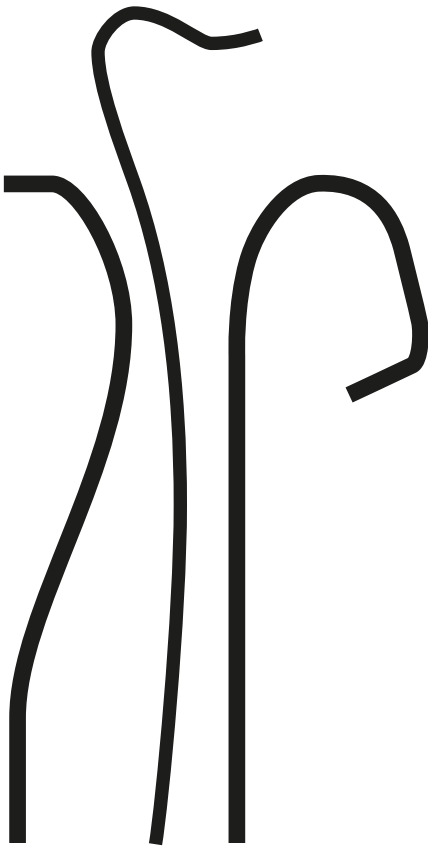
NSE Alpha™

CORONARY SCORING BALLOON CATHETER FOR COMPLEX LESIONS

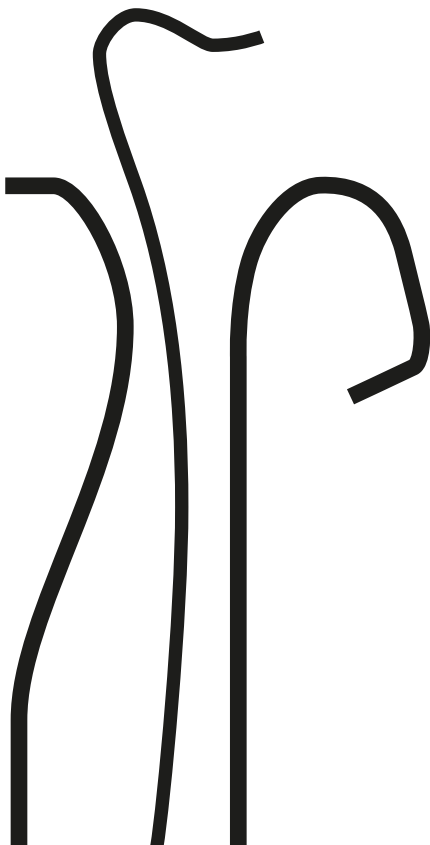
	Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Code-Number	Sales Unit (pcs.)
	2.0	13	6	14	NSA20013	1
	2.25		6	14	NSA22513	1
	2.5		6	14	NSA25013	1
	2.75		6	14	NSA27513	1
	3.0		6	14	NSA30013	1
	3.5		6	14	NSA35013	1
	4.0		6	14	NSA40013	1

Smooth Catheter Placement with Hydrophilic Coating

- **Superior Vessel Alignment**
 - Hydrophilic coated catheter shaft
 - Excellent back-up support
 - Very good kink resistance
 - True 1:1 torque response
 - Very atraumatic distal soft tip
- **Large Inner Lumen**
 - Inner diameter of 0.071" in 6 F
 - Outstanding Kissing balloon capabilities



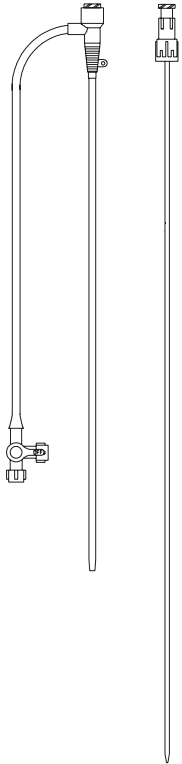
	5 French		6 French		7 French	
	Configuration	Reference	Configuration	Reference	Configuration	Reference
	AL 0.75	25400105	AL 0.75	26400105	AL 1 SH	27400225
	AL 1	25400205	AL 0.75 SH	26400125	AL 2 SH	27400325
	HS	25401505	AL 1	26400205	AL 3 SH	27400425
	JL 3.5	25402105	AL 1 SH	26400225	AR 1 SH	27400525
	JL 4	25402205	AL 1.5	26401005	AR 2 SH	27400725
	JR 3.5	25402705	AL 1.5 SH	26401025	HS SH	27401525
	JR 4	25402805	AL 2	26400305	JL 3 SH	27402025
	MPA	25403605	AL 2 SH	26400325	JL 3.5 SH	27402125
	RAD	25405005	AR 1	26400505	JL 4 SH	27402225
	TIG4	25407005	AR 1 SH	26400525	JL 4.5 SH	27402325
	XB 3.5	25407505	AR 2	26400705	JL 5 SH	27402425
	XB 4	25407605	AR 2 SH	26400725	JR 3.5 SH	27402725
	EBU 3.5	25408805	HS	26401505	JR 4 SH	27402825
	EBU 3.75	25408905	IM	26401705	JR 4.5 SH	27402925
	EBU 4	25409005	IM SH	26401725	JR 5 SH	27403025
			JL 3	26402005	MPA SH	27403625
			JL 3 SH	26402025	EBU 3 SH	27408625
			JL 3.5	26402105	EBU 3.5 SH	27408825
			JL 3.5 SH	26402125	EBU 3.75 SH	27408925
			JL 4	26402205	EBU 4 SH	27409025
			JL 4 SH	26402225	EBU 4.5 SH	27409225
			JL 5	26402405		
			JL 5 SH	26402425		
			JR 3.5	26402705		
			JR 3.5 SH	26402725		
			JR 4	26402805		
			JR 4 SH	26402825		
			JR 4.5 SH	26402925		
			JR 5	26403005		
			MPA	26403605		
			MPA SH	26403625		
			RAD	26405005		
			RCB	26405505		
			TIG 2	26407005		
			XB 3	26407305		
			XB 3.5	26407505		
			XB 3.5 SH	26407525		
			XB 4	26407605		
			XB 4 SH	26407625		
			XB 4.5	26407705		
			EBU 3	26408605		
			EBU 3 SH	26408625		
			EBU 3.5	26408805		
			EBU 3.5 SH	26408825		
			EBU 3.75 SH	26408925		
			EBU 4	26409005		
			EBU 4 SH	26409025		



ACCESSORIES FOR PTCA

INTRODUCER, METAL INSERTION TOOL

Intradyn PTCA



Intradyn is an introducer for Percutaneous Transluminal Coronary Angioplasty.

- **Sheath 230 mm made of FEP**
 - With hemostasis valve
 - Side port with three-way stopcock
 - Flexible collar and suture hub
- **Dilatator 280 mm made of PE**
 - Atraumatic tip
 - Luer Lock connection between sheath and dilatator

Product Description

Intradyn® PTCA F8 blue

Code-
Number

5215161

Sales Unit
(pcs.)

