B BRAUN
SHARING EXPERTISE

INTERVENTIONAL
VASCULAR THERAPY

Celsite® Safety

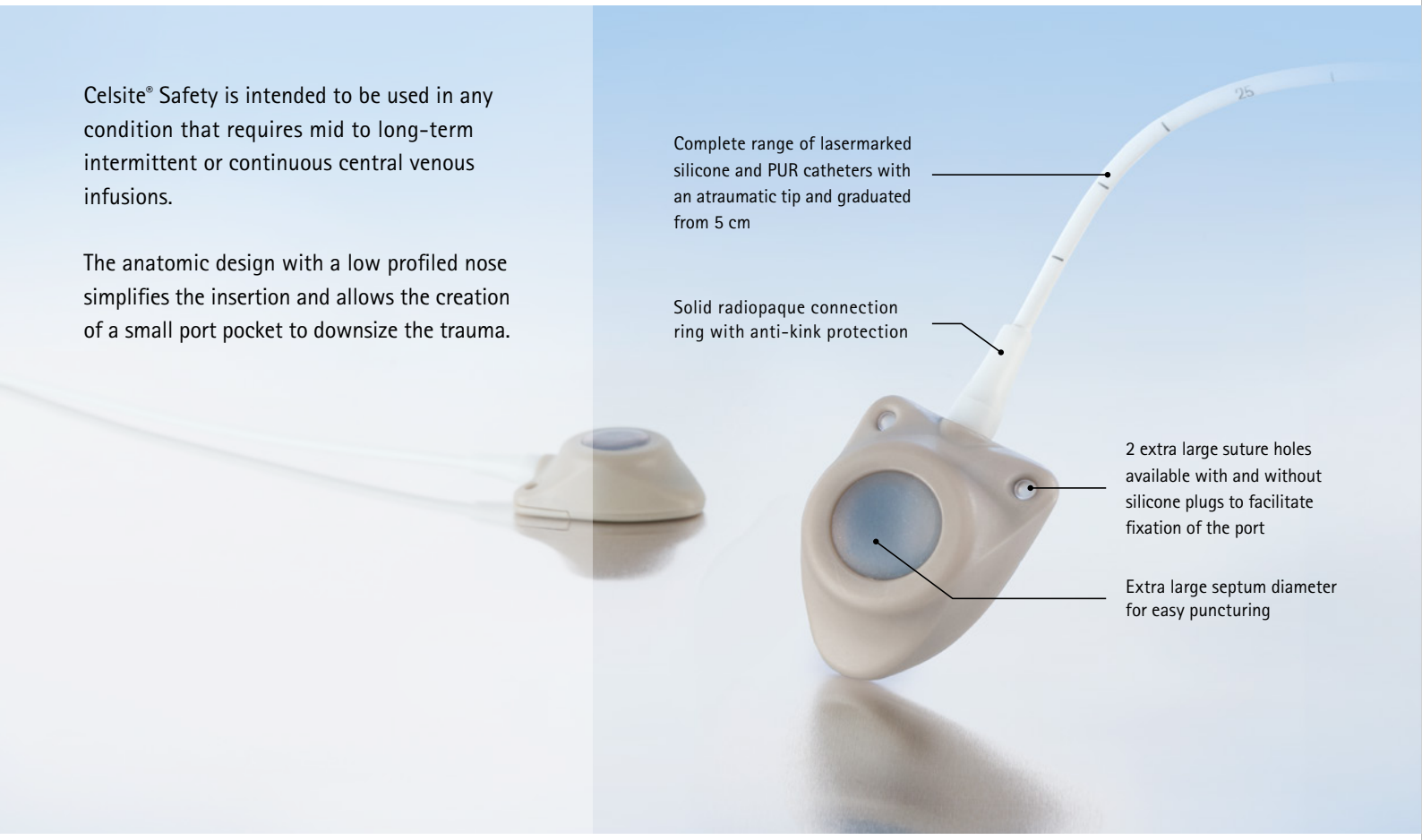
VENOUS ACCESS PORT SYSTEM

Celsite® Safety

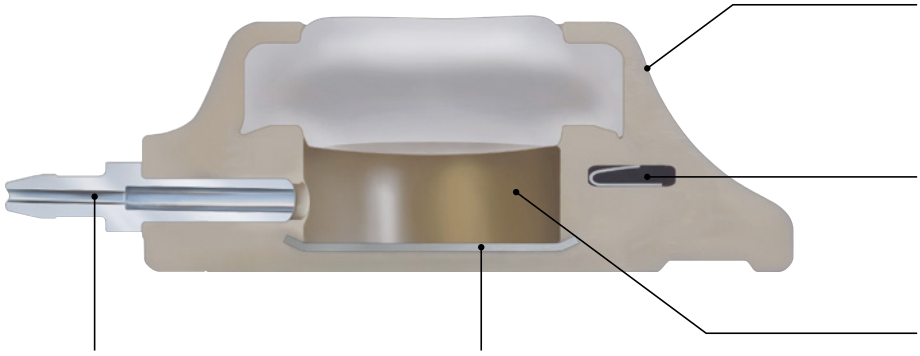
Access ports for mid to long-term venous applications

Celsite® Safety is intended to be used in any condition that requires mid to long-term intermittent or continuous central venous infusions.

The anatomic design with a low profiled nose simplifies the insertion and allows the creation of a small port pocket to downsize the trauma.



PEEK AND TITANIUM COMBINATION AS SPECIAL SAFETY FEATURES



PEEK material (Poly Ether Ether Ketone) for high chemical resistance and excellent durability

CT marking for easy identification of the power injectability of the port under x-ray

Reduced titanium content to reduce metal induced artefacts

Titanium exit cannula for precise catheter connection

Titanium bottom plate for high puncture resistance

Celsite® Safety

Long Term Central Venous Access without Compromise on Safety

LARGE PUNCTURE AREA WITH HIGH DENSITY SILICONE SEPTUM

For simple puncturing and reliable sealing to allow good port life

EXTRA LARGE SUTURE HOLES

For easy fixation of the access port with sutures

