CRYOLIFE INC Form DEF 14A April 06, 2012

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the

Securities Exchange Act of 1934

(Amendment No.)

Filed by the Registrant x Filed by a Party other than the Registrant "

Check the appropriate box:

- " Preliminary Proxy Statement
- " Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- x Definitive Proxy Statement
- " Definitive Additional Materials
- " Soliciting Material Pursuant to §240.14a-12

CRYOLIFE, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

x No fee required.

- " Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
 - (1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

" Fee paid previously with preliminary materials.

" Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

1655 ROBERTS BOULEVARD, NW

KENNESAW, GEORGIA 30144

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

TO THE STOCKHOLDERS OF CRYOLIFE, INC.:

NOTICE IS HEREBY GIVEN that the Annual Meeting of Stockholders of CRYOLIFE, INC. (the Annual Meeting) will be held at CryoLife, Inc. s Corporate Headquarters, 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144, on May 16, 2012 at 10:00 a.m., Atlanta time, for the following purposes:

- 1. To elect as Directors the eight nominees named in the attached proxy statement to serve until the next Annual Meeting of Stockholders or until their successors are elected and have been qualified.
- 2. To approve, by non-binding vote, the compensation paid to CryoLife s named executive officers, as disclosed pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, compensation tables and narrative discussion.
- 3. To approve the Amended and Restated CryoLife, Inc. 2009 Stock Incentive Plan.
- 4. To ratify the selection of Deloitte & Touche LLP as the independent registered public accounting firm for the company for the fiscal year ending December 31, 2012.

5. To transact such other business as may be properly brought before the meeting or any adjournments thereof. Only record holders of CryoLife s common stock at the close of business on March 19, 2012 will be eligible to vote at the meeting. Your attendance at the Annual Meeting is very much desired. However, if there is any chance you may not be able to attend the meeting, please execute, complete, date, and return the enclosed proxy card in the envelope provided or vote by telephone or internet as directed on the enclosed proxy card. If you attend the meeting, you may revoke your proxy and vote in person.

Important Notice Regarding the Availability of Proxy Materials for the Shareholder Meeting to be held on May 16, 2012. Pursuant to rules promulgated by the Securities and Exchange Commission, we have elected to provide access to our proxy materials both by: (i) sending you this full set of proxy materials, including a proxy card; and (ii) notifying you of the availability of our proxy materials on the internet. This proxy statement, the related proxy card and our 2011 Annual Report to Stockholders are available on our corporate website and may be accessed at <u>www.cryolife.com</u> by clicking on About CryoLife, then Investor Relations and then Annual Meeting Materials. In accordance with such rules, we do not use cookies or other software that identifies visitors accessing these materials on our website.

By Order of the Board of Directors:

STEVEN G. ANDERSON, Chairman of the Board, President,

Date: April 6, 2012

and Chief Executive Officer

A copy of CryoLife s 2011 Annual Report to Stockholders, which includes CryoLife s Annual Report on Form 10-K for the fiscal year ended December 31, 2011, containing financial statements, is enclosed.

1655 ROBERTS BOULEVARD, NW

KENNESAW, GEORGIA 30144

PROXY STATEMENT

FOR ANNUAL MEETING OF STOCKHOLDERS

This proxy statement is furnished for the solicitation of proxies by the Board of Directors of CryoLife, Inc. (CryoLife, the company, we, or us) for CryoLife s Annual Meeting of Stockholders to be held on May 16, 2012, at 10:00 a.m., Atlanta time. The meeting will be held in the auditorium at CryoLife Corporate Headquarters, 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144. The sending in of a signed proxy will not affect a stockholder s right to attend the meeting and vote in person. A signed proxy may be revoked by the sending in of a timely, but later dated, signed proxy. Any stockholder sending in or completing a proxy may also revoke it at any time before it is exercised by giving timely notice to Suzanne K. Gabbert, Corporate Secretary, CryoLife, Inc., 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144, (770) 419-3355.

