

# In-service Information

## Ethicon Endo Surgery™ Linear Cutter



# Illustrated Steps to Use: Indications and Contraindications

## Indications

The Linear Cutter 55/75mm and selectable cartridge has application in gastrointestinal, gynecologic, thoracic, and pediatric surgery for transection, resection, and the creation of anastomoses and can be used with staple line or tissue buttressing materials.

## Contraindications

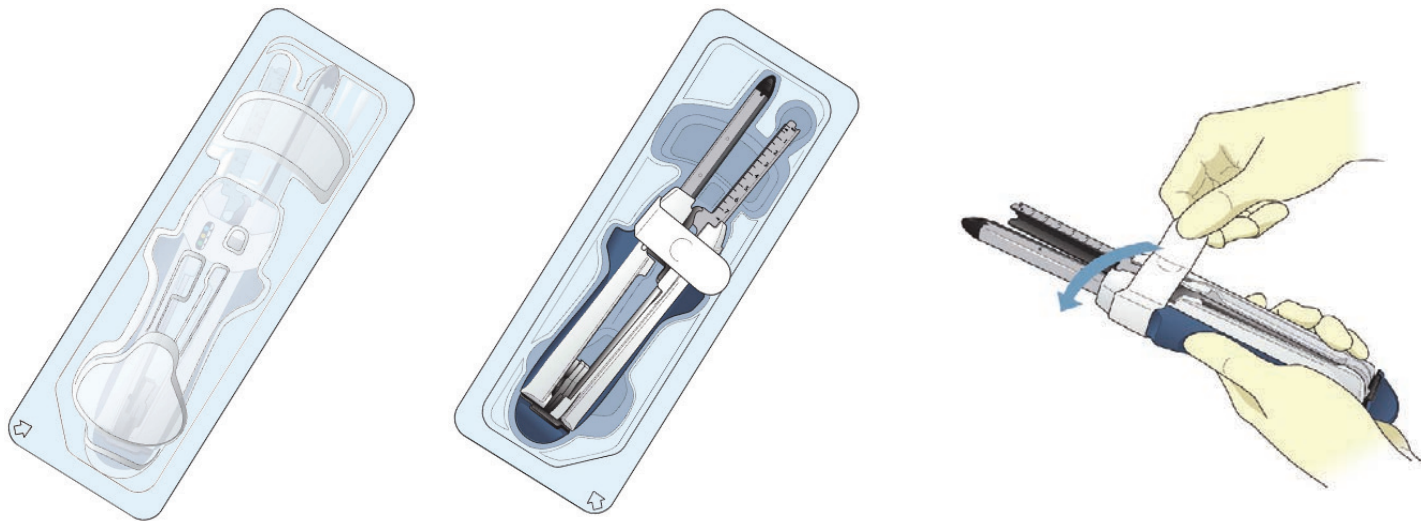
- Do not use the instruments on the aorta.
- Do not use the instruments on ischemic or necrotic tissue.
- Do not use any linear cutter on major vessels without making provision for proximal and distal control.
- Do not use the instruments on solid organs, such as liver or spleen, where attempted compression would be destructive.
- Refer to the Product Codes Chart for the tissue compression requirement (closed staple height) for each staple size.

If tissue cannot comfortably compress to the closed staple height, or compresses easily to less than the closed staple height, the tissue is contraindicated as it may be too thick or too thin for the selected staple size.

- These instruments are not intended for use when surgical stapling is contraindicated.