5

Metal Insertion Tool



Gauge

20

Length
(cm)

75

Colour

Transparent

Code-
Number

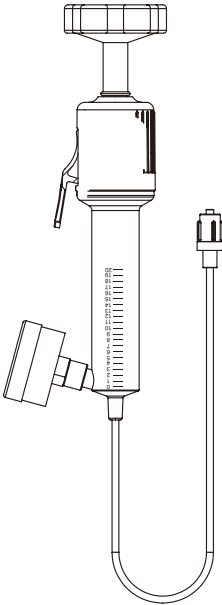
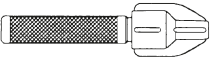
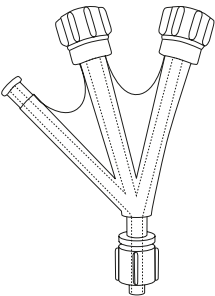
5017826

Sales Unit
(pcs.)

20

ACCESSORIES FOR PTCA

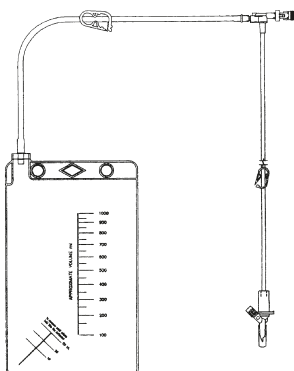
INFLATION DEVICE, Y-CONNECTOR, KISSING BIBALLOON ADAPTER

	Inflation Device for PTCA	Code-Number	Sales Unit (pcs.)
 <p>A detailed line drawing of a PTCA inflation device. It features a vertical cylindrical body with a pressure gauge on the left side. The gauge has a 90-degree rotating scale and numerical markings. At the top, there is a handle with a textured grip. A long, thin tube extends from the bottom of the device, ending in a connector. A side port with a valve is also visible on the left side of the main body.</p>	<p>This inflation device is a component in PTCA-Kit 4 presented on the next page.</p> <ul style="list-style-type: none"> ▪ Pressure Gauge <ul style="list-style-type: none"> - 90° rotating manometer for „custom“ handling - Coded figures from nominal to burst pressures for easy reading ▪ Body and Handle <ul style="list-style-type: none"> - Advanced mechanism supports rapid pressure increase - Clear material for easy air detection and de-bubbling <p>Inflation device for PTCA, 20 ml/30 atm</p>	<p>5028901</p>	<p>1</p>
 <p>A line drawing of a torquer tool. It has a short, cylindrical handle with a textured grip. The end of the tool is a specialized, multi-faceted tip designed for gripping and rotating guide wires.</p>	<p>Torquer The torquer is specifically designed for guide wires.</p> <ul style="list-style-type: none"> - Luminescent - Wire grip for all diameters up to 0.022" <p>Torquer</p>	<p>5023687</p>	<p>10</p>
 <p>A line drawing of a Y-connector. It consists of a central base with two angled ports extending upwards. Each port has a textured, knurled grip. The base has a standard Luer-lock fitting at the bottom.</p>	<p>Y-Connector</p> <ul style="list-style-type: none"> - For all interventional techniques - With rotational adaptor and Touhy-Borst-valve - 9.5 F lumen <p>Y-connector with plastic insertion tool</p> <p>Double Y-connector with plastic insertion tool</p>	<p>5021693</p> <p>5020743</p>	<p>10</p> <p>5</p>
	<p>Unique Kissing BiBalloon Adaptor The Kissing BiBalloon adaptor enables the simultaneous and/ or sequential dilatation of bifurcation lesions.</p> <ul style="list-style-type: none"> - Innovative approach for multiple dilatation techniques - Final Kissing balloon inflation <p>Kissing BiBalloon adaptor</p>	<p>5014760</p>	<p>25</p>

ACCESSORIES FOR PTCA

PTCA-KITS, BIFURCATION KIT, FLUID COLLECTION SYSTEM

	Code-Number	Sales Unit (pcs.)
PTCA-Kit 1 – Y-connector with metal insertion tool – Torquer, luminescent wire grip for all diameters up to 0.022" – Inflation device for PTCA PTCA-Kit 1	622511	1
PTCA-Kit 2 – Y-connector with metal insertion tool – Torquer, luminescent wire grip for all diameters up to 0.022" PTCA-Kit 2	5028550	10
PTCA-Kit 3 – Y-connector with metal insertion tool – Torquer, luminescent wire grip for all diameters up to 0.022" – Inflation device for PTCA PTCA-Kit 3	5028902	1
PTCA-Kit 4 – Y-connector, insertion tool and torquer – High pressure 3-way stopcock – Inflation device for PTCA PTCA-Kit 4	5028905	1
Bifurcation Kit – Inflation device – Double Y-connector – Kissing Balloon adaptor – Insertion tool and torquer Bifurcation Kit	5028904	1



Fluid Collection System

- Aspiration of liquids (saline solution, contrast media)
- Secure disposal of aspiration liquid in a closed container (bag)
- Tubing length to dual check valve: 190 cm
- Tubing length to container: 180 cm
- Container volume: 1000 ml

Fluid collection system

5010555

50

Please contact one of our product specialists for more information.
Our contact details are listed at the end of this catalogue.

ANGIOGRAPHIC CATHETER

DIAGNOSTIC CATHETERS FOR ANGIOGRAPHY

- **Enhanced Torque**
 - Maximal control and 1:1 force transmission due to symmetrically braided shaft
 - Enhanced handling supported by ergonomic hub
 - Facilitated identification due to colour coded French sizes
- **Excellent Push**
 - High kink resistance
 - Gentle navigation due to ultimate tip flexibility
 - Atraumatic rounded distal tip design
 - Soft tip on all selective models
- **Improved Flow**
 - Easy injection, superior flow rates and high quality angiographic results thanks to large inner lumen
 - Catheter stability during injection

4 French (red)

	Selective	Pigtail
Outer diameter body & tip	0.055"/ 1.4 mm	0.055"/ 1.4 mm
Inner diameter body	0.042"/ 1.12 mm	0.042"/ 1.12 mm
Inner diameter tip	0.042"/ 1.07 mm	0.042"/ 1.07 mm

5 French (grey)

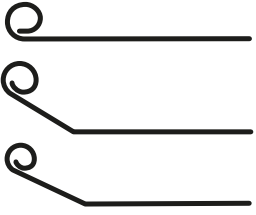
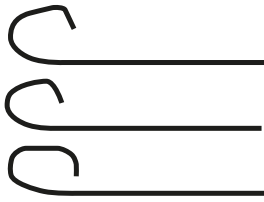
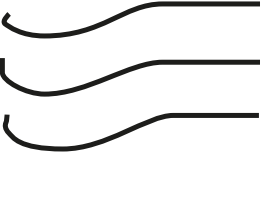
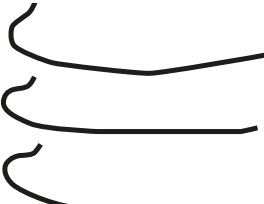
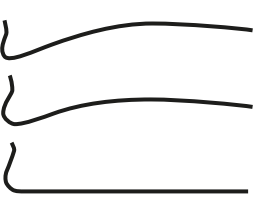
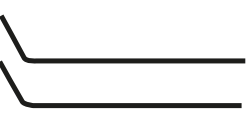
	Selective	Pigtail
Outer diameter body & tip	0.065"/ 1.65 mm	0.065"/ 1.65 mm
Inner diameter body	0.050"/ 1.27 mm	0.050"/ 1.27 mm
Inner diameter tip	0.047"/ 1.18 mm	0.042"/ 1.07 mm