Holders of record of CryoLife s common stock at the close of business on March 19, 2012 will be eligible to vote at the meeting. CryoLife s stock transfer books will not be closed. At the close of business on March 19, 2012, CryoLife had outstanding a total of 27,775,958 shares of common stock, excluding a total of 2,326,134 shares of treasury stock held by CryoLife, which are not entitled to vote. Each outstanding share of common stock will be entitled to one vote, non-cumulative, at the meeting.

Other than the matters set forth herein, management is not aware of any other matters that may come before the meeting. If any other business should be properly brought before the meeting, the persons named on the enclosed proxy card will have discretionary authority to vote the shares represented by the effective proxies and intend to vote them in accordance with their best judgment.

This proxy statement and the attached proxy card were first mailed to stockholders on behalf of CryoLife on or about April 6, 2012. Properly executed proxies, timely returned, will be voted as indicated by the stockholder where the person solicited specifies a choice with respect to any matter to be acted upon at the meeting. If the person solicited does not specify a choice with respect to election of Directors, approval of the company s independent registered public accounting firm, the shares will be voted for management s nominees for election as Directors, for approval of the company s independent registered public accounting firm. In addition to the solicitation of proxies by the use of the mails, Directors and officers of CryoLife may solicit proxies on behalf of management by telephone, email, and personal interview. Such persons will receive no additional compensation for their solicitation activities, and will be reimbursed only for their actual expenses incurred. Also, CryoLife has retained Georgeson Inc. for certain proxy solicitation services, including communication with institutional shareholders and proxy advisors and direct telephone solicitation of registered and beneficial shareholders. CryoLife has agreed to pay Georgeson \$10,500 plus fees per completed phone call for all of Georgeson s services during 2012, some of which are not directly related to proxy solicitation. CryoLife has requested brokers and nominees for their related out-of-pocket expenses. The costs of soliciting proxies will be borne by CryoLife.

VOTING PROCEDURES AND VOTE REQUIRED

The Corporate Secretary of CryoLife, in consultation with the inspector of election, who will be an employee of CryoLife s transfer agent, shall determine the eligibility of persons present at the Annual Meeting to vote and whether the name signed on each proxy card corresponds to the name of a stockholder of CryoLife. The Corporate Secretary, based on such consultation, shall also determine whether or not a quorum of the shares of common stock of CryoLife, consisting of a majority of the shares entitled to vote at the Annual Meeting, exists at the Annual Meeting. Abstentions from voting will be counted for the purpose of determining the

presence or absence of a quorum for the transaction of business. A broker non-vote occurs when a broker holding shares for a beneficial owner does not vote on a particular proposal because the broker does not have discretionary voting authority and has not received voting instructions from the beneficial owner. Broker non-votes will be disregarded with respect to all proposals.

Nominees for election as Directors will be elected by a plurality of the votes cast by the holders of shares entitled to vote in the election. Since there are eight Directorships to be filled, this means that the eight individuals receiving the most votes will be elected. Abstentions and broker non-votes will therefore not be relevant to the outcome.

The advisory votes cast for the approval of the compensation paid to CryoLife s named executive officers, as disclosed pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, compensation tables and narrative discussion, must exceed the votes cast against the approval of such compensation in order for it to be approved. Accordingly, abstentions and broker non-votes will not be relevant to the outcome.

The affirmative vote of a majority of the votes cast, either for, against or abstain, by the holders of the shares of common stock voting in person or by proxy at the meeting is required to approve the Amended and Restated 2009 Stock Incentive Plan, in order to comply with the requirements of both Florida law and the New York Stock Exchange (NYSE) rules. Accordingly, abstentions will have the effect of a vote against the proposal to approve the Amended and Restated 2009 Stock Incentive Plan and broker non-votes will be disregarded. In addition, NYSE rules also require that at least 50% of the shares outstanding as of the record date actually cast a vote (either for, against or abstain) with respect to the proposal to approve the Amended and Restated 2009 Stock Incentive Plan. Broker non-votes will not be counted as votes cast for purposes of the NYSE 50% vote requirement.