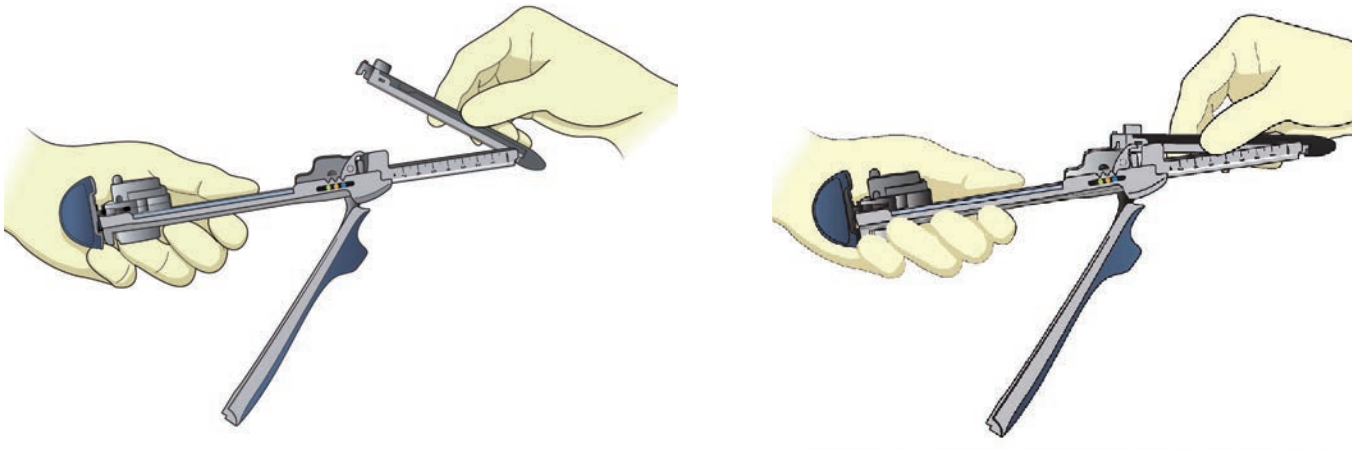
# Steps 1 & 2

1. Using sterile technique, remove the instrument from the package. To avoid damage, do not flip the cartridge/reload into the sterile field.
2. If Instrument is not separated into halves, separate instrument by completely disengaging the alignment/locking lever.



## Steps 3 & 4

3. Load the instrument by inserting the selectable cartridge/reload by placing the alignment tabs into the alignment slots and pivoting the selectable cartridge/reload onto the cartridge/reload fork. Snap the cartridge/reload into position.
4. Remove staple retaining cap by grasping the edge of the staple retaining cap and lift straight up from the cartridge/ reload. Discard the staple retaining cap.

