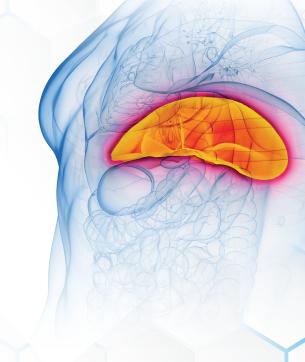


# **Argon Beam Coagulation** in Liver Surgery

As a liver specialist, you deserve hemostasis technology designed specifically for you. For over 30 years, Argon Beam Coagulation (ABC®) has been shown to provide rapid, effective hemostasis and be a beneficial tool in the management of hemorrhage in the liver.¹‡ ABC® delivers decreased thermal damage to tissue<sup>7\*</sup> by creating a more homogeneous eschar<sup>6</sup>, producing a low depth of coagulation<sup>5-7</sup>, and keeping tissue temperatures below 125°C.<sup>5†</sup>



## **Improving Patient Outcomes,**

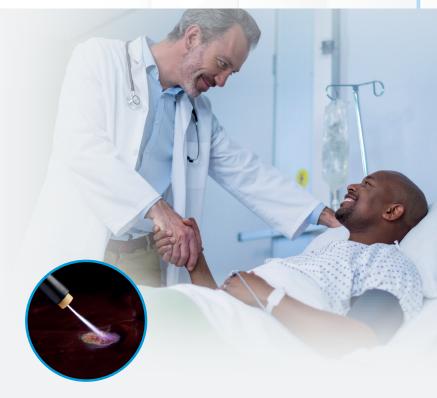
ABC® has been shown to:

- Reduce chances of re-bleeding<sup>1,4\*</sup>
- Reduce postop complications<sup>2\*</sup>
- Reduce average length of postop stay<sup>6</sup>
- Reduce chances of postop pleural effusion, p=0.01<sup>2</sup>
- Reduce risk of cyst recurrence and symptoms<sup>3\*</sup>

## **Benefiting Surgical Technique**,

ABC® has been shown to:

- Reduced need for additional hemostatic agents<sup>1,4</sup>
- Enable reduced-size liver grafts in pediatrics<sup>6</sup>
- Reduce procedural time<sup>4\*</sup>
- Avoid the creation of floating eschar<sup>6</sup>
- Provide effective or superior hemostasis for 88.8% of minor to severe traumatic liver injuries<sup>1‡</sup>



## Integrating ABC® Technology into Your Practice

Primary Applicable Procedures	ABC® Application	Recommended ABC® Power Settings
<ul> <li>Hepatectomy</li> <li>Liver Lobectomy</li> <li>Liver Transplant</li> <li>Radiofrequency Ablation (RFA)</li> <li>Cytoreduction</li> <li>Liver Cyst Fenestration</li> </ul>	Hemostasis of hepatic ligaments and cut surfaces	120W-150W <sup>8</sup>
	Hemostasis of adjacent soft tissues such as retroperitoneum, gallbladder, and bowel	40W-60W <sup>2</sup>



This is all made possible by the HelixAR™ ABC® System, the latest advanced energy generator for CONMED's proprietary energy algorithm: ABC® Technology.

## READY TO TRANSFORM YOUR PRACTICE AND THE LIVES OF YOUR PATIENTS?

Contact your local CONMED rep to schedule a trial of the  $HelixAR^{TM}$   $ABC^{®}$  System.



### **ORDERING & PRODUCT INFORMATION**

DESCRIPTION	CATALOG NUMBER
Helix AR™ ABC® System	
Helix AR™ System, ABC® Generator and Cart	60-8800-SET
Helix AR™ System, ABC® Generator and Cart, with Monopolar and Bipolar Footswitch	60-8800-SYS
Open ABC® Handpieces	
3" (7.6cm) Bend-A-Beam® Handpiece with 10' (3.05m) Cord. Single Use, Sterile 10/case	134003
6" (15.2cm) Bend-A-Beam® Handpiece with 10' (3.05m) Cord. Single Use, Sterile 10/case	134006
9" (22.8cm) Bend-A-Beam® Handpiece with 10' (3.05m) Cord. Single Use, Sterile 10/case	134009
Triple Option ABC® Handpiece with 10' (3.05m) Cord. Single Use, Sterile 10/case	130321
Single Function ABC® Handpiece with 10' (3.05m) Cord. Single Use, Sterile 10/case.	130344
45° Angled Foot Control Handpiece with 10′ (3.05m) Cord. Single Use, Sterile 10/case	130345
Laparoscopic ABC <sup>®</sup> Probes	
28cm x 5mm Hand Control ABC® Probe with 10' (3.05m) Cord Single Use, Sterile 10/case	160656
36cm x 5mm Hand Control ABC® Probe with 10' (3.05m) Cord. Single Use, Sterile 10/case	160636
44cm x 5mm Hand Control ABC® Probe with 10' (3.05m) Cord. Single Use, Sterile 10/case	160644
28cm x 5mm Foot Control ABC® Probe with 10' (3.05m) Cord Single Use, Sterile 10/case	130342
28cm x 10mm Foot Control ABC® Probe with 10' (3.05m) Cord Single Use, Sterile 10/case	160655

<sup>\*</sup> When compared to conventional electrosurgery ‡ Based on the opinion of attending surgical staff † This is compared to conventional electrosurgery's potential to heat tissue up to 270°C.

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- 6. Stylianos S, Hoffman MA, Rohrer MJ. (1991). Reduction hepatectomy for transplantation with argon beam coagulation. Surgical Rounds.
- 7. Based on CONMED internal ex-vivo protocol: "ABC vs Spray Coag Thermal and Tissue Effect Comparison Engineering Memo #801-21958."
- 8. HelixAR™ ABC® System Operator's Manual P000031162

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