The votes cast for the ratification of the appointment of Deloitte & Touche LLP as the company s independent registered accounting firm must exceed the votes cast against the ratification in order for it to be approved. Accordingly, abstentions and broker non-votes will not be relevant to the outcome.

Shares represented at the annual meeting in person or by proxy are counted for quorum purposes, even if they are not voted on one or more matters. Please note that brokers holding shares for a beneficial owner that have not received voting instructions with respect to the ratification of the appointment of Deloitte & Touche LLP will have discretionary voting authority with respect to this matter; however, such brokers who do not receive voting instructions with respect to the election of Directors, the approval of the compensation paid to CryoLife s named executive officers and the approval of the Amended and Restated 2009 Stock Incentive Plan may not vote the beneficial owner s shares with respect to these matters.

There are no rights of appraisal or similar dissenters rights with respect to any matter to be acted upon pursuant to this proxy statement.

ANNUAL MEETING ADMISSION

Attendance at the Annual Meeting will be limited to stockholders as of the record date, their authorized proxy holders, and guests of CryoLife. Admission will be by ticket only. If you are a registered stockholder (your shares are held of record in your name) and plan to attend the meeting, please detach your Admission Ticket from the top portion of the proxy card and bring it with you to the meeting. If you are a beneficial owner (your shares are held in the name of a bank, broker, or other holder of record) and you plan to attend the meeting, you can obtain an Admission Ticket in advance by writing to Suzanne K. Gabbert, Corporate Secretary, CryoLife, Inc., 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144. Please be sure to enclose proof of ownership, such as a bank or brokerage account statement. Stockholders and proxy holders who do not obtain tickets in advance may obtain them upon verification of ownership or proxy authority at the reception desk on the day of the meeting. Tickets may be issued to others at the discretion of CryoLife. If you are a beneficial owner, in order to vote your shares at the meeting you must obtain a proxy from the record holder of your shares.

RECOMMENDATIONS OF THE BOARD OF DIRECTORS

The Board of Directors of CryoLife recommends a vote FOR the election of each nominee for Director named below, FOR approval of the compensation paid to CryoLife s named executive officers, FOR approval of the Amended and Restated 2009 Stock Incentive Plan, and FOR ratification of the independent registered public accounting firm.

ELECTION OF DIRECTORS

Directors of CryoLife elected at the Annual Meeting to be held on May 16, 2012 will hold office until the next Annual Meeting or until their successors are elected and qualified.

Each of the nominees other than Mr. Salveson is currently a Director of CryoLife. Each of the eight nominees has consented to serve on the Board of Directors, if elected. Should any nominee for the office of Director become unable to accept nomination or election, it is the intention of the persons named on the proxy card, unless otherwise specifically instructed in the proxy, to vote for the election of such other person as the Board may recommend.

The following table sets forth the name and age of each nominee, the period during which each such person who is a current Director has served as a Director, the number of shares of CryoLife s common stock beneficially owned, either directly or indirectly, by such person, and the percentage of outstanding shares of CryoLife s common stock such ownership represented at the close of business on March 19, 2012, according to information received by CryoLife:

	Service as		Shares of CryoLife Stock	Percentage of Outstanding Shares
Name of Nominee	Director	Age	Beneficially Owned(1)	of CryoLife Stock
Steven G. Anderson	Since 1984	73	1,866,710(2)	6.6%
Thomas F. Ackerman (6)	Since 2003	57	45,000(3)	*
James S. Benson (7)	Since 2005	73	50,000(3)	*
Daniel J. Bevevino (8)	Since 2003	52	45,000(3)	*
Ronald C. Elkins, M.D. (9)	Since 1994	75	78,250(3)	*
Ronald D. McCall, Esq. (10)	Since 1984	75	159,162(4)	*
Harvey Morgan (11)	Since 2008	70	36,250(5)	*
Jon W. Salveson (12)	Director Nominee	47		*

* Ownership represents less than 1% of the outstanding shares of CryoLife common stock.

