



CryoLife Board of Directors Authorizes Purchase of its Common Stock

June 1, 2010

ATLANTA, June 1, 2010 /PRNewswire via COMTEX/ -- CryoLife, Inc. (NYSE: CRY), an implantable biological medical device and cardiovascular tissue processing company, announced today that its Board of Directors has authorized the purchase of up to \$15 million of its common stock over the course of the next two years, beginning no earlier than June 2, 2010. The purchase of shares will be made from time to time in the open market or through privately negotiated transactions on such terms as management deems appropriate, and will be dependant upon various factors, including price, regulatory requirements and other market conditions.

Steven G. Anderson, president and chief executive officer, noted, "CryoLife's Board of Directors believes that the stock repurchase program represents an appropriate and strategic use of the company's cash, while allowing sufficient flexibility to pursue our other corporate objectives, including business development and acquisition opportunities."

About CryoLife, Inc.

Founded in 1984, CryoLife, Inc. is a leader in the processing and distribution of implantable living human tissues for use in cardiac and vascular surgeries throughout the U.S. and Canada. The Company's CryoValve(R) SG pulmonary heart valve, processed using CryoLife's proprietary SynerGraft(R) technology, has FDA 510(k) clearance for the replacement of diseased, damaged, malformed, or malfunctioning native or prosthetic pulmonary valves. The Company's CryoPatch(R) SG pulmonary cardiac patch has FDA 510(k) clearance for the repair or reconstruction of the right ventricular outflow tract (RVOT), which is a surgery commonly performed in children with congenital heart defects, such as Tetralogy of Fallot, Truncus Arteriosus, and Pulmonary Atresia. CryoPatch SG is distributed in three anatomic configurations: pulmonary hemi-artery, pulmonary trunk, and pulmonary branch. The Company's BioGlue(R) Surgical Adhesive is FDA approved as an adjunct to sutures and staples for use in adult patients in open surgical repair of large vessels. BioGlue is also CE marked in the European Community and approved in Canada and Australia for use in soft tissue repair. The Company's BioFoam(TM) Surgical Matrix is CE marked in the European Community for use as an adjunct in the sealing of abdominal parenchymal tissues (liver and spleen) when cessation of bleeding by ligature or other conventional methods is ineffective or impractical. BIOGLUE *Aesthetic(R)* Medical Adhesive is CE marked in the European Community for periosteal fixation following endoscopic browplasty (brow lift) in reconstructive plastic surgery and is distributed by a third party for this indication. CryoLife currently distributes HemoStase(R), a hemostatic agent, in much of the U.S. for use in cardiac and vascular surgery and in many international markets for cardiac, vascular, and general surgery, subject to certain exclusions.

For additional information about the company, visit CryoLife's Web site: www.cryolife.com.

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