CONTOUR®
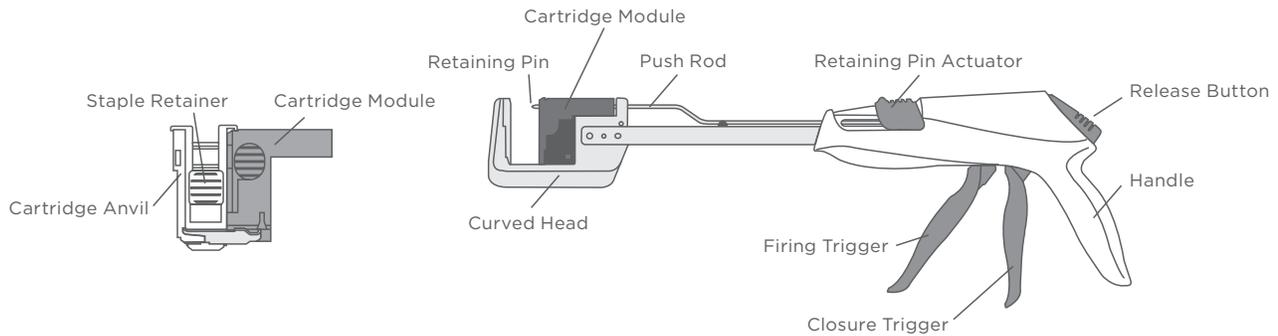# Curved Cutter Stapler
Steps-to-Use

ETHICON

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CONTOUR® Curved Cutter Stapler

Cartridge Module

Retaining Pin   Push Rod   Retaining Pin Actuator

Release Button

Staple Retainer   Cartridge Module

Handle

Cartridge Anvil

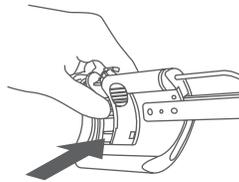Curved Head   Firing Trigger

Closure Trigger

Models available: CS40B, CS40G	Reloads available: CR40B, CR40G	Verify compatibility of all instruments and accessories prior to using the instrument (see Instructions for Use).

Steps to use

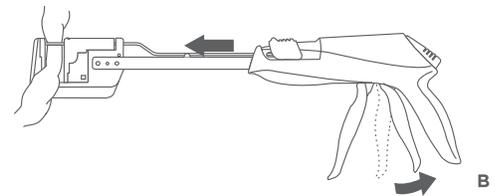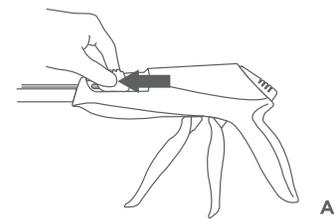|		
1. Using sterile technique, remove the instrument from the package. To avoid damage, do not flip the instrument into the sterile field.	**2.** Remove the Staple Retainer from the instrument by pushing on the pad labeled "Push to Remove." Hold the Cartridge when removing the retainer. Check that the Cartridge is fully loaded into the instrument (press down) after the Staple Retainer has been removed. Discard the Staple Retainer.	**3.** Grasp the Instrument Handle in the palm of the hand with the fingers around the Closure Trigger. Position tissue to be cut and stapled between the Anvil and the Cartridge. **NOTE:** Any tissue covering the hole in the Anvil will be pierced by the Retaining Pin. Reposition the tissue if necessary.

4. Either manually advance the Retaining Pin using the actuator button on top of the Handle to capture the tissue within the jaw opening (**A**), or automatically advance the Retaining Pin by squeezing the Closure Trigger (**B**). Note that there is an audible click halfway through the closure stroke indicating that the device is in the intermediate position. In the intermediate position, the Retaining Pin is fully seated in the Anvil capturing the tissue, and the jaws are partially open. Reposition tissue within the instrument if desired. The Closure Trigger can be released at this point, and the instrument will maintain its jaw opening to allow for final positioning of the tissue to be cut and stapled. The Retaining Pin is fully engaged.
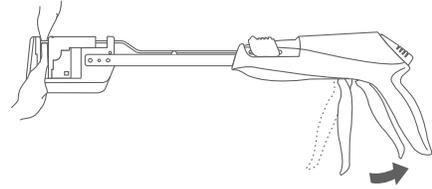
NOTE: If using the automatic advancement of the Retaining Pin, ensure that the tissue is correctly placed to avoid accidental piercing of tissue.

NOTE: Do not grasp the Firing Trigger before the instrument is to be fired.

A

B

5. Squeeze the Closure Trigger and Handle together until the Closure Trigger is latched. When the Closure Trigger is latched, the Firing Trigger moves to the ready-to-fire position. The cartridge has clamped onto the tissue, which is ready to be cut and stapled. Ensure that the closing stroke is completed. Listen for an audible click. All fingers should be completely removed from the Closure Trigger to ensure that the closing system holds.

NOTE: If the tissue needs to be repositioned within the instrument before stapling, open the jaws by squeezing the Handle and Closure Trigger together slightly, push the Release Button and slowly release grasp of the Closure Trigger. The Closure Trigger will return to the fully open position and the jaws will release the tissue, but the Retaining Pin will remain extended. Tissue can now be repositioned.