(1) Except as otherwise noted, the nature of the beneficial ownership for all shares is sole voting and investment power.

(2) This amount includes:

107,924 shares held by Ms. Ann B. Anderson, Mr. Anderson s spouse, 364,085 shares subject to options that are either presently exercisable or will become exercisable within 60 days after March 19, 2012, and 162,001 shares of unvested restricted stock as of March 19, 2012.

(3) This amount includes 10,000 shares of unvested restricted stock as of March 19, 2012.

(4) This amount includes:

16,000 shares of common stock owned of record by Ms. Marilyn B. McCall, Mr. McCall s spouse, and 12,750 shares of unvested restricted stock as of March 19, 2012.

(5) This amount includes:

13,000 shares held by Ms. Suzanne B. Morgan, Mr. Morgan s spouse, and

10,000 shares of unvested restricted stock as of March 19, 2012.

(6) Mr. Ackerman is a member of the Audit Committee.

- (7) Mr. Benson is a member of the Nominating and Corporate Governance Committee and the Regulatory Affairs and Quality Assurance Policy Committee.
- (8) Mr. Bevevino is a member of the Audit Committee and the Compensation Committee.
- (9) Dr. Elkins is a member of the Compensation Committee and the Regulatory Affairs and Quality Assurance Policy Committee.
- (10) Mr. McCall is the Presiding Director of the Board and a member of the Compensation Committee, the Nominating and Corporate Governance Committee and the Regulatory Affairs and Quality Assurance Policy Committee.
- (11) Mr. Morgan is a member of the Audit Committee and the Nominating and Corporate Governance Committee.

(12) It is currently anticipated that Mr. Salveson will serve on the Regulatory Affairs and Quality Assurance Policy Committee. **Steven G. Anderson**, a founder of CryoLife, has served as CryoLife s President, Chief Executive Officer, and Chairman of the Board of Directors since its inception. Mr. Anderson has more than 40 years of experience in the implantable medical device industry. Prior to founding CryoLife, Mr. Anderson was Senior Executive Vice President and Vice President, Marketing, from 1976 until 1983 of Intermedics, Inc. (now Boston Scientific Corp.), a manufacturer and distributor of pacemakers and other medical devices. Mr. Anderson is a graduate of the University of Minnesota.

The Board has determined that Mr. Anderson, a founder of the company, should serve as Director of CryoLife because of his business acumen and vast experience in the life sciences industry and personal knowledge of the company and its history. Further, we believe that it is appropriate and useful to have the Chief Executive Officer of CryoLife serve as a member of the Board.

Thomas F. Ackerman has served as a Director of CryoLife since December 2003. Mr. Ackerman is Executive Vice President and Chief Financial Officer of Charles River Laboratories International, Inc. (NYSE: CRL), a position he has held since 2005. Charles River Laboratories is a leading global provider of solutions that accelerate the drug discovery and development process, including research models and associated services, and outsourced preclinical services. From 1999 to 2005, he served as Senior Vice President and Chief Financial Officer, and from 1996 to 1999, he served as Vice President and Chief Financial Officer of Charles River Laboratories, where he has been employed since 1988. Mr. Ackerman is a Director of the University of Massachusetts Amherst Foundation. Mr. Ackerman received a B.S. in Accounting from the University of Massachusetts and became a certified public accountant in 1979 (his license is currently inactive).

The Board has determined that Mr. Ackerman should serve as a Director of CryoLife because of his expertise in accounting and financial reporting, particularly in the biotechnology industry.

