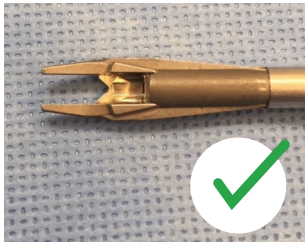


LIGAMAX™ 5 Endoscopic Multiple Clip Applier (EL5ML)

Optimized Device Performance Guide

Inserting the device

- 1. Insert the clip applier through an appropriately sized trocar.** The empty jaws will passively collapse as they are inserted through a 5mm trocar and reopen when completely through the trocar.
- 2. CAUTION:** Do not insert the clip applier through a trocar if a clip is present in the jaws. This may result in clip malformation, dislodged clips or damage to the instrument.
- 3.** Prior to loading a clip in the jaws, **ensure that the jaws are fully opened** by verifying that the line of demarcation between the jaws and the instrument shaft is past the distal end of the trocar cannula.

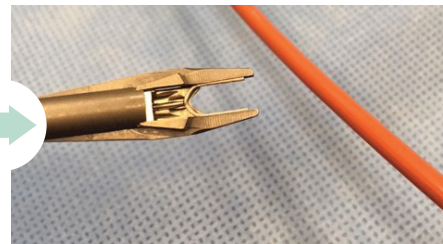


Load the clip

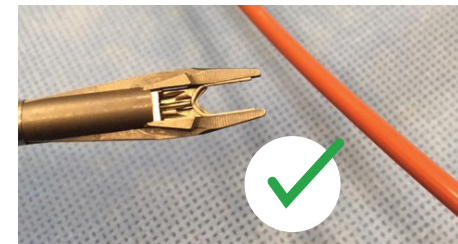
- 4.** Prior to positioning the jaws around the tubular structure to be ligated, **load a clip into the jaws** by partially squeezing the trigger in a smooth continuous motion for approximately one-third of the total firing stroke.
- 5. Inspect the jaw tips** to ensure the clip is fully advanced in the jaws.



Partially advanced



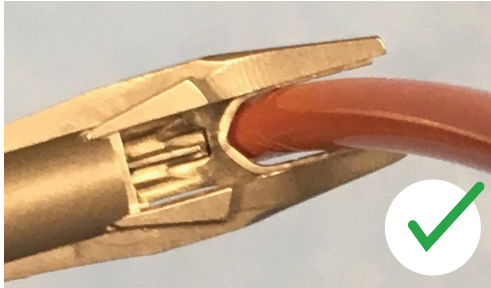
Fully advanced



Position the jaws

6. Position the jaws with the preloaded clip completely around the tubular structure or vessel to be ligated.

The structure to be ligated should be positioned against the apex of the clip.



7. Do not excessively twist or torque the instrument jaws

when positioning or firing the instrument on a tubular structure or vessel. Excessive twisting or torquing may result in clip malformation.



Fire the device

8. Complete the firing cycle by squeezing the trigger until it stops against the handle to completely form the clip on the targeted structure or vessel. The trigger must be fully squeezed against the handle to ensure complete clip formation.



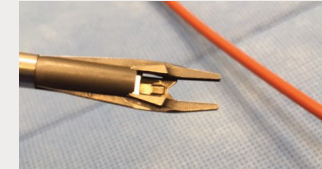
9. After firing, fully release the trigger. Check to ensure that each clip has been securely placed around the tissue being ligated.



Additional clip application

Prior to loading each additional clip in the jaws, **please ensure that the device is not around the tubular structure to be ligated.** Clip loading must occur prior to positioning the device on the structure.

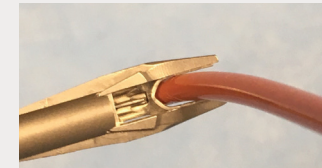
1. Position jaws off structure.



2. Load and inspect clip.



3. Position jaws and clip on structure.



4. Complete firing cycle.

