

## Instructions for use of Single Polymer Ligating Clips

【Product name】 Single Polymer Ligating Clips

【Model specification】 NLC-OL-2、NLC-OL-3、NLC-OL-4、NLC-OL-5、NLC-OL-6、NLC-OM-2、NLC-OM-3、NLC-OM-4、NLC-OM-5、NLC-OM-6、NLC-OS-2、NLC-OS-3、NLC-OS-4、NLC-OS-5、NLC-OS-6

【Scope of application】

For ligating blood vessels and tubular tissues during surgery.

【Product structure composition】

1、 Comparison table of product model specifications and related parameters:

Table 1:

Model	Closed vessel and tubular tissue area diameter (mm)
NLC-OL-2, NLC-OL-3, NLC-OL-4, NLC-OL-5, NLC-OL-6;	3-10
NLC-OM-2, NLC-OM-3, NLC-OM-4, NLC-OM-5, NLC-OM-6;	2-7
NLC-OS-2, NLC-OS-3, NLC-OS-4, NLC-OS-5, NLC-OS-6;	1-3

2、 Materials and composition

Single Polymer Ligating Clips consist of ligating clips, a cover plate and a base (as shown in Figure 1); the closing clip is made of POM (Polyoxymethylene) material and is non-absorbable.

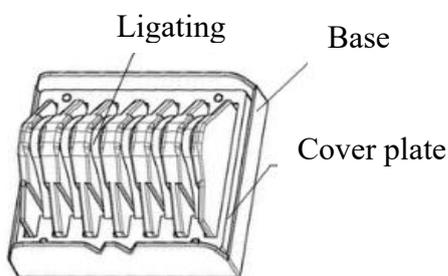


Figure 1 Single Polymer Ligating Clips

【Product performance】

- 1、 The ligating clip has good toughness.
- 2、 The ligating clip does not bounce off itself after clamping.

**【Contraindications】**

- 1、 It can not be used as a fallopian tube blocking device during IUD;
- 2、 It can not be used for renal artery ligation in laparoscopic donor nephrectomy。
- 3、 It is not suitable for large arteries and veins.

**【Note】**

- 1、 This product is valid for 5 years. please use it within the indicated validity period.
- 2、 This product is for one-time use. can not be repeated sterilization. use.
- 3、 Please check the integrity of the package before use. if found damaged should not be used.
- 4、 Should avoid falling, impact and forced dismantling product use.
- 5、 This product is recommended to be used in conjunction with the Single Clip Reusable Applier (hereinafter referred to as the applier) produced by our company.

**【Warnings and Instructions】**

- 1、 When the product is delivered. ethylene oxide has been sterilized. If the package is damaged.it is strictly prohibited to use;
- 2、 If there is damage or suspected damage found by visual inspection. it should be abandoned and contacted with the company.
- 3、 The product is disposable and shall not be used after repeated treatment or repeated sterilization.
- 4、 Factors such as storage beyond the [storage conditions and methods] marked in this manual and failure to follow the [instructions for use] in the manual will directly affect the use effect of the product.
- 5、 This product is used by physicians who have received relevant professional knowledge and technical training.
- 6、 Please do not try to use this product without reading this instruction manual completely, any careless operation will bring risks to the success of the operation.
- 7、 It is recommended that the product be used in conjunction with the "Single Clip Reusable Applier" produced by our company for clipping. It is recommended to use model ECA-5S for small ligating clips, ECA-10M for medium ligating clips, and ECA-10L for large ligating clips.
- 8、 When the product fails to be clamped and needs to be removed, it is recommended to use the "Clamp removal (Registration No. )" produced by Zhejiang Shendashiao Medical Devices Co., Ltd. for clamp removal. It is recommended to use model number SD-301.231 for small ligating clips, and SD-301.232-1 for medium and large sizes.

**【Samples of labels and packaging marks】**



Read the instruction manual before use



Sterilized with ethylene oxide



No secondary use



Do not use if package is damaged

**【Instructions for use】**

- 1、 The clinician should select the appropriate ligating clip specification and model and the matching model of applier for clinical use according to the diameter and size of the blood vessel or tubular tissue and the above Table 1.
- 2、 Align the applier vertically with the ligating clip in the base, and gently push the head

of the applier into the slot of the base. The head of the applier should be fully open when pushed in (see Figure 3) until the clicking sound is heard. Be careful not to force the applier into the base, and the ligating clip should easily enter and exit the base. Remove the applier from the base and visually check that the ligating clip is securely attached to the inside of the applier's head (see Figure 4).



Figure 3



Figure 4



Figure 5

3、 Deliver the ligating clip into the body through the applier. Visually observe that the looking hook of the ligating clip should be exposed to the distal end of the target blood vessel or tubular tissue. Confirm that the ligating clip can completely wrap the target blood vessel or tubular tissue. Note: When applying the ligating clip, avoid damage may caused by the hook-lock structure of the ligating clip on the blood vessels or tubular tissue.

4、 Position the ligating clip on the target blood vessel or tubular tissue to avoid lateral movement; the applier is quickly excited to close the ligating clip, and the clicking sound can be heard. After visual inspection, the applier is released and the ligating clip is removed from the head of the applier and placed in the target blood vessel or tubular tissue (see Figure 5).

5、 Note: If the blood vessel or tubular tissue is severed, do not use the side of the ligating clip as a guide for the disconnection, and keep no less than 3mm of the blood vessel or tubular tissue stump.

**【Storage conditions and methods】** The product should be stored in a dry, non-corrosive gas and well-ventilated room.

**【Shipping requirements】** The product transportation process should prevent heavy pressure deformation, direct sunlight, scratching by hard objects and immersion in rain, snow or liquid substances.

**【Production date】** See product package label

**【Expiration date】** See product package label

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**【After-sales service organization】** Hangzhou Sunstone Technology Co., Ltd.

**【Production enterprise license number】**

**【Registration number】**

**【Product technical requirement number】**

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