James S. Benson has served as a Director of CryoLife since December 2005. Mr. Benson retired from the Advanced Medical Device Association (AdvaMed, formerly known as The Health Industry Manufacturers Association, HIMA) in July 2002 as Executive Vice President for Technical and Regulatory Affairs. He was employed by AdvaMed from January 1993 through June 2002. Prior to that, he was employed by the Food and Drug Administration (FDA) for 20 years, where he held a number of senior positions. He retired from the FDA as Director of the Center for Devices and Radiological Health (CDRH) in December of 1992. Prior to his position as Center Director, he served as Deputy Commissioner from July 1988 through July 1991. During that period, he served as Acting Commissioner for one year, from December 1989 through November 1990. Prior to his position as Deputy Commissioner, he served as Deputy Director of the Center for Devices and Radiological Health from 1978 to 1982. Mr. Benson currently serves on the Board of Directors for two other companies: CytoMedix, Inc., a publicly traded company (OTCBB: CYME), where he is the Presiding Director, and Medical Device Consultants, Inc., a private company. In 2003, Mr. Benson was engaged by the law firm representing a Special Litigation Committee of the Board of Directors of the company to serve as an expert witness in connection with the Special Litigation Committee s independent investigation into allegations made by the plaintiffs in the stockholder derivative lawsuit filed against the company is Directors, which was settled in 2005. Mr. Benson also was engaged to serve as an expert witness by a different law firm representing the company in the securities class action stockholder lawsuit filed against the company, which was also settled in 2005. Mr. Benson received a B.S. in Civil Engineering from the University of Maryland in 1962 and an M.S. in Nuclear Engineering from the Georgia Institute of Technology in 1969.

The Board has determined that Mr. Benson should serve as a Director of CryoLife because of his past business experience in the biotechnology industry and his distinguished tenure with the FDA, as well as the particular knowledge and expertise he acquired in these positions with respect to regulatory issues in the healthcare field.

Daniel J. Bevevino has served as a Director of CryoLife since December 2003. From 1996 until March of 2008, Mr. Bevevino served as the Vice President and Chief Financial Officer of Respironics, Inc. (Nasdaq: RESP), a company that develops, manufactures, and markets medical devices used primarily for the treatment of patients suffering from sleep and respiratory disorders, where he was employed since 1988. In March 2008, Respironics was acquired by Royal Philips Electronics (NYSE: PHG), whose businesses include a variety of medical solutions including medical diagnostic imaging and patient monitoring systems, as well as businesses focused on energy efficient lighting and consumer products. From March 2008 to December 31, 2009, Mr. Bevevino was employed by Philips as the Head of Post-Merger Integration Respironics, as well as in various operating capacities, to help facilitate the integration of the combined companies. He is currently an independent consultant providing interim chief financial officer services in the life sciences industry. He began his career as a certified public accountant with Ernst & Young (his license is currently inactive). Mr. Bevevino received a B.S. in Business Administration from Duquesne University and an M.B.A. from the University of Notre Dame.

The Board has determined that Mr. Bevevino should serve as a Director of CryoLife because of his expertise in accounting and financial reporting, particularly in the medical device industry.

Ronald C. Elkins, M.D. has served as a Director of CryoLife since January 1994. Dr. Elkins is Professor Emeritus, Section of Thoracic and Cardiovascular Surgery, University of Oklahoma Health Sciences Center. Dr. Elkins has been a physician at the Health Science Center since 1971, and was Chief, Section of Thoracic and Cardiovascular Surgery, from 1975 to 2002. Dr. Elkins is a graduate of the University of Oklahoma and Johns Hopkins Medical School.

The Board has determined that Dr. Elkins should serve as a Director of CryoLife because of his education and experience in the medical field, particularly with respect to cardiovascular surgery.

Ronald D. McCall, Esq. has served as a Director of CryoLife since January 1984 and served as its Secretary and Treasurer from 1984 to 2002; however, Mr. McCall has never been an employee of the company and did not receive any compensation for his service as Secretary and Treasurer of the company other than the company standard compensation provided to Directors. From 1985 to the present, Mr. McCall has been the owner of the law firm of Ronald D. McCall, P.A., based in Tampa, Florida. Mr. McCall was admitted to the practice of law in Florida in 1961. Mr. McCall received a B.A. and a J.D. from the University of Florida.

The Board has determined that Mr. McCall should serve as a Director of CryoLife because of his legal training and experience. Also, we believe that his long-standing involvement with CryoLife provides him with a unique perspective on current issues facing the company.

