

## Instructions for use of Multiple Polymer Ligating Clips

**【Product name】** Multiple Polymer Ligating Clips

**【Model specification】** NLC-CL-2、NLC-CL-3、NLC-CL-4、NLC-CL-5、NLC-CL-6、NLC-CM-2、NLC-CM-3、NLC-CM-4、NLC-CM-5、NLC-CM-6、NLC-CS-2、NLC-CS-3、NLC-CS-4、NLC-CS-5、NLC-CS-6

**【Scope of application】**

Combined with the special Multiple Clip Reusable Applier, it can continuously ligate blood vessels and tubular tissues during the operation

**【Product structure composition】**

1. Comparison table of ligating clip models, specifications and related parameters:

Table 1:

Model	Closed vessel and tubular tissue area diameter (mm)
NLC-CL-2, NLC-CL-3, NLC-CL-4, NLC-CL-5, NLC-CL-6;	3-10
NLC-CM-2, NLC-CM-3, NLC-CM-4, NLC-CM-5, NLC-CM-6;	2-7
NLC-CS-2, NLC-CS-3, NLC-CS-4, NLC-CS-5, NLC-CS-6;	1-3

2. Materials and composition

The Multiple Polymer Ligating Clips (hereinafter referred to as the "ligating clip") consists of a ligating clips, cartridge, sleeve of cartridge. The ligating clip is made of POM (as shown).

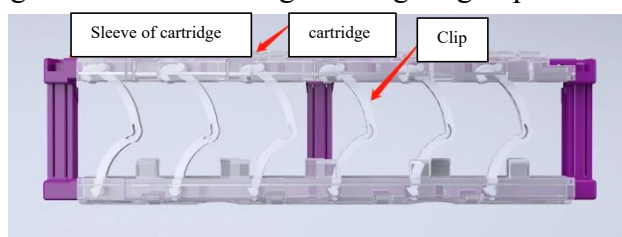


Figure 1 Components of Multiple Polymer Ligating Clips

**【Product performance】 :**

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

**【Contraindications】**

- 1) It cannot be used as a fallopian tube blocking device during IUD;
- 2) It can not be used for renal artery ligation in laparoscopic donor nephrectomy

**【Note】**

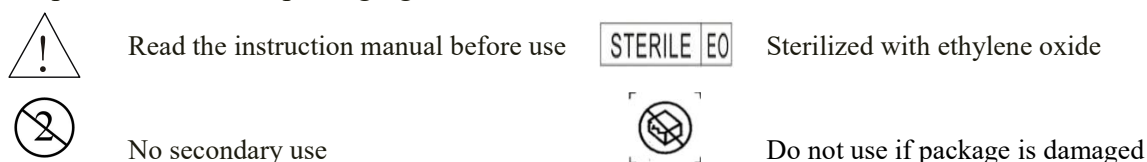
- 1、 This product is valid for 5 years. please use it within the indicated validity period.
- 2、 This product is for one-time use. can not be repeated sterilization. use.
- 3、 Please check the integrity of the package before use. if found damaged should not be used.

- 4、 Should avoid falling. impact and forced dismantling product use.
- 5、 This product is recommended to be used in conjunction with the Multiple 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.

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



**【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、 After removing the aseptic package, press the cartridge toward each other to make the upper and lower rails snap together (as shown in Figure 6), remove the sleeve of cartridge and take out the cartridge; put the cartridge into the applier in the direction of the applier tip as indicated by the arrow (as shown in Figure 7). Note: After the cartridge is pressed and fastened, the ligating clips should be used up within 4 hours. If they are not used for a long time, the performance of the remaining ligating clips may be affected. They should be discarded and replaced.



Figure 6



Figure 7

3、 According to the applicator's instruction manual, push the ligating clips in the cartridge to the applicator tip, and check visually to confirm that the ligating clip is stably fixed inside the applicator tip (as shown in Figure 8).

4、 Deliver the ligating clip into the body through the applicator, and visually inspect that the locking hook of the ligating clip should be exposed to the distal end of the target blood vessel or tubular tissue, and confirm that the ligating clip can completely wrap the target blood vessel or tubular tissue. Note: When applying the ligation clip, avoid damage may caused by the hook-lock structure of the ligating clip on the blood vessels or tubular tissue.

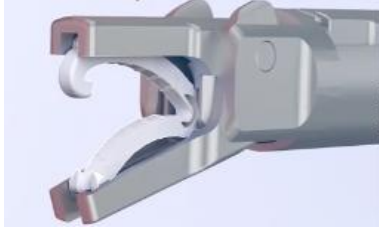


Figure 8



Figure 9

5、 Position the ligating clip at a suitable closable part of the target blood vessel or tubular tissue, and avoid lateral movement again after positioning. According to the instruction manual of the applicator, activate the clamping trigger of the applicator quickly, so that the ligating clip (as shown in Figure 9) is closed, and a click can be heard when it is closed in place. After visually confirming that the closure state is good, the clamping trigger is released, so that the ligation clip is detached from the clamp head and left at the closure site of the target blood vessel or tubular tissue.

6、 Note: If the blood vessel or tubular tissue is severed, do not use the side of the ligation clip as a guide for the disconnection, and keep no less than 3mm of the blood vessel or tubular tissue stump to avoid incomplete closure after tissue contracture.

**【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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**【Production enterprise license number】**

**【Registration number】**

**【Product technical requirement number】**

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