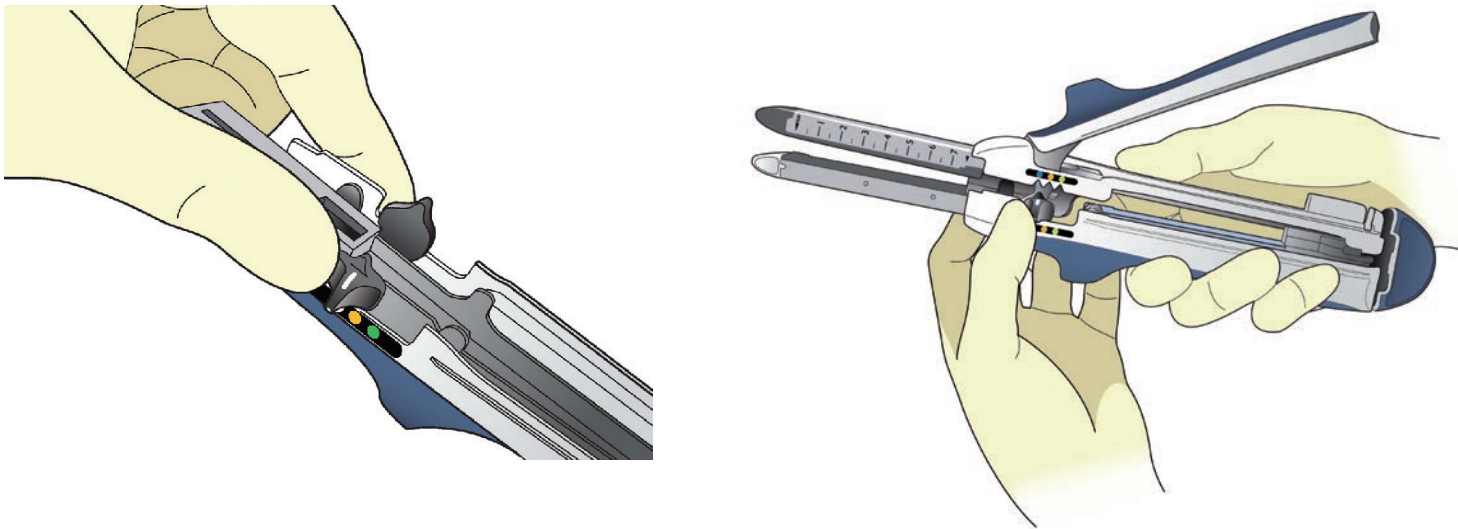




# Step 5

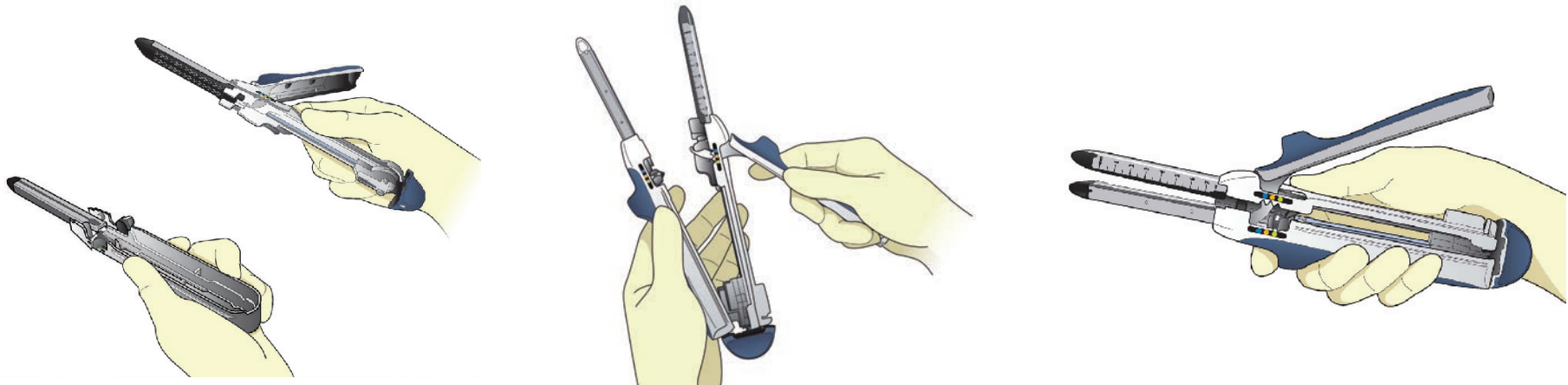
5. Prior to placing instrument across the tissue, select the desired closed staple height. In order to select the desired staple height, push the staple height selector so that it is aligned with desired color indicator, Blue 1.5mm, Gold 1.8mm or Green 2.0mm. If tissue cannot be comfortably compressed to the closed staple height, or easily compresses to less than the closed staple height, either the setting or the tissue is contraindicated for the selected staple size or setting.

**Note:** Selecting the desired closed staple height can be done prior to placing instrument across tissue or after.



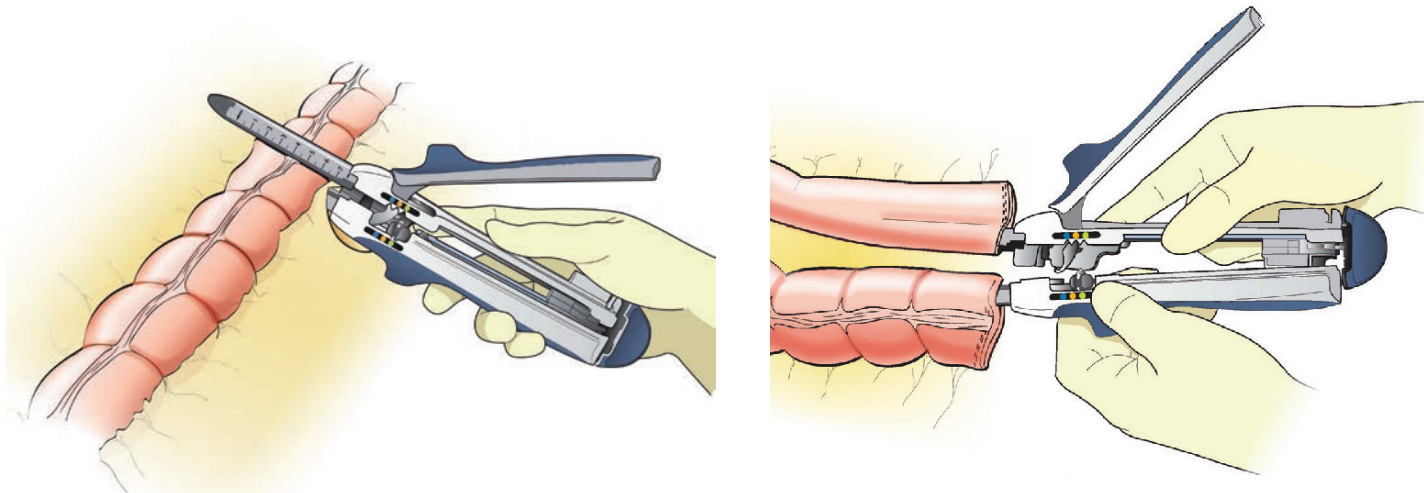
# Steps 6 & 7

6. With the alignment/locking lever in the completely opened position, join the instrument halves together by aligning from either the front, center, or back of the instrument.
7. To adjust tissue on the forks before firing, move the alignment/locking lever to the intermediate position. This allows maneuvering of the tissue while the instrument halves are joined.