6 French (green)

	Selective	Pigtail
Outer diameter body & tip	0.079"/ 2.0 mm	0.079"/ 2.0 mm
Inner diameter body	0.057"/ 1.44 mm	0.057"/ 1.44 mm
Inner diameter tip	0.057"/ 1.44 mm	0.042"/ 1.07 mm

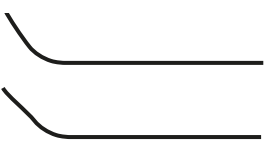


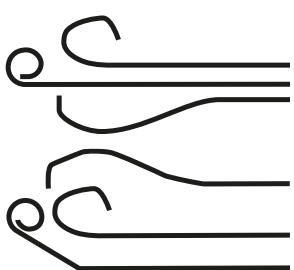
ANGIOGRAPHIC CATHETER

DIAGNOSTIC CATHETERS FOR ANGIOGRAPHY

	Shape Description	Length (cm)	Code-Number 4 French	Code-Number 5 French	Code-Number 6 French	Sales Unit (pcs.)
	Pigtail - catheter for ventriculography - 8 sideholes					
	PIG	110	5011573	5011536	5011521	5
	PIG	130	5011592	5011527	5011526	5
	PIG 145	110	5011595	5011572	5011525	5
	PIG 145	130	5011577	5011503	5011569	5
	PIG 155	110	5011534	5011541	5011528	5
	PIG 155	130	5011532	5011557	5011502	5
	Judkins - catheter for the left coronary artery					
	JL 3.0	100	5011635	5011612	5011631	5
	JL 3.5	100	5011594	5011512	5011511	5
	JL 4.0	100	5011563	5011545	5011517	5
	JL 4.5	100	5011644	5011613	5011632	5
	JL 5.0	100	5011514	5011586	5011518	5
	JL 6.0	100	5011677	5011614	5011634	5
	Judkins - catheter for the right coronary artery					
	JR 3.0	100	5011688	5011615	5011650	5
	JR 3.5	100	5011588	5011535	5011589	5
	JR 4.0	100	5011500	5011546	5011508	5
	JR 4.5	100	5011699	5011617	5011649	5
	JR 5.0	100	5011576	5011558	5011509	5
	JR 6.0	100	5011600	5011618	5011636	5
	Amplatz - catheter for the left coronary artery					
	AL1	100	5011552	5011582	5011548	5
	AL2	100	5011599	5011565	5011550	5
	AL3	100	5011506	5011520	5011553	5
	Amplatz - catheter for the right coronary artery					
	AR1MOD	100	5011513	5011551	5011530	5
	AR2MOD	100	5011537	5011516	5011542	5
	ARMOD	100	5011522	5011529	5011547	5
	Multi Purpose catheter					
	MPA	100	5011501	5011561	5011564	5
	MPA2	100	5011580	5011540	5011556	5
	MPB	100	5011611	5011575	5011637	5
	MPB2	100	5011622	5011581	5011638	5

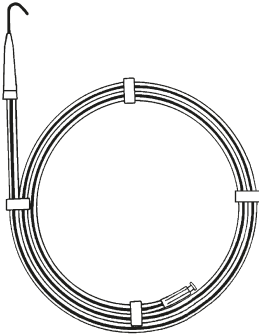
ANGIOGRAPHIC CATHETER

DIAGNOSTIC CATHETERS FOR ANGIOGRAPHY

	Shape Description	Length (cm)	Code-Number 4 French	Code-Number 5 French	Code-Number 6 French	Sales Unit (pcs.)
	Williams					
	3DS	100	5011596	5011597	5011598	5
	Sones catheter - 2 sideholes					
	Sones1	100	5011603	5011619	5011639	5
	Sones1/2	100	5011539	5011570	5011554	5
	Sones2	100	5011604	5011621	5011640	5
	Sones2/2	100	5011111	5011593	5011559	5
	Gamal					
	Gamal	100	5011605	5011624	5011641	5
	Radial					
	RAD	100	5014444	5011543	5011544	5
	TIG2	100	5011606	5011625	5011642	5
	Bypass catheter					
	IM	100	5011533	5011505	5011562	5
	LCB	100	5012222	5011591	5011510	5
	RCB	100	5013333	5011560	5011519	5
	Duo-Pack					
	JL4/JR4	100/100	5011607	5011626	5011643	5
	JL4/3DS	100/100		5011712		5
	Multipack					
	JL4/JR3.5/PIG	100/100/110	5011609	5011628	5011646	5
	JL3.5/JR4/PIG145	100/100/110	5011608	5011627	5011645	5
	JL4/JR4/PIG	100/100/110	5011538	5011549	5011567	5
	JL4/JR4/PIG145	100/100/110	5014892	5011524	5011568	5
	3DS/JL4/PIG145	100/100/110	5011610	5011629	5011647	5
	ARMOD/JL4/PIG145	100/100/110		5011630		5
	3DS/JL4/PIG	100/100/110			5011648	5

CUSTOMIZED SERVICE

CUSTOMIZED PROCEDURE KITS



For more than 20 years B. Braun has been committed to providing customers worldwide with their customized Angiodyn procedure kit solutions.

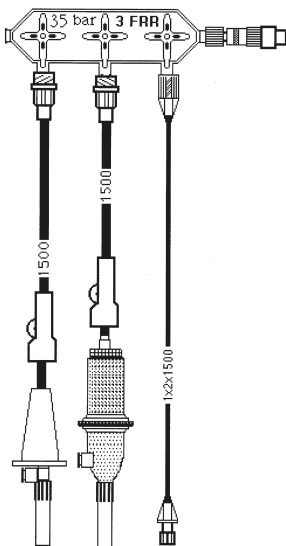
Angiodyn are sterile kits that contain an organized array of disposable components for specific procedures in interventional cardiology, radiology or hemodynamic measurements.

Angiodyn kits offer cost effectiveness by simplifying hospitals purchasing and accounting procedures and by consolidating components in one affordable kit.

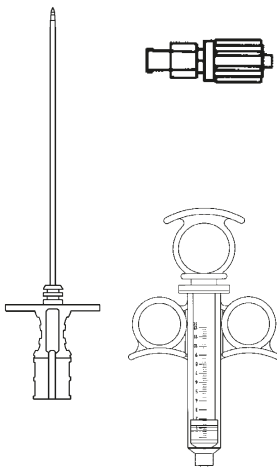
B. Braun offers an impressive and wide range of high quality precision components.

Angiodyn stands for:

- Custom made kit solutions
- Precision components
- Quick and easy setup & cleanup
- Simple inventory control
- Convenient storage and delivery
- Increased output (= increased profitability)
- Consistent quality
- Standardized workflow (especially in emergency cases)
- Reduced training time for new staff
- Reduced waste volume
- More time with the patient



Please contact one of our product specialists for more information.
Our contact details are listed at the end of this catalogue.