Harvey Morgan has served as a Director of CryoLife since May 2008. Mr. Morgan has more than 40 years of investment banking experience, with significant expertise in strategic advisory services, mergers and acquisitions, private placements, and underwritings. He has been a Managing Director of the investment banking firm Bentley Associates, L.P. since 2004, and from 2001 to 2004, he was a Principal of Shattuck Hammond Partners, an independent investment banking and financial advisory firm. Mr. Morgan also serves on the Boards of Family Dollar Stores, Inc. (NYSE: FDO) and Cybex International, Inc. (Nasdaq: CYBI). Mr. Morgan received his undergraduate degree from The University of North Carolina at Chapel Hill and an M.B.A. from The Harvard Business School.

The Board has determined that Mr. Morgan should serve as a Director of CryoLife because of his past business experience, particularly with respect to investment banking and capital markets.

Jon W. Salveson has been nominated for election as a Director at the Annual Meeting. Mr. Salveson is the Vice Chairman, Investment Banking and Chairman of the Healthcare Investment Banking Group at Piper Jaffray Companies (NYSE: PJC). He joined Piper Jaffray in 1993 as an associate, was elected Managing Director in 1999, and was named the Group Head of Piper Jaffray s international healthcare investment banking group in 2001. Mr. Salveson was appointed Global Head of Investment Banking and a member of the Executive Committee of Piper Jaffray in 2004, and has served in his present position as Vice Chairman, Investment Banking since July 2010. Mr. Salveson received his undergraduate degree from St. Olaf College and an M.M.M in finance from the Kellogg Graduate School of Management at Northwestern University.

The Board has determined that Mr. Salveson should serve as a Director of CryoLife because of his considerable experience in investment banking in the healthcare industry. Mr. Salveson has advised CryoLife in particular with respect to numerous transactions, including its 2011 acquisition of Cardiogenesis Corporation.

CORPORATE GOVERNANCE

Information about the Board of Directors

Our Board of Directors believes that the purpose of corporate governance is to maximize stockholder value in a manner consistent with legal requirements and the highest standards of integrity. The Board has adopted and adheres to corporate governance practices that the Board and senior management believe promote this purpose, are sound, and represent best practices. The Board reviews these practices on an ongoing basis.

Director Independence

The Board has adopted certain categorical standards that provide that the following relationships, if existing within the preceding three years, will be considered material relationships that would impact a Director s independence, measured consistently with the NYSE s interpretation of independence in Section 303A.02 of the NYSE s listing standards:

The Director is or was employed by us, or an immediate family member of the Director is or was employed by us, as an executive officer

The Director or an immediate family member of the Director received or receives more than \$120,000 per year in direct compensation from us, other than Director and committee fees and pension or other forms of deferred compensation for prior service, provided such compensation is not contingent in any way on continued service

The Director was employed by or affiliated with our present or former internal auditors or independent registered public accounting firm

An immediate family member of the Director was a partner at our present or former internal auditors or independent registered public accounting firm or, as an employee of our present or former internal auditors or independent registered public accounting firm, personally worked on our audit

The Director or an immediate family member of the Director is or was employed as an executive officer of another company where any of our current executive officers serve on that company s compensation committee

The Director is an executive officer or employee, or an immediate family member of the Director is an executive officer, of another company that makes payments to or receives payments from us, for property or services in an amount which, in any single fiscal year, exceeds the greater of \$1 million or two percent of the other company s consolidated gross revenues

The Board has adopted categorical standards that provide that the following commercial or charitable relationships will not be considered to be material relationships that would impair a Director s independence:

If a CryoLife Director is a partner, executive officer, or controlling stockholder of another company or business that does business with us, and the annual amount paid to, or received from, us in the preceding calendar year, or expected to be paid or received in the current calendar year, is less than \$120,000 and is also less than fifteen percent of the annual revenues of the other company or business in that year