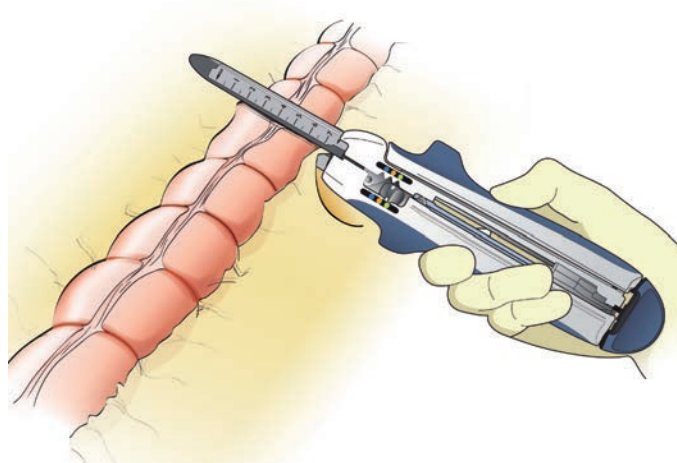
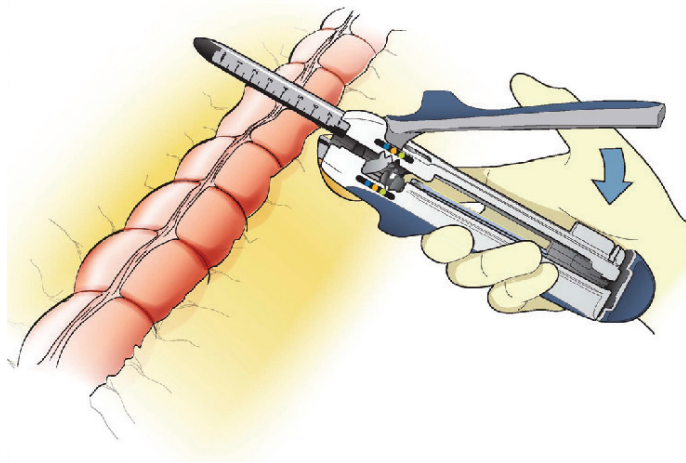
# Step 8

8. Place the instrument across the tissue for transection or into the lumen to form an anastomosis.



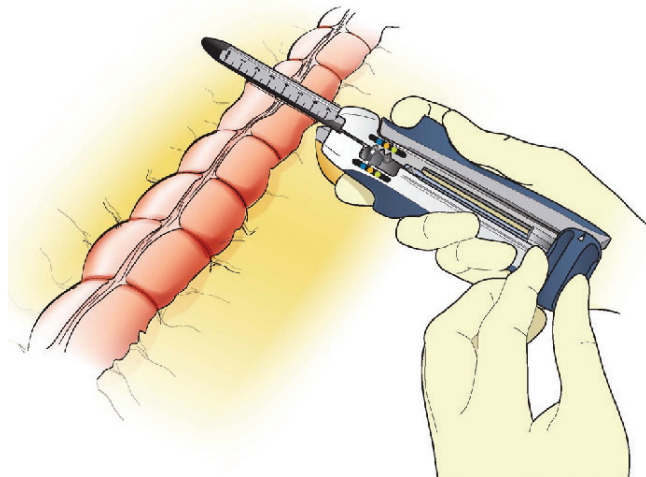
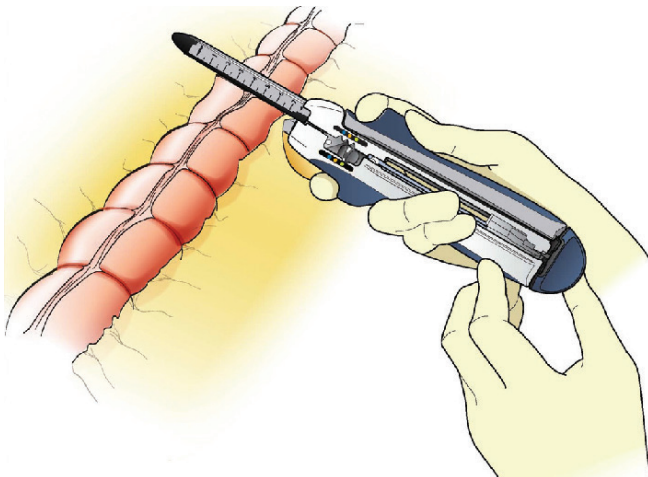
## Step 9

