

SyntheMed, Inc.

REPEL-CV™ ADHESION BARRIER RECEIVES ENDORSEMENT OF KIDS WITH HEART

ISELIN, NJ (August 7, 2009) – SyntheMed, Inc. (OTCBB: SYMD), a biomaterials company engaged in the development and commercialization of anti-adhesion products, announced today that REPEL-CV Bioresorbable Adhesion Barrier has received the endorsement of Kids With Heart National Association for Children’s Heart Disorders, Inc. Michelle L. Rintamaki, Director of Kids With Heart, stated, “We want to inform parents of children with congenital heart defects about this new surgical device that reduces the risks associated with adhesions during repeat open-heart surgical procedures.”

About Adhesions

Adhesions, or scar tissue, occur after virtually all open-heart surgical procedures, often resulting in the heart becoming attached to the sternum and other surrounding tissue surfaces. The presence of adhesions represents a prevalent and serious complication in secondary surgical procedures, increasing the patient risk, length and cost of the surgical procedure.

About REPEL-CV

REPEL-CV is a bioresorbable adhesion barrier film designed to be placed over the surface of the heart at the conclusion of an open-heart surgical procedure to reduce the extent and severity of adhesions. It was recently approved by the US Food and Drug Administration for use in pediatric patients who undergo staged open-heart surgical procedures.

About Kids With Heart NACHD, Inc.

The organization was formed in 1985 with the main mission of providing support, information, and education to the families of children living with congenital heart defects and to promote public awareness of the issues that these families live with on a day to day basis. It is a 501(c)3 organization entirely supported by volunteers.

About SyntheMed, Inc.

SyntheMed, Inc. is a biomaterials company engaged in the development and commercialization of anti-adhesion products. The company is primarily focused on the commercialization of REPEL-CV™ Bioresorbable Adhesion Barrier and the advancement and expansion of product development programs based on its proprietary bioresorbable polymer technologies.

Statements in this press release that are not statements of historical fact, constitute “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. Reference is made to the company’s Annual Report on Form 10-KSB for the year ended December 31, 2008, for a description of these, as well as other, risks and uncertainties.

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