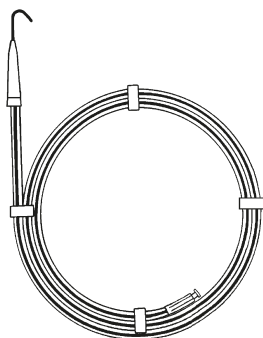
Standard Kits	Code-Number	Sales Unit (pcs.)
<p>Made for success</p> <ul style="list-style-type: none"> - Saving time during preparation - Offering support during emergency situations - Reducing internal logistic costs - Reducing packaging material and disposal costs 		
<p>Manifold assembly 3-way, OFF</p> <ul style="list-style-type: none"> - High pressure manifold, 3-way, OFF, connected with contrast media tubing, Intrafix air and Combidyn tubing - Angiographic syringe 10 ml - Arterial puncture needle (Seldinger) 18 G - Cutfix scalpel Fig. 11 		
<p>Manifold assembly 3-way, OFF</p>	<p>5010660</p>	<p>25</p>
<p>Manifold assembly 2-way, OFF</p> <ul style="list-style-type: none"> - High pressure manifold, 2-way, OFF, connected with contrast media tubing and Combidyn tubing - Angiographic syringe 10 ml - Arterial puncture needle (Seldinger) 18 G - Cutfix scalpel Fig. 11 		
<p>Manifold assembly 2-way, OFF</p>	<p>5010440</p>	<p>25</p>
<p>Manifold assembly 3-way, ON</p> <ul style="list-style-type: none"> - High pressure manifold, 3-way, ON, connected with contrast media tubing, Intrafix air and Combidyn tubing - Angiographic syringe 10 ml - Arterial puncture needle (Seldinger) 18 G - Cutfix scalpel Fig. 11 		
<p>Manifold assembly 3-way, ON</p>	<p>5010220</p>	<p>25</p>
<p>Angiography kit 3-way, OFF</p> <ul style="list-style-type: none"> - High pressure manifold, 3-way, OFF, connected with contrast media tubing, Intrafix air and Combidyn tubing - Angiographic syringe 10 ml - Arterial puncture needle (Seldinger) 18 G - Cutfix scalpel Fig. 11 - Angiographic drape with 2 transparent windows - Standard guide wire, 150 cm, J3-tip, 0.035" - Gauze, 10 x 10 cm, 12-ply - Sterican needle, G 21 green - Sterican needle, G 22 black - Omnifix syringe LL, 5 ml - Omnifix syringe LL, 10 ml - Tray, 27 x 22 x 4 cm - Cover drape 100 x 150 cm 		
<p>Angiography kit 3-way, OFF</p>	<p>5010550</p>	<p>4</p>

	Code- Number	Sales Unit (pcs.)
<p>Basic Set</p> <ul style="list-style-type: none"> - Nosebag 108 x 50 x 80 cm - Image intensifier cover 75 x 80 cm - Image intensifier cover 90 x 90 cm - Bowl transparent 500 ml - Universal clamp - Guide wire bowl blue 2500ml - Syringe Omnifix 10 ml, LL - Syringe Omnifix 10 ml, LS - Syringe Omnifix 5 ml, LS - Puncture needle 1,3 x 70 mm, 18G - Sterican 0,90 x 40 mm, 20G, yellow - Sterican 0,70 x 30 mm, 22G, black - Bowl 120 ml transparent - Bowl 250 ml transparent - Swab balls plum size - Gauze pad 10 x 10 cm - Coat size. XL - Angio drape 240 x 380 cm, 4 holes - Lamp cover - Guide wire J3FC-FS 150-035 - Cutfix scalpel Fig. 11 - Image intensifier cover 35 x 70 cm - Image intensifier cover 120 x 120 cm - Cover drape 150 x 90 cm - Cover drape 152 x 190 cm 		
<p>Basic Set</p>	<p>5014218</p>	<p>4</p>
<p>Add on Basic Kit</p> <ul style="list-style-type: none"> - Wrap drape 137 x 137 cm - Surgical drape 45 x 45 cm, 6-ply, with x-ray - Image intensifier cover 35 x 70 cm - Image intensifier bag 100 x 100 cm - Incision foil 30 x 26 cm - Tray 25,0 x 13,7 x 5,0 cm - Image intensifier cover 140 x 140 cm - Universal clamp - Cutfix scalpel Fig. 11 		
<p>Add on Basic Kit</p>	<p>5014219</p>	<p>10</p>

Angiodyn®

GUIDE WIRES, PTFE-COATED

Angiodyn Guide Wires



Guide wires for insertion, stabilization and positioning of angiographic catheters.

- PTFE-coated stainless nickel-chromium steel
- Flexible and smooth rounded wire tip
- Sensitive steering and guiding qualities
- Various tip configurations
- Straightener (only for J-tip)
- Standard: With dispenser and Luer Lock-fitting for flushing the wire

Product Description	Length (cm)	Ø (inch/mm)	Code-Number	Sales Unit (pcs.)
J-tip, fixed core (FC), fingerstraightenable (FS)				
J3 FC-FS 150-035	150	0.035/0.89	5050200	10
J3 FC-FS 150-038	150	0.038/0.97	5050219	10
J3 FC-FS 175-035	175	0.035/0.89	5059755	50
J3 FC-FS 200-035	200	0.035/0.89	5050980	50
J3 FC-FS 220-035	220	0.035/0.89	5050981	50
J3 FC-FS 260-035	260	0.035/0.89	5050359	5
J3 FC-FS 260-038	260	0.038/0.97	5050367	5
Straight tip (S), fixed core (FC)				
SFC 150-018	150	0.018/0.46	5050456	10
SFC 150-035	150	0.035/0.89	5050243	10
SFC 150-038	150	0.038/0.97	5050251	10
SFC 260-038	260	0.038/0.97	5050430	5
J-tip, movable core (M), fingerstraightenable (FS)				
J3 MC-FS 150-032	150	0.032/0.81	5056470	10
J3 MC-FS 150-035	150	0.035/0.89	5050235	10
J3 MC-FS 200-035	200	0.035/0.89	5050308	10
J-tip and straight tip (S) (flexible on both ends) fixed core (FC), fingerstraightenable (FS)				
J3 SFC-FS 150-035	150	0.035/0.89	5050227	10
J3 SFC-FS 150-038	150	0.038/0.97	5051022	50
J3 SFC-FS 175-035	175	0.035/0.89	5059208	50
J3 SFC-FS 220-035	220	0.035/0.89	5050360	5

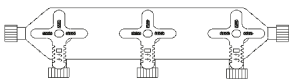
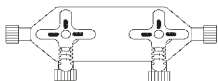
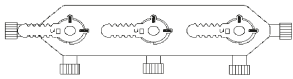
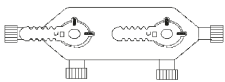
Angiodyn®

MID AND HIGH PRESSURE FULL-BODY MANIFOLDS

Angiodyn Mid and High Pressure Full-Body Manifold

- Very smooth-turning handles (ergonomic design)
- Transparent housing for visual control
- Stopcocks tested up to 70 bar (1000 psi) pressure stability for machine injections (yellow)
- Stopcocks tested up to 35 bar (500 psi) pressure stability for manual injections (grey)
- Without rotating adaptor but with female Luer Lock-fitting
- With rotating adaptor and male Luer Lock-fitting for catheter connection