9. Close the alignment/locking lever completely when the tissue is properly in place.



# Step 10

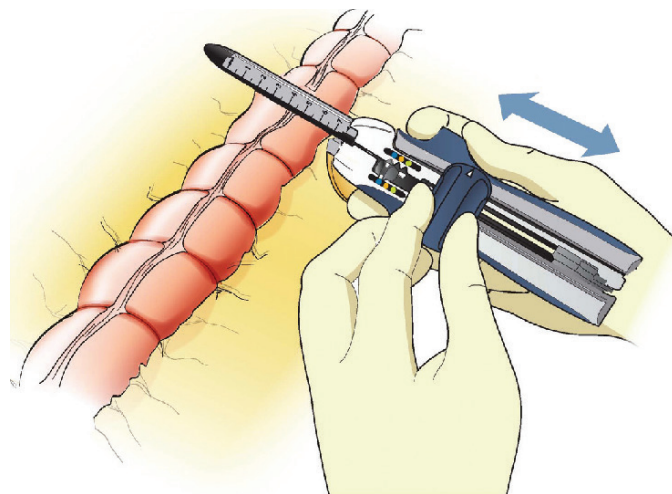
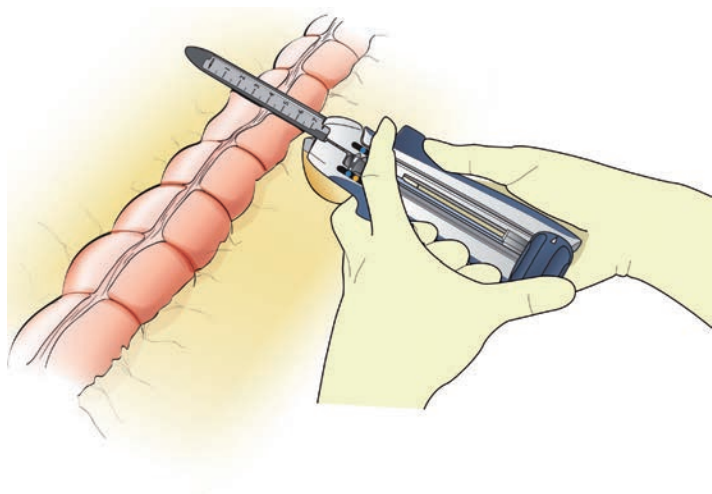
10. With the instrument closed, the firing knob is rotated to either side of instrument.



# Step 11

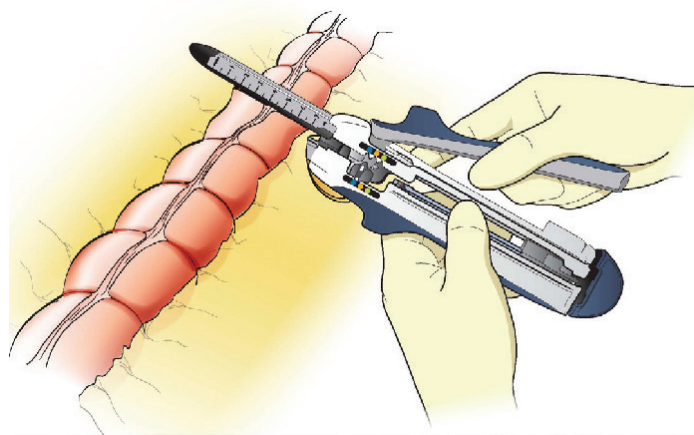
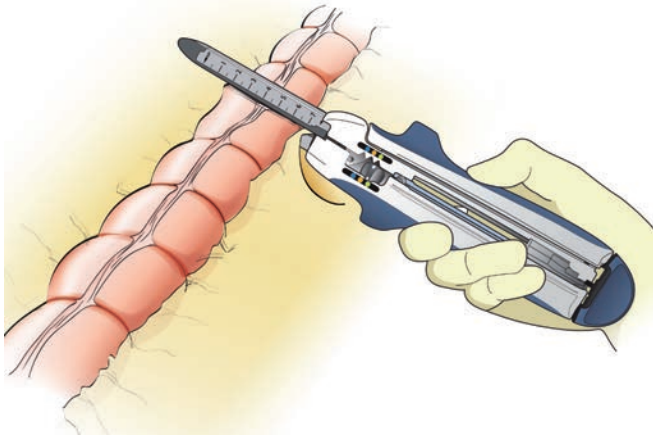
11. To fire the linear cutter, place the thumb on the firing knob and two fingers on the shoulders of the linear cutter. Fire the instrument by pushing the firing knob completely forward.