LASERMARKED PUR AND SILICONE CATHETERS

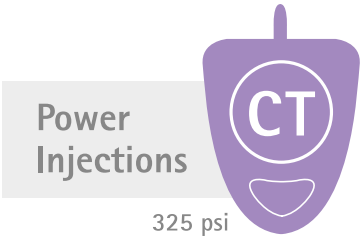
- Clear readability of the catheter length
- No ink is added

RADIOPAQUE CONNECTION RING

Anti kink protection and additional fixation of the catheter

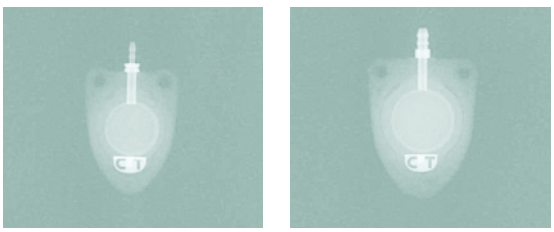
HIGH PRESSURE RESISTANT

- Complete range of Celsite® Safety is resistant to high pressure injections up to 325 psi
- Enables power injections of contrast media
- No need for additional venous access



RADIOPAQUE CT – MARKING

Clear identification of high pressure resistance under the x-ray



Celsite® Safety

Long Term Central Venous Access without Compromise on Safety

REDUCED TITANIUM CONTENT

To reduce metal induced artifacts in MRI

PEEK AS HOUSING AND CHAMBER MATERIAL

- Poly Ether Ether Ketone - A biocompatible material with high chemical and pressure resistance and excellent durability characteristics.
- Natural color without any additional substances

TITANIUM BOTTOM PLATE

High puncture resistance

TITANIUM EXIT CANNULA

Precision in catheter connection

Surecan® SAFETY II - PORT NEEDLE

- Intuitive safety mechanism to reduce the risk of needle stick injuries
- High pressure resistance up to 325 psi

