



SupercathTM

What is Supercath?

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Supercath NEO

Safety Hemodialysis Fistula catheter



What is Supercath?

Smoother and
Safer Insertion

Full-Covered
Passive Safety
Mechanism

Reduce patients pain
with back-cut needle
puncture performance

Before puncture



After withdrawal/ Removal of the steel needle



1

2



What is Supercath?

Fully Covered Passive Safety Mechanism

The Inner needle will be fully- covered automatically on the needle withdrawal/ removal dislike Nipro's safety product.



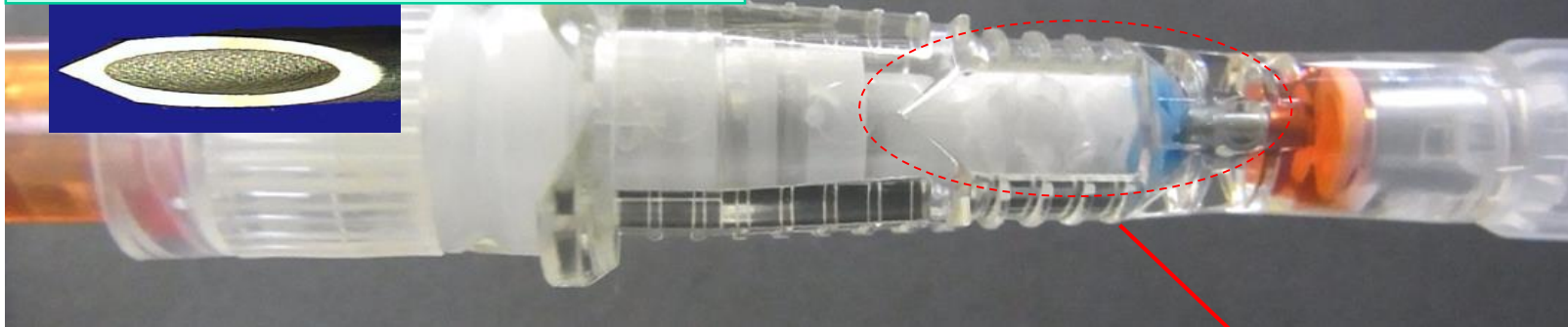
- Reduce of Needle Stick Injury by Accidental Human Error
- Same Handling Way as Supercath AZ (SP302 codes)
 - No extra training required



What is Supercath?

The front of Needle Blade

Hub window on grip part



It is designed that hub window and needle blade are facing up in the same direction and then easy to identify to find the needle blade.

