

# Surgitech

THE SCIENCE OF SPECIALISATION. THE ART OF CARING.

## Cardio-Thoracic Surgery

Innovative solutions for a range of specialised  
cardio-thoracic surgical procedures.

### REPEL-CV<sup>®</sup> Bioresorbable Adhesion Barrier

### The Benefits are Clear

SyntheMed, Inc.

Sternal re-entry and dissection of post-operative adhesions expose the patient to critical risks and significantly higher complication rates.<sup>1</sup> In a randomized, controlled, clinical trial conducted at 15 pediatric cardiothoracic surgery centers, REPEL-CV<sup>®</sup> Bioresorbable Adhesion Barrier significantly reduced the severity of adhesions. This may result in a reduction in the intra-operative risks and complications at the time of the secondary procedure, thereby improving the quality of patient care.

Clinical trial results showed that **70.4% of pediatric patients treated with REPEL-CV Adhesion Barrier were free of clinically significant adhesions at the point of secondary surgery**, compared with 28.6% of control patients.<sup>2</sup>

#### REPEL-CV Bioresorbable Adhesion Barrier

- Easy to use, requiring minimal change in surgical procedure
  - Transparent, providing full view of the surgical site
- Biocompatible, utilizing well-established polymer materials

<sup>1</sup> Follis FM, Pett SB Jr., Miller KB, et al. Catastrophic hemorrhage on sternal reentry: still a dreaded complication? *Ann Thorac Surg.* 1999; 68(6): 2215-9.

<sup>2</sup> Lodge AJ, Wells WJ, Backer CL, et al. A Novel Bioresorbable Film Reduces Postoperative Adhesions after infant Cardiac Surgery. *Ann Thorac Surg.* 2008; 86(2):614-621. ©2009, SyntheMed, Inc. All rights reserved.