Advantages of Argon Beam Coagulation Technology include:

- Ease of use on more delicate structures.
- Effective on high impedance tissue such as bone.
- Reduced smoke plume for better visualization.

The CONMED ABC® systems have been shown to cut procedure time by as much as 33% and reduce blood loss by as much as 50% in “open” procedures.*
VERSATILITY
The flexibility of standard electrosurgery and the performance of Argon Beam Coagulation all in one handpiece.

CONVENIENCE
Cut, Coag or Argon Beam Coagulation at the touch of a button. All you need is one handpiece.

SAFETY
An encapsulated switch and blade retraction protects against false activation.

ARGON BEAM COAGULATION FOR THOSE DIFFICULT-TO-REACH AREAS*
The hand-switching Bend-A-Beam® Malleable ABC® handpieces are designed to deliver Argon Beam Coagulation to remote surgical sites.

Available in 3 inch, 6 inch and 9 inch versions, insulated and malleable.

*Refer to the Instructions For Use for specifics.
A surgeon can safely put this power and efficiency to work in laparoscopy. The ability to promptly control bleeding broadens the universe of potential laparoscopic procedures.

**REDUCE PROCEDURE TIMES**
- Hemostasis is achieved more quickly and efficiently as the ABC® probe blows blood and fluid from the target site allowing direct access to tissue.
- “Pooling” and other problems associated with coagulation in laparoscopy are minimized.
- Non-contact delivery enables the ABC® systems to quickly paint over large raw or bleeding surfaces.

**IMPROVES VISUALIZATION**
- Coagulation occurs in a medium of inert argon gas, virtually eliminating production of troublesome smoke.

**SAFE AND EFFECTIVE**
- Safely and effectively used in laparoscopic procedures since 1991.
- Consistent, superficial eschar minimizes tissue damage and potential for re-bleeding.

**SAFETY STEPS:**
For using ABC® Technology in laparoscopy:
- Set the gas flow to no more than 4 liters per minute.
- Continuously monitor the intra-abdominal pressure.
- Actively vent during procedures.

*Studies on file.*

For more information, refer to Directions for Use in the ABC® Handpiece.

CONMED System 7500®
ARGON BEAM COAGULATION TECHNOLOGY

SURGEON TECHNIQUE GUIDE FOR THE ABC® HANDPIECE APPLICATIONS

1. The tip of the handpiece must be within one (1) cm of the tissue surface for the ABC® Handpiece to initiate. The tip of the handpiece should not contact the tissue or be used as a probe.

If the tip glows red, the tip is too close to the tissue surface.

2. Hold the handpiece at a 45°-60° angle to the tissue. This allows the gas stream to blow blood and debris away from the target site.

Avoid using the handpiece perpendicular to the tissue as blood will be blown into the vessel reducing effectiveness.

3. With the handpiece at an angle, allow gravity and the argon gas to direct the flow of blood downhill. Push the handpiece forward using a side to side sweeping motion.

Avoid dragging the handpiece backwards as this will negate the gas flow effect and result in ineffective hemostasis.

4. Use the handpiece in a slow, deliberate manner at the maximum recommended power settings. As if spray painting, attempt to coagulate target site with one pass. The beam may be held on larger vessels for a longer period of time.

Avoid moving the handpiece in a rapid jerky manner for quick “spot” hits. This will result in ineffective hemostasis.

Avoid passing the beam over staples or other metal structures at the target site as they will conduct. Also, avoid placing the tip of suction devices to the beam as it will alter the direction of the gas flow.

For Triple Option Handpiece:

5. Lever on the side extends and retracts the electrode. Never attempt to initiate the beam before retracting the electrode.

PRODUCT DESCRIPTIONS

Catalog No. Description

**Handcontrol - Disposable**

130321  Triple Option Handcontrol Handpiece with 10’ (3.05m) cord.

130322  Single Function Handcontrol Handpiece with 10’ (3.05m) cord.

134009  9” (22.8cm) Bend-a-Beam® Single Function Malleable ABC® Handcontrol Handpiece with 10’ (3.05m) cord.

134006  6” (15.2cm) Bend-a-Beam® Single Function Malleable ABC® Handcontrol Handpiece with 10’ (3.05m) cord.

134003  3” (7.6cm) Bend-a-Beam® Single Function Malleable ABC® Handcontrol Handpiece with 10’ (3.05m) cord.

**Footcontrol - Disposable**

130315  Angled (45°) ABC® Footcontrol Handpiece with 10’ (3.05m) cord. Allows use of Monopolar ABC® coagulation only

**Footcontrol - Reusable**

130500  Reusable ABC® Footcontrol Handpiece with 10’ (3.05m) cord. When used with Single use ABC® Nozzle (138030) provides Monopolar ABC® coagulation.

138030  Single Use ABC® Nozzle for use with Reusable ABC® Handpiece (130500) only

130401  ABC® Handpiece sterilization case; Reusable

**Catalog No. Description**

**Footcontrol Laparoscopic Probes - Disposable**

160651  Laparoscopic 10mm ABC® Probe with 10’ (3.05m) cord. 28cm working length. Footcontrol, Monopolar ABC® coagulation only

160655  Laparoscopic 5mm ABC® Probe with 10’ (3.05m) cord. 28cm working length. Footcontrol, Monopolar ABC® coagulation only

**Handcontrol Laparoscopic Probes - Disposable**

160656  Laparoscopic 5mm ABC® Probe with 10’ (3.05m) cord. 28cm working length. Handcontrol, Monopolar ABC® coagulation only

160636  Laparoscopic 5mm ABC® Probe with 10’ (3.05m) cord. 36cm working length. Handcontrol, Monopolar ABC® coagulation only

160644  Laparoscopic 5mm ABC® Probe with 10’ (3.05m) cord. 44cm working length. Handcontrol, Monopolar ABC® coagulation only

**PRODUCT DESCRIPTIONS**

ARGHOSCOPY • ELECTROSURGERY • ENDSURGERY • IMAGING • INTEGRATED SYSTEMS • PATIENT CARE • POWERED INSTRUMENTS

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Please contact your local CONMED Representative for information on our full line of Argon Beam Coagulation delivery devices and an accredited ABC® Technology Safety Presentation.

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