If a CryoLife Director provides professional services to CryoLife, such as legal, investment banking, or consulting services, either individually or through a personal corporation, and the annual amount received from us in the preceding calendar year, or expected to be received in the current calendar year, is less than \$120,000 and is also less than fifteen percent of the gross annual income of

the Director in the year received

If a CryoLife Director is an executive officer of another company that is indebted to us, or to which we are indebted, and the total amount of either company s indebtedness to the other is less than five percent of the total consolidated assets of the other company

If a CryoLife Director serves as an officer, Director, or trustee of a charitable organization, and our discretionary charitable contributions to the organization are less than two percent of its total annual charitable receipts. Any automatic matching of employee charitable contributions will not be included in the amount of our contributions for this purpose

In connection with its annual review, and based on the information available to it, the Board determined that none of Messrs. Ackerman, Benson, Bevevino, McCall, and Morgan and Dr. Elkins have a material relationship with CryoLife, and that they each therefore qualify as independent Directors under the NYSE s current Listing Standards.

Other than Mr. Ackerman and Dr. Elkins, none of the Directors who were determined to be independent has any relationships with us or our management other than his position on our Board of Directors.

Mr. Ackerman is the Executive Vice President and Chief Financial Officer of Charles River Laboratories. CryoLife has made purchases from Charles River Laboratories relating to supplies for certain of its clinical trials in each of the last several years and anticipates doing so in the current year. The amount of these purchases falls within the categorical standards for commercial relationships described above that are not considered to be material relationships that would impair a Director s independence. The Board determined that Mr. Ackerman s relationship with Charles River Laboratories is not a material relationship that could impair his independence as it relates to his director relationship with CryoLife. Purchases from Charles River Laboratories were made on an arm s length basis. It is the Board s understanding that Mr. Ackerman s compensation is in no way impacted by the size or amount of the business transacted between the two companies.

Dr. Elkins is a former Chief of the Section of Thoracic and Cardiovascular Surgery at the University of Oklahoma Health Sciences Center and is a Professor Emeritus of the Center. In 2011, the Center paid CryoLife for tissue preservation services and BioGlue provided by CryoLife. Dr. Elkins son, Charles Craig Elkins, M.D., is a cardiac surgeon who has implanted CryoLife preserved cardiac tissues at Integris Baptist Medical Center in Oklahoma City. Integris paid CryoLife for tissue preservation services and BioGlue in 2011, and we expect this relationship to continue. Also, in February 2011, CryoLife paid a one-time honorarium of \$2,500 to Charles Craig Elkins, M.D., to compensate him for time away from his practice while assisting in the evaluation of a new technology for CryoLife. The Board considered these relationships and determined that they are not material relationships that could impair Dr. Elkins independence.

Right to Retain Advisors

The Board has authorized the independent members of the Board, as a group, to retain their own advisors to the extent they deem it appropriate, subject to the approval of the Presiding Director.

Board Leadership Structure

The Chief Executive Officer of CryoLife serves as the Chairman of the Board. We believe this structure provides for an appropriate level of continuity and fluid communication between the Board and management. Also, given Mr. Anderson s longstanding role with CryoLife as founder and CEO and his extensive knowledge of our company, we believe he is well-suited to fill both roles and that the Board benefits from his leadership.

In order to foster Board independence from management, the Board s leadership structure also includes a Presiding Director, a position occupied by an independent Director. Mr. McCall assumed the role of Presiding Director in December 2005. The Presiding Director has frequent contact with Mr. Anderson and other members of management on a broad range of matters and has additional corporate governance responsibilities for the Board, including:

Acting as chairman of, coordinating and developing agendas for, and moderating each of the non-management Director executive sessions

Presiding at Board meetings when the Chairman of the Board is not present

Receiving and processing communications from concerned parties wishing to contact the non-management Directors

Preparing the agenda for each Board and Committee meeting

Coordinating the activities of the independent Directors

Determining appropriate schedules for Board meetings

Encouraging the independent Directors to perform their duties responsibly while not interfering with the flow of the company s operations

