

AtriClip FLEX-Mini Device

A next-generation closed loop AtriClip LAA Exclusion Device that maintains all the benefits of the earlier generation devices with additional benefits:

- Lowest profile in the market to optimize access and placement
- In-line nitinol springs that offer continuous dynamic closing pressure
- One-handed deployment
- Clinically proven to provide both mechanical¹ and electrical isolation of the LAA²
- Tighter weave, braided polyester fabric cover with comparable stability to other AtriClip devices



*Shown without fabric cover

¹Data on file.

²Starck, C.T. et al. (2012). Epicardial left atrial appendage clip occlusion also provides the electrical isolation of the left atrial appendage. *Interactive cardiovascular and thoracic surgery*, 15(3):416-18. This human clinical study demonstrated acute electrical isolation. Chronic electrical isolation has not been evaluated in human clinical studies.

The AtriClip FLEX-Mini LAA Exclusion System consists of a single use, sterile, self-closing, implantable Clip (AtriClip Mini) preloaded on a Single Use Clip Applier along with a selection guide. When closed, the Clip applies uniform pressure over the length of the Clip to ensure consistent, reproducible, and secure exclusion of the left atrial appendage (LAA). The Clip is then deployed and is left as a permanent implant and excludes the LAA resulting in electrical isolation of the LAA. Preclinical animal studies (Kamohara 2005, 2006) demonstrate that complete exclusion with the Clip also results in acute and chronic electrical isolation of the LAA. A human clinical study (Starck 2012) has demonstrated acute electrical isolation. Chronic electrical isolation has not been evaluated in human clinical studies. The Clip is available in the following lengths to accommodate difference sizes of LAA: 35 mm, 40 mm, 45 mm, and 50 mm. The FLEX-Mini device is a disposable device with a handle, shaft, suture anchors, shaft rotation knob, and deployment end effector containing the AtriClip Mini.

U.S. Indications: The LAA Exclusion System is indicated for the exclusion of the heart's left atrial appendage, performed under direct visualization¹ and in conjunction with other cardiac surgical procedures.

¹Direct visualization, in this context, requires that the surgeon is able to see the heart directly, with or without assistance from a camera, endoscope, etc., or any other appropriate viewing technology.

LAA Exclusion System	
Size	AtriClip FLEX-Mini Device
35 mm	ACHM35
40 mm	ACHM40
45 mm	ACHM45
50 mm	ACHM50

ATRICURE, INC.
 7555 Innovation Way
 Mason, Ohio 45040 USA
 Customer Service: +1 (866) 349-2342
 CustomerService@AtriCure.com
 www.AtriCure.com

PM-US-3440A-0526-G

AtriClip® FLEX-Mini™ Device



The next-generation, closed-ended and smallest surgical LAAM device

AtriCure

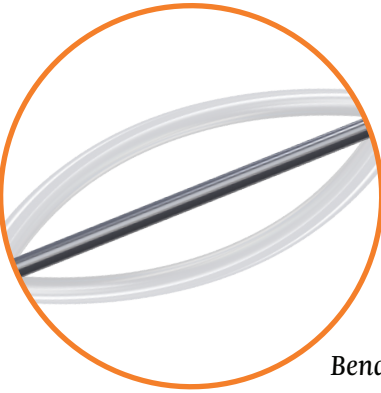
AtriCure

AtriClip FLEX-Mini Device

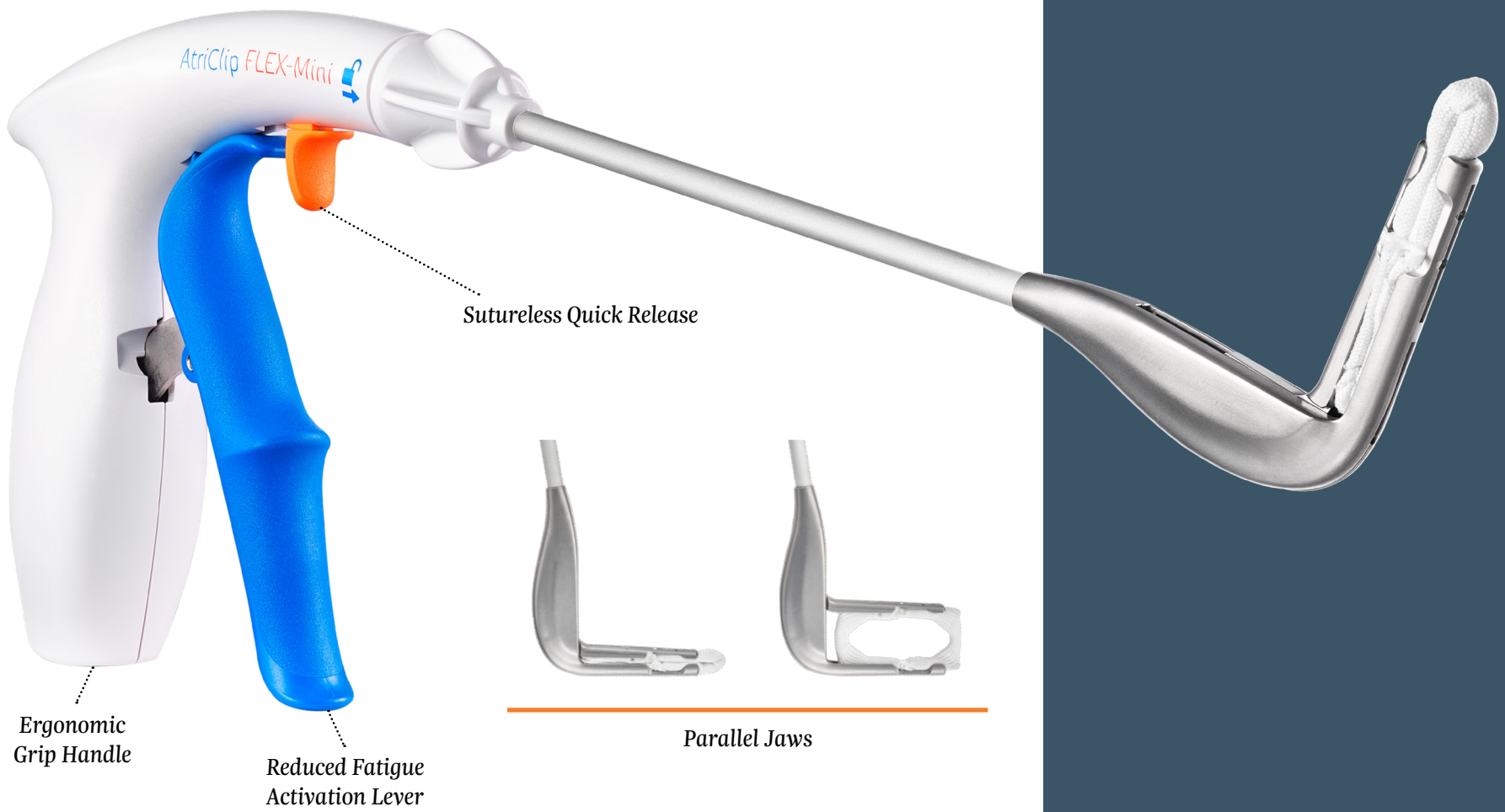
60% smaller than the next lowest profile surgical left atrial appendage management device in the market



180° of Shaft Rotation in 45° Increments



Bendable Shaft



Parallel Jaws