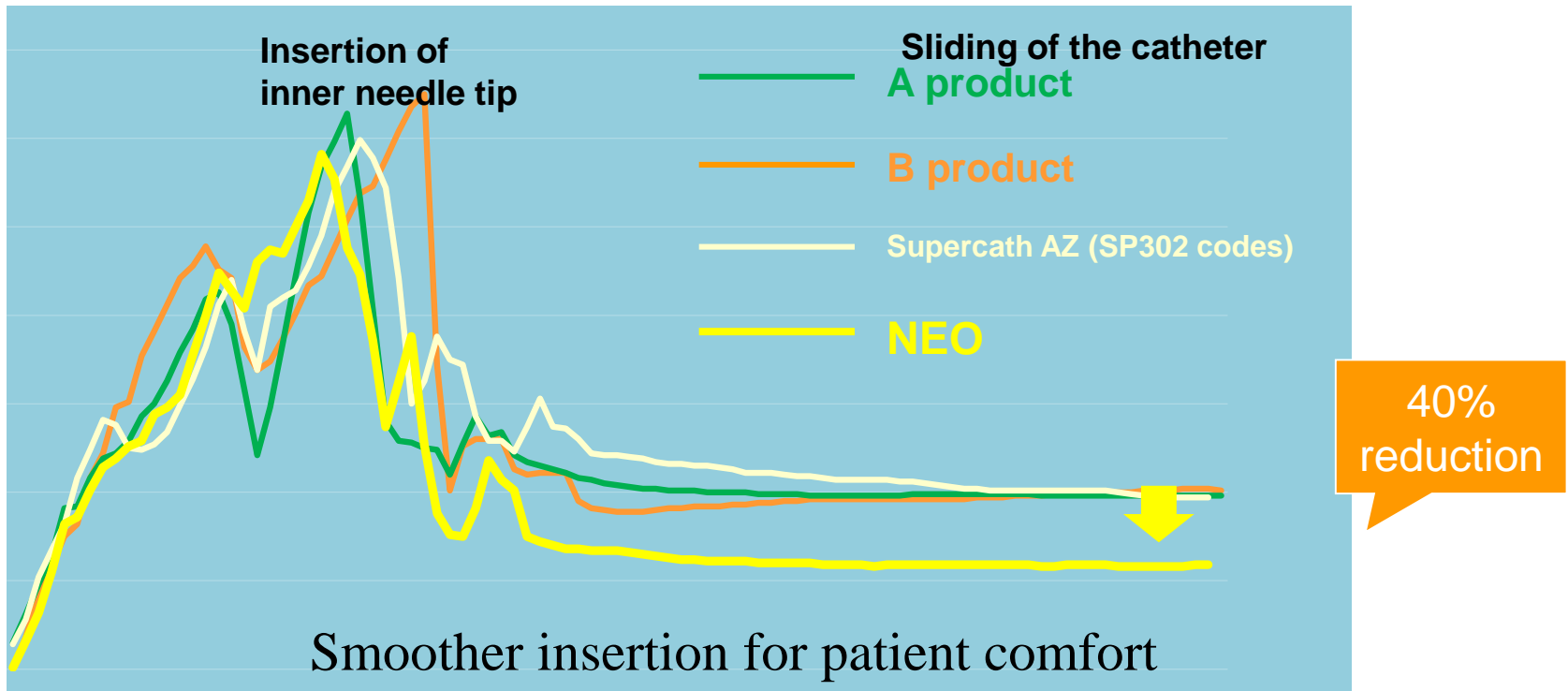




What is Supercath?

Improvement of polypropylene catheter surface processing technology makes the puncture/sliding resistance is reduced in a comparison with Supercath AZ (40% reduction).

< Resistance Value Graph >
(puncture on artificial leather)





What is Supercath?

Product NO.	Catheter (mm)			Needle Gauge	No. of Side Holes	Packing
	Length	O.D.	I.D.			
SP802-14 (25)	25	2.10 (14G)	1.60 (16G)	16G	4	50pcs/Shelf Box
SP802-14 (33)	33					
SP802-15 (25)	25	1.93 (15G)	1.45 (17G)	17G	4	1000pcs/Shipper Box (20 Shelf Boxes)
SP802-15 (33)	33					
SP802-16 (25)	25	1.73 (16G)	1.25 (18G)	18G	4	

*Sterilized by E.B. (Electron Beam)



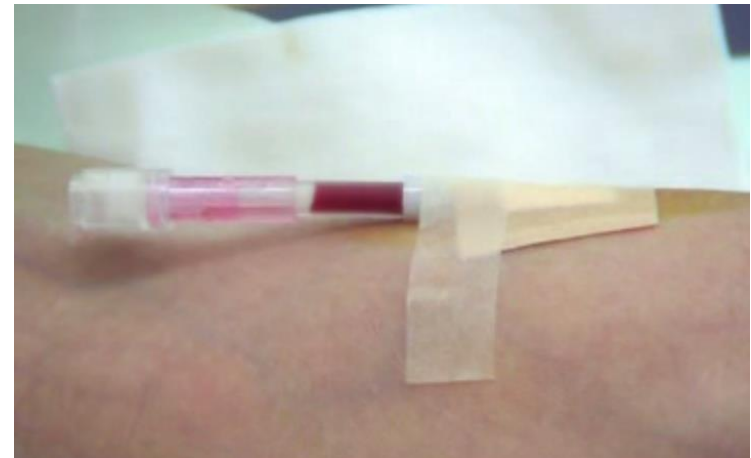
What is Supercath?

After the cannulation, metal needle is removed.

Only plastic cannula is left inside the vessel during dialysis session.



At Cannulation

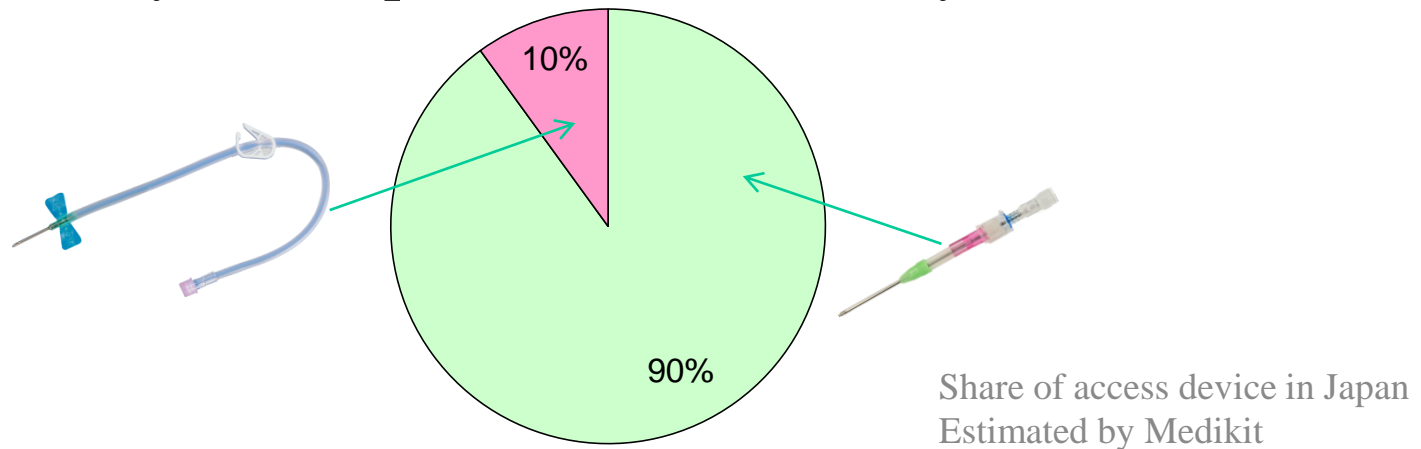


After needle removal



What is Supercath?