Pressure Stability (bar)	Connections	Description	Code-Number	Sales Unit (pcs.)
Manifolds 2-port ON version, grey handles				
35	Rotating adaptor male right	2 OR 35	5012759	50
70	Rotating adaptor male right	2 ORR 70	5012783	50
Manifolds 3-port ON version, grey handles				
35	Rotating adaptor male right	3 ORR 35	5012813	50
70	Rotating adaptor male right	3 ORR 70	5012848	50
Manifolds 2-port OFF version, yellow handles				
35	Rotating adaptor male right	2 FRR 35	5012112	50
70	All female	2 FF 70	5012015	50
70	Rotating adaptor male right	2 FRR 70	5012104	50
Manifolds 3-port OFF version, yellow handles				
35	Rotating adaptor male right	3 FRR 35	5012074	50
70	Rotating adaptor male right	3 FRR 70	5012066	50

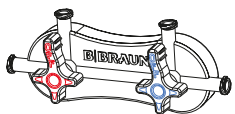
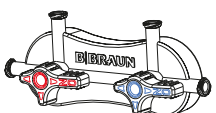
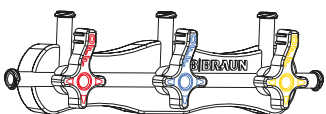
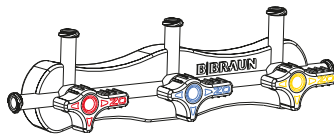


Angiodyn® Softgrip

MID AND HIGH PRESSURE FULL-BODY MANIFOLDS

Angiodyn Mid and High Pressure Full-Body Manifold

- Very smooth turning handles (ergonomic design)
- Transparent housing for visual control
- Stopcocks tested up to 70 bar (1000 psi) pressure stability for machine injections (dark grey)
- Stopcocks tested up to 35 bar (500 psi) pressure stability for manual injections (light grey)
- With rotating adaptor and male Luer Lock-fitting for catheter connection
- Coloured handles
- Softgrip handles for better surface

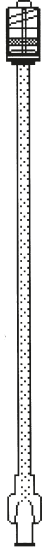
	Pressure Stability (bar)	Code-Number	Sales Unit (pcs.)
	35	5011406	50
	70	5010576	50
	35	5011407	50
	70	5010577	50
	35	5011404	50
	70	5010575	50
	35	5016131	50
	70	5010579	50

Angiodyn®

HIGH PRESSURE TUBING WITH/ WITHOUT ROTATING ADAPTOR

Angiodyn High Pressure Tubing

- Transparent for visual control
- Tubing lengths for all needs
- Luer Lock-fitting male/ female



Length (cm)	Inner Diameter (mm)	Outer Diameter (mm)	Code-Number	Sales Unit (pcs.)
-------------	---------------------	---------------------	-------------	-------------------

Angiodyn® High Pressure Tubing up to 84 bar (1200 psi)

- Braided PUR, very flexible

Male/Female with Rotating Adaptor

25	1.75	3.6	5018864	25
50	1.75	3.6	5011507	25
75	1.75	3.6	5011515	25
100	1.75	3.6	5011523	25
120	1.75	3.6	5011531	25
200	1.75	3.6	5016002	25

Angiodyn® High Pressure Tubing up to 70 bar (1000 psi)

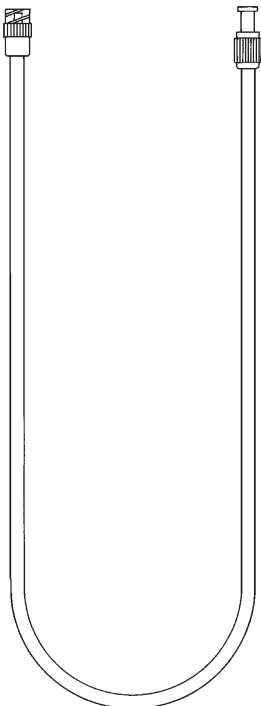
- PVC, flexible

Male/Female with Rotating Adaptor

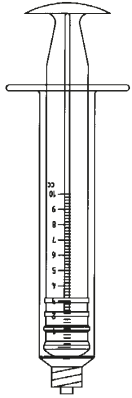
25	2.0	4.75	5014824	20
50	2.0	4.75	5011957	20
75	2.0	4.75	5011965	20
100	2.0	4.75	5011973	20
120	2.0	4.75	5011938	20
150	2.0	4.75	5018580	25
180	2.0	4.75	5218088	25

Male/Female without Rotating Adaptor

50	2.0	4.75	5018196	20
75	2.0	4.75	5018200	20
100	2.0	4.75	5018218	20
120	2.0	4.75	5018233	20
150	2.0	4.75	5014875	20

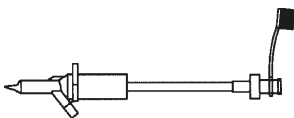


Spectraline Disposable Syringes for Connection with Manifolds and Catheters



- For injection of contrast media, heparin, saline solution and other liquids by hand
- Clear polycarbonate barrel provides easy visualization of fluid levels and allows accurate de-bubbling
- Large 0.100" I.D. syringe tip requires less force for injections
- Wider barrel flanges with finger grips for better handling
- Ergonomic palm plunger fits easily into every hand for increased comfort during usage
- 10 ml and 20 ml syringes available in five colours
- Each syringe is individually packaged with a label set

Plunger Colour	Type	Syringe Volume (ml)	Code-Number	Sales Unit (pcs.)
White	SP 10 W	10	5018991	25
Blue	SP 10 B	10	5018993	25
Green	SP 10 G	10	5018996	25
Yellow	SP 10 Y	10	5018997	25
Red	SP 10 R	10	5018992	25
White	SP 20 W	20	5018998	25
Blue	SP 20 B	20	5019004	25
Green	SP 20 G	20	5019006	25
Yellow	SP 20 Y	20	5019013	25
Red	SP 20 R	20	5019016	25



Contrast Saver System

- System for saving contrast media

Contrast Saver Spike

- Ventilated spike for contrast media container with Safesite valve
- Applicable for several angiographic examinations
- With integrated cover cap
- Length 15 cm

Contrast saver spike

5010557

50

Contrast Saver Tubing

- Connection between contrast saver spike and manifold
- With large bore check valve to close the contrast media container (to prevent contamination with micro organisms)
- Length 140 cm

Contrast saver tubing

5010552

50

Contrast saver burette (without illustration)

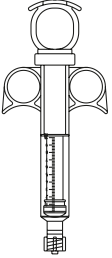
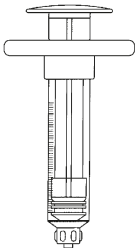
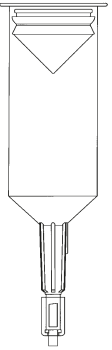
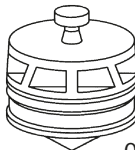
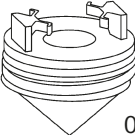
5012000