Safecan™ SAFETY - PUNCTURE NEEDLE

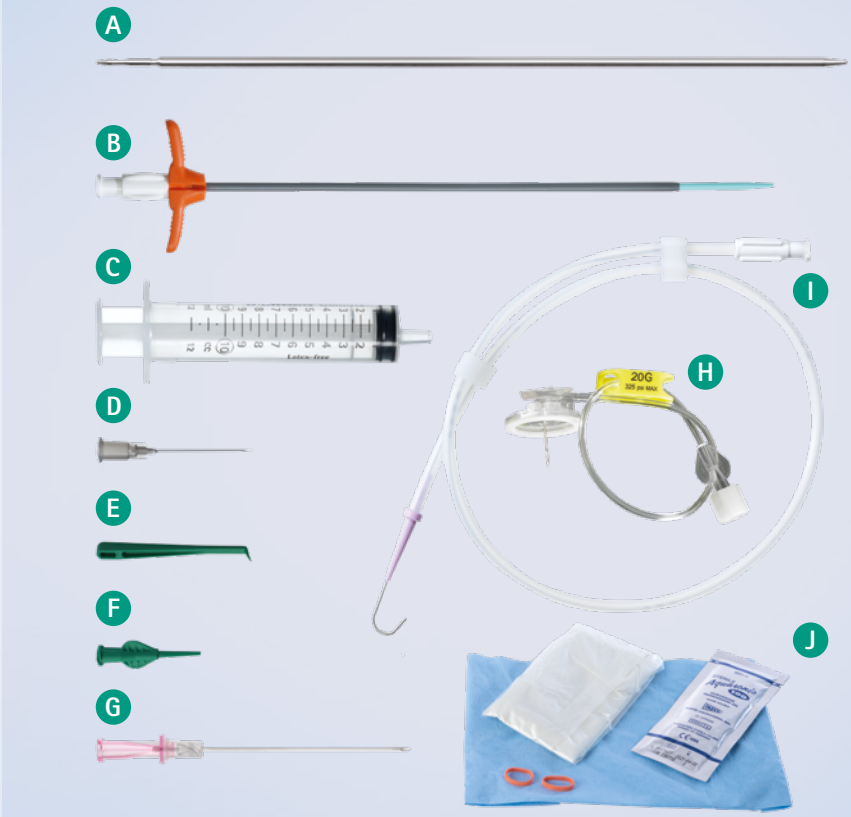
- Safety mechanism to reduce the risk of needle stick injuries
- Echogenic puncture needle for needle tip location via ultrasound

Celsite® Safety

Accessories

ACCESSORIES

- **A** Tunneling rod for easy catheter tunneling
- **B** Peelable introducer sheath with dilatator for easy percutaneous access
- **C** Omnifix® Luer Syringe
- **D** 1 Surecan® Straight for flushing, aspiration and local anesthesia
- **E** Long vein lifter allows easy handling
- **F** Separate Rinsing Hub for more flushing flexibility during implantation
- **G** Safecan™ Safety - Safety Echogenic Vein Puncture Needle
- **H** Surecan® Safety II - Safety Port Needle
- **I** Stainless Steel guidewire with flexible J-tip
- **J** Ultrasound Cover



	Implantation technique	Seldinger	Surgical cut-down	Seldinger (SNT)
	Kit Designation	1	2	3
A	Tunnelling Rod	✔	-	✔
B	Tear-away Introducer	L 180/140 mm	-	L 180/140 mm
C	Omnifix® Luer Syringe	10 mL	-	10 mL
D	Straight Surecan®	22 G x 30 mm	22G x 30 mm	22 G x 30 mm
E	Vein Lifter	✔	✔	✔
F	Rinsing Hub	✔	✔	✔
G	Safecan™ Safety - Puncture Needle	18 G x 70 mm	-	18 G x 70 mm
H	Surecan® Safety II	20 G x 20 mm	-	-
I	J Guide Wire with Dispenser	0.035" x 50 cm	-	0.035" x 50 cm
J	Ultrasound Cover	-	-	1 US Probe (127x1473,2mm), 1 Gel, 2 Orange Fixation Rings, Pouch

Celsite® Safety

Celsite® Safety offers a wide range of Silicone and PUR catheters as well as two different port sizes, Standard and Small.