Fistula catheter has been standard vascular access device for hemodialysis in Japan for more than 30 years.



Japan has second largest hemodialysis population in the world with 304,935*.

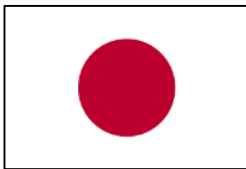
*As of Dec 31, 2013/Japanese society for Dialysis Therapy



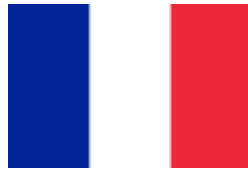
What is Supercath?

Supercath has been exported since 20 years ago and have been used in more than 20 countries.

Countries widely using Supercath as of the end of 2011 include:



Japan



France



Finland



Netherlands



Canada



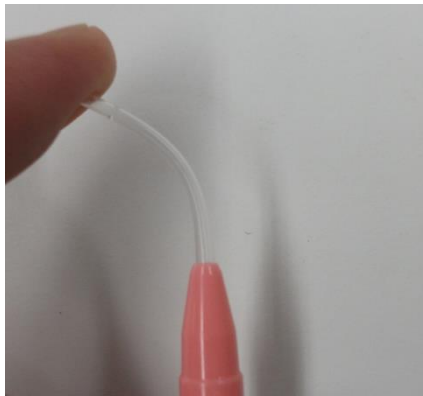
Belgium



What is Supercath?

Benefit:

- Minimize risk of damage on vessel wall
- Can be used on nonideal access site
- Patients may move their arms during dialysis session
- Good alternative for patients with metal allergy



Flexible Plastic Catheter resides within the vessel



What is Supercath?

Ideal for Patients with....

- Difficult Fistula
- Metal Allergy
- Anxious or Restless Patients (Dementia)
- Nocturnal /Nocturnal Home Hemodialysis
- During Maturation of Fistula
- Infectious Diseases (HVC/HVB/HIV)

Self Cannulation





What is Supercath?

Length Selection: 25mm or 33mm

Shorter (25mm)

Better biocompatibility

Better flowrate

Easier cannulation (less needle deflection)

Lesser risk of infiltration and extravasation



Longer (33mm)

Better fixation stability

Easier access to deeper fistula





SupercathTM

FAQ



FAQ

Q:

Is it possible to use a set of Supercath for more than one dialysis session?

What is the possible maximum dwelling hours?

A:

Supercath is intended for the use with one dialysis session that should not exceed 8 hours.



FAQ

Q:

Is it possible to use Supercath also on AV Graft?

A:

Yes, its commonly used on AV Graft.

Supercath is ideal for AV graft, as the cannulation is done with smaller needle compared to traditional metal fistula needle.



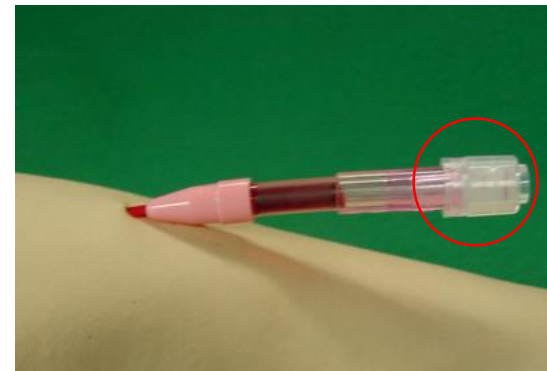
FAQ

Q:

Traditional metal fistula needle has built-in clamp on the tubing but not with Supercath, how can the blood spillage be avoided ?

A:

The blood control cap equipped at the tail end of the catheter unit prevents blood spillage upon withdrawal of the introducer needle .





FAQ

Q:

Traditional metal fistula needle has built-in wings for cannulation and fixation, is Supercath with wings available ?

A:

Only Supercath without wings is available. Cannulation is done by holding needle hub (tail end)





FAQ

Q:

Is the longevity of vascular access (fistula/graft) improved with Supercath ?

A:

It is believed so, as the punctures are done with smaller needle and the less possibility of internal vessel wall damage during dialysis sessions.

A clinical study to compare cannulation impact of traditional metal fistula needle and Supercath is currently being prepared.



FAQ

Q:

Is self-cannulation possible with Supercath?

A:

It is possible with Supercath CLS, but it's more difficult with Supercath AZ as the total length is longer with the safety shield.





FAQ

Q:

What is the sterilization method for Supercath?

A:

At this moment only Supercath with EtO sterilization is available.

Radiation sterilized products will be available in the near future.



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Thank You!!