50



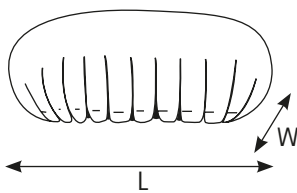
Angiodyn®

ANGIOGRAPHIC SYRINGES / INJECTOR SYRINGES

Angiodyn		Code-Number	Sales Unit (pcs.)
	<p>Angiographic syringes perform contrast media injections.</p> <ul style="list-style-type: none"> - Rubber gasket for smooth plunger action with double seal - Crystal clear barrel <p>10 ml Angiographic Syringe with Rotating Adapter</p> <ul style="list-style-type: none"> - Ring plunger and medium sized grip plate - Security stop at 1.0 ml - Lateral finger rings 		
	10 ml angiographic syringe with rotating adapter	5011990	50
	<p>10 ml Angiographic Syringe with Male Luer Lock-Fitting</p> <ul style="list-style-type: none"> - Medium sized grip plate - Security stop at 1.0 ml 		
	10 ml angiographic syringe with male Luer Lock-fitting	5010142	50
	<p>Angiodyn Injector Syringes</p> <ul style="list-style-type: none"> - Developed for high pressure injectors up to 84 bar / 1200 psi - Transparent, high quality polypropylene for easy identification of air bubbles - Plunger with double seal prevents air aspiration and leakage - Protective cap to avoid contamination when using aseptic technique - Connection to all Luer standards possible 		
	0137NE 150 ml Angiomat 6000 TM	5010200	50
	0137NF 150 ml Medrad (Mark V,...)	5010207	50
 <p>0137 NE</p>			
 <p>0137 NF</p>			
<p>Additional Tubing (without illustration)</p> <ul style="list-style-type: none"> - Facilitates filling contrast media into injection syringes 			
Additional tubing		5017000	100

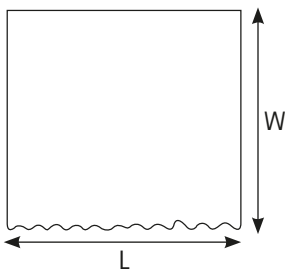
Angiodyn Image Intensifier Covers and Bags

- Protect your equipment from contamination and dust
- PE transparent cover
- With elastic or string fixation



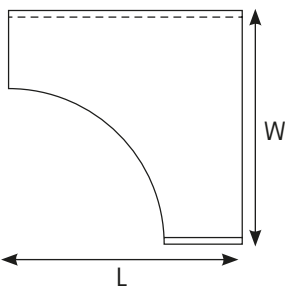
Angiodyn Image Intensifier Cover with Elastic Fixation

Length = L (cm)	Width = W (cm)	Code-Number	Sales Unit (pcs.)
35	70	5014022	25
45	45	5016733	25
75	80	5010438	25
75	100	5010446	25
80	120	5213568	25
90	90	5017582	25
110	110	5015649	25
120	120	5010085	25
140	140	5018912	25



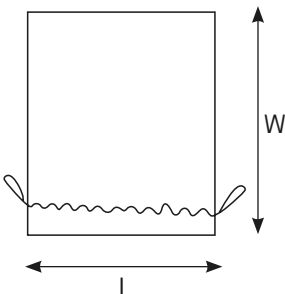
Angiodyn Image Intensifier Bag with Elastic Fixation

60	60	5016080	25
80	45	5015210	25
80	100	5019520	25
85	90	5019900	25
90	60	5010210	25
90	100	5012629	25
100	100	5014983	25
110	130	5015640	25



Angiodyn Image Intensifier Bag (nose type)

80	80	5018100	50
82	95	5019430	50
117	90	5011179	50



Angiodyn Bag with String Fixation

60	65	5017745	25
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Angiodyn Lamp Handle Cover (without illustration)

		5016255	100
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Angiodyn Table Plastic Cover (without illustration)

Colour: Blue

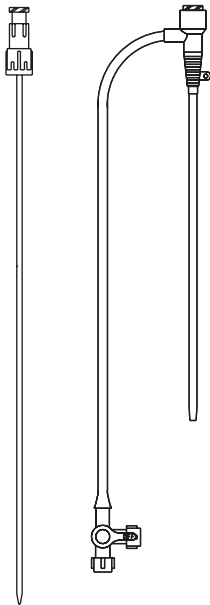
60	65	5012606	25
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	Length (cm)	Width (cm)	Code-Number	Sales Unit (pcs.)
	Angiodyn Protection Cover Radial			
	86	41	5012119	50
	Angiodyn Protection Cover Femoral			
	86	40	5019113	50
	Angiodyn Monitor Hand Cover (without illustration)			
	160	30	5013308	50
	Angiodyn Remote Control Cover with Cord (without illustration)			
	24	16	5010410	50
	Angiodyn Camera Cover (without illustration)			
	250	13	5012543	25

Intradyn® Arterial

ARTERIAL INTRODUCER, GUIDE WIRE, PUNCTURE NEEDLE

Intradyn Arterial	Code-Number	Sales Unit (pcs.)
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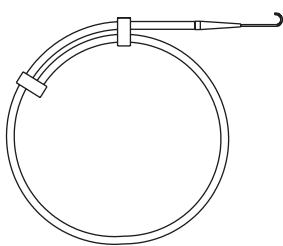


Introducer using the Seldinger technique according to Desilets Hofmann.

- **Guide Wire 40 cm**
 - Made of stainless steel, \varnothing 0.035" / 0.89 mm
 - Flexible J3-tip with insertion tool or flexible straight tip
- **Vessel Dilator 160 mm made of PE**
 - Flexible, minimal trauma to vessels
 - Smoothly tapered transition to guide wire
- **Sheath 110 mm made of FEP**
 - Thin-walled
 - Smoothly tapered transition to vessel dilator
 - Luer Lock connection
- **Hemostasis Valve**
 - To prevent retrograde blood flow
 - For arterial and venous application
 - Smoothly tapered transition for easy introduction of catheter
 - Sideport with three-way stopcock for easy administration of I.V. solutions and injection of medications

Intradyn Arterial (without guide wire)

F 5 grey	5210763	20
F 6 green	5210771	20
F 7 orange	5210780	20



Intradyn Arterial (with J3-guide wire)

F 5 grey	5210704	20
F 6 green	5210712	20
F 7 orange	5210720	20

Intradyn Arterial Guide Wire

- With J3-tip and straightener
- 40 cm long, 0.035"
- In dispenser

J3 SFU-40-035	5050529	25
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Intradyn Arterial Puncture Needle (Seldinger)

- Smoothly tapered design for easy introduction of the guide wire up to max. \varnothing 0.035" (0.089 mm)
- Luer Lock-fitting

Gauge (G)	\varnothing (mm)	Length (mm)	Colour	Code-Number	Sales Unit (pcs.)
18	1.3	70	Light pink	5208505	50

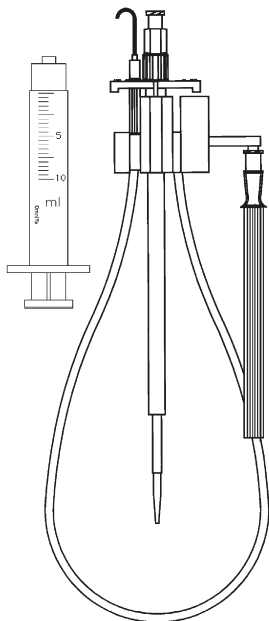
Intradyn® Tear-Away

TEAR-AWAY INTRODUCER

Intradyn Tear-Away

Code-
Number

Sales Unit
(pcs.)