NOTE: The CONTOUR® Curved Cutter Stapler is designed with a feature that allows partial closing if a used reload, no reload or an incorrectly inserted reload is in the instrument. In these cases, the device will close approximately one-third of the stroke and stop, but will return to the full open position when the Closure Trigger is released. The used or misloaded Cartridge Module should then be replaced with a new reload or, if no Cartridge was present, a Cartridge should be loaded in the instrument. After following the above steps, any device that does not close either partially or completely should not be used.

NOTE: After closing, pausing for 15 seconds prior to firing may result in better tissue compression and better staple form.
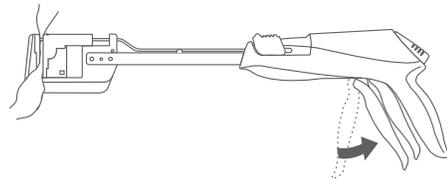
6. With the Handle and Closure Trigger grasped in the palm of the hand, place all fingers around the Firing Trigger. Before firing, check to ensure the Retaining Pin is seated in the Anvil.

NOTE: Always ensure complete closing prior to firing.

NOTE: Before firing, verify that the intended tissue is in the closed jaws of the instrument. If the Retaining Pin is not properly positioned, staples may not form properly, which may result in leakage or disruption of the staple line.

CAUTION: When positioning the stapler on the application site, ensure that no obstructions such as clips, stents, guide wires, etc., are incorporated into the instrument jaws. Firing over an obstruction may result in incomplete cutting action and/or improperly formed staples.
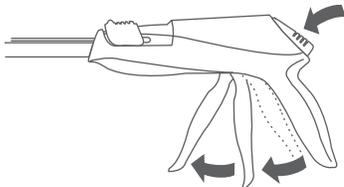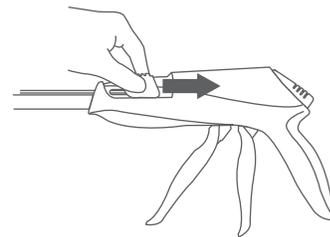
7. Completely fire the instrument by squeezing the Firing Trigger until it touches the Closure Trigger (plastic to plastic), signifying that the instrument has fired the staples and knife blade, and the tissue has been transected. The Firing Trigger automatically returns to the intermediate position as soon as the hand releases it, leaving the Closure Trigger in the fully closed position. Make sure that the Release Button is not pressed during firing as proper formation of staples may be compromised.
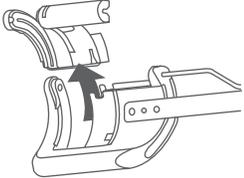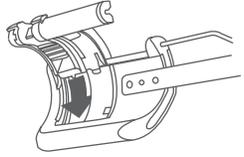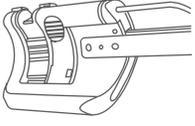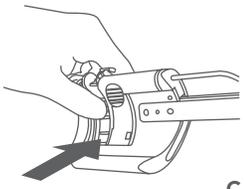
8. After firing the instrument, open the jaws of the instrument by squeezing the Closure Trigger and pushing the Release Button with the thumb. For controlled release, while holding the Release Button down, open your hand to release the Closure Trigger. The Cartridge drivers are exposed as a spent Cartridge indicator. If the instrument becomes locked onto tissue and will not open by pressing the Release Button, the device can be opened by depressing the Release Button and pulling the Closure Trigger simultaneously.

CAUTION: Examine the staple line for hemostasis and proper staple formation. If hemostasis is not present, appropriate techniques should be used to achieve hemostasis.

9. Retract the Retaining Pin manually. Ensure that the staple line and the cut line are complete. Remove the instrument.

Reloading the CONTOUR® Curved Cutter Stapler

1. Using the sterile technique, remove the reload from the package. To avoid damage, do not flip the reload into the sterile field.

2. Depress the Release Button to ensure the instrument is in the open position. Ensure that the Retaining Pin has been retracted.

3. Remove the used reload from the instrument. Grasp the top of the reload and lift upward, unsnapping the reload from the jaws. Properly discard the used reload.

CAUTION: Clean any staples and bodily fluids from the instrument by wiping the jaws or rinsing in sterile solution.

4. Examine the new reload for the presence of a Staple Retainer. If the Staple Retainer is not in place, discard the reload. Do not remove the Staple Retainer until the reload Cartridge is inserted into the device.

NOTE: The Staple Retainer cannot be removed until the Cartridge is correctly loaded into the device. The loaded device cannot be used until the Staple Retainer is removed.

A

B

C

5. Insert the new reload into the metal housing and snap into position (**A**). The tracks on each side of the reload should be used as guides to align the reload within the jaws of the instrument. When the reload is properly aligned, push the reload into the instrument until it is fully seated (**B**). Remove the Staple Retainer (**C**). Check that the reload is held firmly within the jaws.

NOTE: If the Cartridge is removed from the device, whether the Cartridge is spent or not, and if the Staple Retainer has already been removed from the Cartridge, the Cartridge cannot be reloaded into the device.

6. After reloading and after removing the Staple Retainer, observe the surface of the new reload. If drivers protrude out of the reload, replace with another reload.

7. The stapler is now reloaded and ready for use.

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