**Note:** It is possible to utilize the thumb or palm of hand to fire the instrument.



## Steps 12 & 13

12. Completely return the firing knob to the original pre-firing, "RETURN KNOB HERE" position.
13. Separate the instrument halves by opening the alignment/locking lever and remove the instrument from the patient.





# Photographic Steps to Use: Indications and Contraindications

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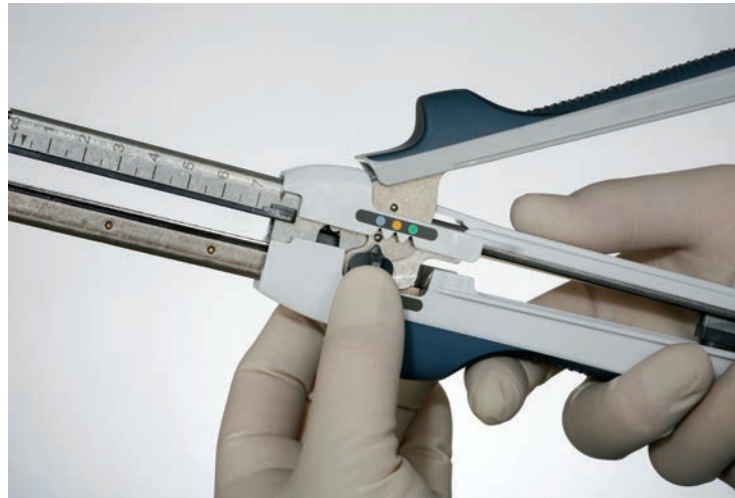
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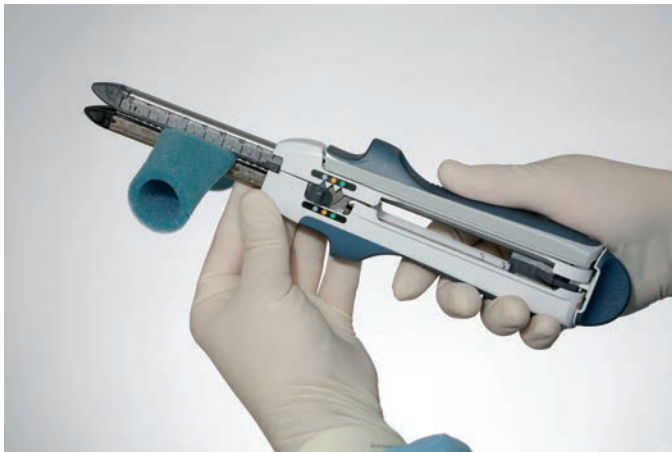
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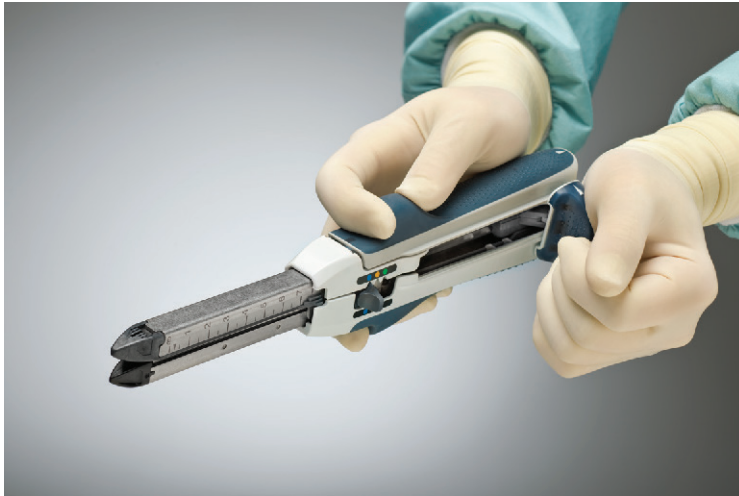
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