Tear-Away introducer sheath uses the Seldinger technique according to Desilets Hofmann.

- Pre-scored tearing line ensures clean and easy sheath removal after catheter placement
- Spin-lock connector holds dilatator and sheath together, preventing dilatator from backing out of sheath during vascular access

Intradyn Tear-Away

- **Intradyn Puncture Needle According to Seldinger 1.3 x 70 mm (18 G)**
 - Made of stainless steel
 - Smoothly tapered hub transition for easy introduction of guide wire
- **Guide Wire 40 cm**
 - Made of stainless steel, \varnothing 0.035" / 0.89 mm
 - Flexible J3-tip and flexible straight tip
- **Vessel Dilatator 190 mm made of PE**
 - Flexible, minimal trauma to vessels
 - Smoothly tapered transition to guide wire
- **Introducer sheath 160 mm made of FEP (thin-walled)**
 - Smoothly tapered transition to vessel dilatator
- **Syringe Luer Lock-fitting 10 ml**

Intradyn Tear-Away Introducer

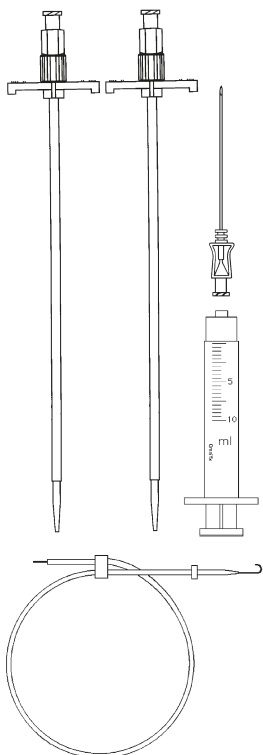
F 6	5210313	20
F 7	5210593	20
F 8	5210321	20
F 9	5210330	20
F 10	5210348	20
F 11	5210585	20

Intradyn Dual Tear-Away Introducer

- Splittable introducer set with two sheaths for introduction of two probes for VDD- and DDD-pacemaker
- Same configuration as Intradyn Tear-Away, with two extra introducer sheaths and two dilatators

Intradyn Dual Tear-Away Introducer

F 10	5212537	20
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CONVERSION TABLES

Pressure Units	bar	mmHg	cmH ₂ O	atm	psi	kPa
1 bar	1	736	1019	0.987	14.51	100
1 mmHg	0.0013	1	1.39	0.0013	0.02	0.133
1 cmH ₂ O	0.000981	0.736	1	0.0013	0.019	0.0981
1 atm	1.013	745	1033	1	14.69	101.3
1 psi	0.0689	50.71	70.21	0.068	1	6.89
1 kPa	0.01	7.501	10.19	0.0099	0.145	1

Metal Cannula

Gauge	Nominal Outer Diameter (mm) (acc. to ISO/DIN 9626)	Colour Code for Injection Cannulas (acc. to ISO/DIN 9626)
30	0.3	Yellow
28	0.36	Blue-green
26	0.45	Brown
24	0.55	Pink
22	0.7	Black
20	0.9	Yellow
18	1.2	Rose
16	1.6	White
14	2.1	White-green
12	2.7	White-blue

Catheter Diameter 1 F = 1/3 mm

French (F)	1	2	3	4	5	6	7	8	9	10	11	12	14
mm	0.33	0.67	1.0	1.33	1.67	2.0	2.33	2.67	3.0	3.33	3.67	4.0	4.67

Wire Diameter 1" = 25.4 mm

Inch (")	0.008	0.010	0.014	0.018	0.024	0.028	0.032	0.035	0.038	0.045	0.047	0.063	0.071
mm	0.2	0.25	0.36	0.46	0.61	0.71	0.81	0.89	0.97	1.14	1.19	1.6	1.8

Catheter Length 1 foot = 30.5 cm

Feet	1	2	3	4	5	6
cm	30.5	61.0	91.4	1.22	1.52	1.83

B. BRAUN VASCULAR SYSTEMS

EUROPE

AUSTRIA

B. Braun Austria GmbH

Otto Braun - Straße 5
2344 Maria Enzersdorf
Phone +43/22 36 46 54 10
Fax +43/22 36 4 84 79

BELGIUM

B. Braun Medical N. V./S. A.

Woluwelaan 140 b
1831 Diegem
Phone +32/70 22 33 00
Fax +32/70 22 33 00

CZECH REPUBLIC

B. Braun Medical s. r. o.

V Parku 2335/20
148 00 Praha 4
Phone +420/2/71 091 911
Fax +420/2/71 091 912

DENMARK

B. Braun Medical A/S

Solbjergvej 3, 5 sal
2000 Frederiksberg
Phone +45/33 31 31 41
Fax +45/33 31 14 23

ESTONIA

B. Braun Medical OÜ

Kadaka tee 70 b
12618 Tallinn
Phone +372/6 77 12 00
Fax +372/6 77 12 09

FINLAND

B. Braun Medical Oy

Huopalahdentie 24
00350 Helsinki
Phone +358/20/17 72 700
Fax +358/20/17 72 720

FRANCE

B. Braun Medical S. A. S.

204, Av. du Maréchal-Juin
92107 Boulogne - Cedex
Phone +331/41 10 53 00
Fax +331/41 10 53 99

HUNGARY

B. Braun Medical Kft.

Montevideo u. 2/c
1037 Budapest
Phone +36/1/3 46 97 00
Fax +36/1/4 38 49 00

IRELAND

B. Braun Medical Ltd.

3 Naas Road Industrial Park
Dublin 12
Phone +353/1/4 55 31 11
Fax +353/1/4 55 31 15

ITALY

B. Braun Milano S. p. A.

Via V. da Seregno, 14
20161 Milano
Phone +39/02 66 21 81
Fax +39/02 66 21 82 90

LATVIA

B. Braun Medical SIA

Udelu Str. 16
1064 Riga, LV
Phone +371/678 19 549
Fax +371/678 19 547

LITHUANIA

B. Braun Medical UAB

Ateities 10
08303 Vilnius
Phone +370/2/37 43 33
Fax +370/2/37 43 44

THE NETHERLANDS

B. Braun Medical B. V.

Euterpehof 10/Postbus 659
5342 CW Oss/5340 AR Oss
Phone +31/4 12 67 24 11
Fax +31/4 12 67 24 90

NORWAY

B. Braun Medical A/S

Kjaernasveien 13 B
3142 Vestskogen
Phone +47/33 35 18 00
Fax +47/33 35 18 90

POLAND

Aesculap Chifa Sp. zo. o

Tysiaclecia 14
64300 Nowy Tomysl
Phone +48/61/44 20 100
Fax +48/61/4 42 39 36

PORTUGAL

B. Braun Medical Lda.

Est. Consiglieri Pedroso, 80
Queluz de Baixo
2730-053 Barcarena
Phone +351/21/4 36 82 00
Fax +351/21/4 36 82 80

