Tierrett Animal Indwelling Needle

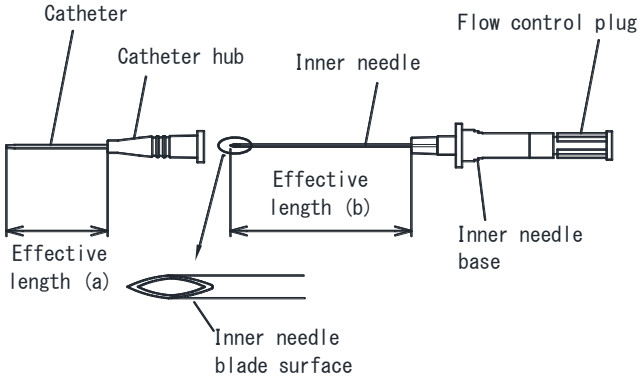
Instructions for use

Contraindicated to re-use

[CONTRAINDICATIONS・PROHIBITION]
- ・Do not reuse the product (single use only).
- ・Do not re-puncture.
  [May not be possible to puncture properly.]
- ・When removing the inner needle from the catheter, do not stop the inner needle in the middle of the catheter. Do not advance the inner needle toward the needle tip in the catheter.
  [The inner wall of the catheter may be damaged, causing the catheter to break and leak or bleed.]

[Shape, structure, principle]
- ・This product is sterilized with ethylene oxide gas.
- ・This product uses metal.

<Shape>



Size	Catheter		Inner needle	
	O. D.	Effective length (a)	O. D.	Effective length (b)
14G×48mm	1.9 mm	48 mm	1.2 mm	69 mm
16G×48mm	1.7 mm	48 mm	1.0 mm	69 mm
18G×32mm	1.3 mm	32 mm	0.9 mm	51 mm
18G×48mm		48 mm		69 mm
20G×25mm	1.1 mm	25 mm	0.7 mm	45 mm
20G×32mm		32 mm		51 mm
22G×25mm	0.9 mm	25 mm	0.5 mm	45 mm
24G×19mm	0.7 mm	19 mm	0.4 mm	37 mm
26G×19mm	0.6 mm	19 mm	0.3 mm	37 mm
26G×12.7mm		12.7 mm		31 mm

<Raw Materials>
- ・Catheter: FEP resin
- ・Catheter hub: ABS resin, Stainless steel
- ・Inner needle: Stainless steel, Acrylic
- ・Flow control plug: Polypropylene

<Principles>

An indwelling needle can be punctured into a blood vessel to connect to an infusion set, a blood transfusion set, etc.

[Intended purpose, efficacy or effect]

This product is an indwelling needle used for arteriovenous infusion such as infusion, etc.

[Operating or using method]

The below is a general procedure.

[1] Disinfect the puncture site and the surrounding skin with a disinfectant (povidone iodine, etc.).

[2] Hold the inner needle base so that the blade surface of the inner needle faces up, and puncture the blood vessel.

[3] Confirm that the tip of the inner needle has entered the blood vessel due to the inflow of blood into the inner needle base, blood has flowed into the catheter and the tip of the catheter has entered the blood vessel.

[4] Remove the inner needle while stop the bleeding.

<Precautions for the using method>

If the following items are not observed, the catheter will be damaged, the connection may come off and the catheter may come out of the blood vessel.

[1] Do not reinsert the inner needle into the catheter before use.

[2] Do not place and use the catheter at the bending site.

[3] Do not pinch the catheter with forceps etc. or crush it with your nails.

[4] Do not use sharp objects such as scissors or scalpels near the catheter.

[5] Do not apply a load of pulling, pushing or bending to the catheter and the joint part.

[6] When connecting a connector such as an infusion set or blood transfusion set etc. to the catheter hub, make sure to hold the catheter hub.
[If the catheter hub is connected without gripping, rotational load is applied to the adhesive part between the catheter and the catheter hub, the adhesive strength decreases, catheter may come off.]

[7] When connecting and placing a tube such as an infusion set or blood transfusion set to a catheter hub, fix the catheter / catheter hub, infusion set, blood transfusion set, etc. to the body surface with the surgical tape or etc.
[If the tube of the infusion set or blood transfusion set is overloaded, the connector of the infusion set or blood transfusion set may come off from the catheter hub.]

[8] When connecting and placing a tube such as an infusion set or blood transfusion set to a catheter hub, manage the tubes of the infusion set and blood transfusion set so that they are not overloaded.
[The catheter may come off from the catheter hub, or the infusion set or blood transfusion set connector may come off from the catheter hub.]

[Precautions]

<Important basic caution>

[1] Make sure to confirm the condition of the puncture site because the inside of the catheter may be clogged with living tissue or blood.
[When a needle is punctured into a hardened surgical scar, living tissue gets stuck in the catheter, or the blood coagulates and clogs in the catheter, drug solution may not be injected.]

[2] Do not pinch the device with forceps too strongly.

[3] Make sure to check for damage to the product, loose joints, leaks, etc. during use.

[4] Metal is used for the catheter hub and inner needle of this product, when performing an inspection by MRI (Magnetic Resonance Imaging), note that the image may have artifacts and local high frequency heating.

<Failures・Adverse events>

Failures

Breaking or bending due to excessive load.

Adverse events

The following adverse events may be caused by the use of the product:

- Bone marrow suppression by drug injection, gastrointestinal ulcer, arteritis / phlebitis
- Accidental puncture

[Storage conditions and duration of use]

<Storage conditions>

Store the product hygienically, avoiding the direct sun light, high humidity and ultraviolet rays such as a sterilizing lamp and taking care of wetting.

< Expiration date >

See the expiration date given on each package provided that the device is stored appropriately.

[By self-authentication (our data).]

Manufacturer

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