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)** Viscosity up to 11.4 mPa.s (cP)			Implantation technique	Type	Reference	Accessories see page 5
				19 G	22 G	22 G	20 G	19 G				
Standard												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Surgical cut-down	T601F	4437556	2
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Surgical cut-down	T601L	4437573	2
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Surgical cut-down	T601P	4437565	2
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	Surgical cut-down	T601H	4437581	2
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST601F	4437603	1
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST601L	4437612	1
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST601G	4437620	1
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST601P	4437607	1
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	Seldinger	SST601H	4437617	1
Small												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Surgical cut-down	T605F	4437758	2
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Surgical cut-down	T605G	4437786	2
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST605F	4437803	1
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST605L	4437817	1
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST605G	4437822	1
PUR	5 / 1.6	1.1	500	26	10	2	5	5	Seldinger	SST605C	4437800	1
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST605P	4437809	1
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	Seldinger	SST605H	4437813	1

* Gravity infusion of saline (0.9%) through a 22G respectively 19G needle from a height difference of 1 m and a catheter length of 40 cm. According to ISO 10555-1

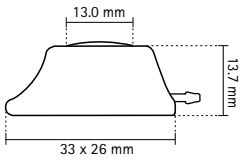
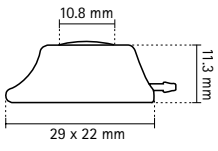
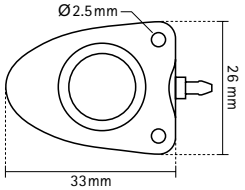
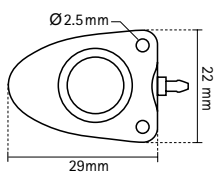
** Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II 20 mm needle

ALL Celsite® SAFETY PORTS ARE PVC, LATEX AND DEHP FREE

PVC FREE

LATEX FREE

DEHP FREE

Standard	Small
	
	
Material: Titanium | PEEK **Weight:** 8 g **Internal Volume:** 0.5 mL	**Material:** Titanium | PEEK **Weight:** 5 g **Internal Volume:** 0.3 mL

Celsite® Safety

Additional References with Ultrasound Cover and Silicone Plugs

Celsite® SAFETY SNT WITH ULTRASOUND COVER*

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate** (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)*** Viscosity up to 11.4 mPa.s (cP)			Implantation technique	Type	Reference	Accessories see page 5
				19 G	22 G	22 G	20 G	19 G				
Standard												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SNT601F (US Probe)	4437592	3
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SNT601L (US Probe)	4437593	3
Small												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SNT605F (US Probe)	4437594	3
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SNT605L (US Probe)	4437595	3

* Available in CE marked countries

** Gravity infusion of saline (0.9%) through a 22G respectively 19G needle from a height difference of 1 m and a catheter length of 40 cm. According to ISO 10555-1

*** Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II 20 mm needle

Celsite® SAFETY WITH SILICONE PLUGS

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)** Viscosity up to 11.4 mPa.s (cP)			Implantation technique	Type	Reference	Accessories see page 5
				19 G	22 G	22 G	20 G	19 G				
Standard												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST701F	4437605	1
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST701L	4437614	1
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST701G	4437621	1
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST701P	4437609	1
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Surgical cut-down	T701F	4437560	2
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Surgical cut-down	T701L	4437578	2
Small												
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST705F	4437805	1
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST705L	4437818	1
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST705G	4437790	1
PUR	5 / 1.6	1.1	500	26	10	2	5	5	Seldinger	SST705C	4437801	1
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST705P	4437807	1
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	Seldinger	SST705H	4437815	1

* Gravity infusion of saline (0.9%) through a 22G respectively 19G needle from a height difference of 1 m and a catheter length of 40 cm. According to ISO 10555-1

** Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II 20 mm needle

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