RUSSIA

B. Braun Medical LLC

59, Bolshoy Pr.
Petrogradskaja Side
Saint Petersburg 197101
Phone +7 (812) 320-40-04
Fax +7 (812) 320-50-71

SLOVAKIA

B. Braun Medical s. r. o.

Handlovska 19
85101 Bratislava
Phone +421/2/63 83 89 20
Fax +421/2/63 82 76 97

SPAIN

B. Braun Medical S. A.

Carretera de Terrassa, 121
08191 Rubi (Barcelona)
Phone +34/93/5 86 62 00
Fax +34/ 93/5 88 10 96

SWEDEN

B. Braun Medical AB

Svärdvägen 21
18211 Danderyd
Phone +46/8/6 34 34 00
Fax +46/8/6 34 34 34

SWITZERLAND

B. Braun Medical AG

Seesatz
6204 Sempach
Phone +41/58 258 50 00
Fax +41/58 258 60 00

TURKEY

B. Braun Medical Irengrün Dis

Ticaret A. S.
Üniversite Mahallesi
Civan Sokak No. 15 Aviclar
34850 Istanbul
Phone +90/21 25 90 35 60
Fax: +90/21 25 91 94 30

UNITED KINGDOM

B. Braun Medical Ltd.

Thorncliffe Park
Sheffield S35 2PW
Phone +44/1 14/2 25 90 00
Fax +44/1 14/2 25 91 11

NORTH AMERICA

USA

B. Braun Medical Inc.

824 Twelfth Avenue
Bethlehem, PA 18018
Phone ++610-691-5400
Fax: ++610-691-2202

LATIN AMERICA

ARGENTINA

B. Braun Medical S. A.

J. E. Uriburu, 663-7° Piso
AR-(C1027AAM) Buenos Aires
Phone +541/1 49 54-20 30
Fax +541/1 49 54-75 27

BRAZIL

Laboratórios B. Braun S. A.

Av. Eugenio Borges, 1092
24751-000 São Gonçalo RJ
Phone +5521/6 02 33 10
Fax +5521/6 02 31 89

CHILE

B. Braun Comercial S. A.

Calle Nueva 5335 - Conchalí
Santiago de Chile
Phone +562/4 40 71 00
Fax +562/6 23 01 00

COLUMBIA

B. Braun Medical S. A.

Calle 44, No. 8-08
Bogota D.C.
Phone +571/3 40 30 01
Fax +571/3 40 30 03

ECUADOR

B. Braun Medical S. A.

Manuel Ambrosi 117y, Av. Eloy Alfaro
Manuel Ambrosi 117y Los Cipreses
Te.: +593/2/24 81/1 50
Fax +593/2/24 83/0 31

MEXICO

B. Braun Aesculap

de México S. A. de C.V.
Av. Vasco de Quiroga 2121 1er Piso
Col. Santa Fe, Del. Alvaro Obrégón
C. P. 01210 México, D.F.
Phone +52/55/50897800
Fax +52/55/50894975

PERU

B. Braun Medical Peru S. A.
Av. Separadora Industrial No. 887
Lima 3
Phone +511/3 26 18 25
Fax +511/3 26 79 90

AUSTRALIA

B. Braun Australia Pty. Ltd.
Norwest Business Park
17 Lexington Drive
Bella Vista NSW 2153
Phone +61/2/96 29 02 00
Fax +61/2/96 29 02 99

AFRICA

SOUTH AFRICA

B. Braun Medical Ltd.
Building 12B (Wentworth)
Fourways Golf Park
1016 Roos Street - Fourways
2125 Gauteng
Phone +27/11/5485500
Fax +27/11/5485599

ASIA

CHINA

**B. Braun Medical (Shanghai)
International Trading Co. Ltd.**
21F, Sun Young Center
398 Jiangsu Road
Shanghai 200050, PR China
Phone +86/21/22 16 30 00
Fax +86/21/32 50 60 10

HONGKONG

B. Braun Medical (H.K.) Ltd.
13-14/F. Henan Building
90 Jaffe Road Wanchai Hongkong
Phone +852/25/29 20 09
Fax +852/28/65 60 95

INDIA

B. Braun Medical India Pvt Ltd
5th Floor, East Quadrant,
The I.L & F.S. Financial Centre,
Bandra - Kurla Complex,
Bandra (E), Mumbai,
400051 Maharashtra
Phone +91/22 66 68 22 22
Fax +91/22 66 68 21 21

INDONESIA

PT. B. Braun Medical Indonesia
Century Tower 14th Floor, Jl. HR. Ra-
suna Said Kav. X-2 No. 4,
Jakarta 12950, INDONESIA.
Phone +62 21 52907177
Fax +62 21 5290.7178

JAPAN

B. Braun Aesculap Japan Co. Ltd.
38-16, Hongo 2-chome,
Bunkyo-Ku
Tokyo 113-0033
Phone +81/3/3814 2525
Fax +81/3/5684 7080

MALAYSIA

**B. Braun Medical Industries
Sdn. Bhd.**
Bayan Lepas Free Industrial Zone
P.O. Box 880
10810 Penang
Phone +60/4/6 32 31 00
Fax +60/4/6 43 37 50

PAKISTAN

B. Braun Pakistan Ltd.
Plot E-3, Farzana Building, Room #11
3rd Floor, Block 7&8,
Main Shaheed-e-eMillat Road
75400 Karachi
Phone +92/21/4 54 10 17
Fax +92/2 14 54 10 02

PHILIPPINES

B. Braun Medical Supplies Inc.
2nd Floor, The JMT Corporate Center,
ADB Avenue, 1605 Pasig City
Phone +632/633-72 84 to 95
Fax +632/633-72 98

SINGAPORE

B. Braun Singapore Pte. Ltd.
600 North Bridge Road, #15-02/05
Parkview Square
188778 Singapore
Phone +65/6/2 13 09 33
Fax +65/6/2 13 09 30

SOUTH KOREA

B. Braun Korea Co., Ltd.
13th Floor, POSCO Center Bldg. 892
Daechi 4-Dong
Kangnam-Ku
135-777 Seoul
Phone +82/2 34 59 78 00
Fax +82/2 34 53 30 60

TAIWAN

B. Braun Taiwan Co. Ltd.
11/F, No. 132, Nanking E. Road, Sec. 3
104 Taipei
Phone +886/2/27 21 99 00
Fax +886/2/27 31 66 28

VIETNAM

B. Braun Vietnam Co., Ltd.
170 La Thanh Street - Dong Da District
Hanoi
Phone +84/4/35 11 00 88
Fax +84/4/38 51 00 72

**For further information about
dealer networks etc. please contact
the Vascular Systems head office in
Berlin.**

**B. Braun Melsungen AG
Vascular Systems
Sieversufer 8
12359 Berlin
Phone +49 30 568207-300
Fax +49 30 568207-130**

Notes



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Distributor

B. Braun Melsungen AG | Vascular Systems | Sieversufer 8 | 12359 Berlin | Germany
Phone +49 30 568207-300 | Fax +49 30 568207-210 | www.bbraun.com

Manufacturer acc. to MDD 93/42/EEC

B. Braun Melsungen AG | Carl-Braun-Str. 1 | 34212 Melsungen | Germany

Exceptions:

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