Assessing the quality, quantity, and timeliness of the flow of information from the company s management that is necessary for the independent Directors to effectively and responsibly perform their duties

Directing the retention of consultants who report directly to the Board

Overseeing the Nominating and Corporate Governance Committee s activities with respect to compliance with and implementation of the company s corporate governance policies

Overseeing the Audit and Regulatory Affairs and Quality Assurance Policy Committees activities respecting compliance with and implementation of the company s policies and procedures for the development and implementation of improved safety processes and procedures for new and existing products

Acting as principal liaison between the independent Directors and the Chief Executive Officer on sensitive issues

Evaluating, along with the members of the Compensation Committee and the Nominating and Corporate Governance Committee, the Chief Executive Officer s performance and meeting with the Chief Executive Officer to discuss the Board s evaluation

Overseeing the recommendations regarding membership of the various Board committees, as well as selection of the committee chairpersons, by the Nominating and Corporate Governance Committee

Having the authority to retain such counsel or consultants as the Presiding Director deems necessary to perform his responsibilities <u>Risk Oversight</u>

The Board believes that risk is a necessary component of a healthy company; however, one of the primary oversight functions of the Board is to ensure that CryoLife maintains an appropriate level of risk, commensurate with both the short and long-term goals of the company, and that we have not incentivized excessive or inappropriate risk taking in any area of our company. In order to effectively fulfill this role, the Board relies on various individuals and committees within management and among our Directors. Management is primarily responsible for risk management and management reports directly to the Audit Committee and the Board with respect to risk management.

Because some hazards are more likely to be initially perceived by employees involved in the day-to-day aspects of our company, we have established within our Code of Business Conduct and Ethics a process by which employees can report violations of the Code or the law to our General Counsel, or if the violation involves the General Counsel, to the Chairman of the Board. Employees may also report violations anonymously online or contact a hotline with any questions or concerns. Other problematic issues may first be recognized by senior level management. In such instances, the Presiding Director may be contacted directly by any concerned party and he or she can act as a liaison with the non-management Directors.

While some problems will necessarily be reported up from employees and management, the Board also believes that our committees should function to eliminate inappropriate levels of risk within their respective areas of delegated authority. The Compensation Committee is responsible for ensuring that our executive compensation policies and practices do not incentivize excessive or inappropriate risk-taking by employees or Directors. The Audit Committee is primarily responsible for coordination with our independent registered public accounting firm, establishment and maintenance of our internal controls, and the operation of our internal audit, and various regulatory and compliance functions. The Nominating and Corporate Governance Committee monitors risk by ensuring that proper corporate governance standards are maintained and that the Board is comprised of qualified Directors. The Regulatory Affairs and Quality Assurance Policy Committee assists the Audit Committee with its regulatory and compliance function. The Presiding Director coordinates the flow of information from each respective committee to the independent Directors and participates in the preparation of the agenda for each Board and Committee meeting.

As part of the Board s risk oversight function, and in addition to the Compensation Committee s ongoing responsibilities with respect to our executive compensation policies and programs, management has reviewed our compensation policies and practices as they relate to all CryoLife employees, with particular focus on the incentives they may create and any offsetting factors that may reduce the likelihood of excessive risk taking. The purpose of our review was to determine whether any of our compensation policies or practices presents a material risk to our

company. This review included an assessment of risks that we face, regardless of whether such risks are reasonably likely to have a material adverse effect on us, and how these risks may be affected by our compensation

policies and practices. Although management reviewed base compensation paid to employees and how that compensation affected risk taking, management primarily focused on incentive compensation paid to employees. Our goal was to determine whether the incentive plans and programs might encourage inappropriate behavior by employees, and if so, evaluate how that behavior related to our identified risks. We followed this review with an analysis of whether and to what extent the specific incentive compensation policies and procedures that we reviewed were subject to controls that monitored or mitigated any risk created. In addition, we reviewed other policies, procedures, and programs that we have in place to monitor and mitigate the identified risks, including training programs, internal controls, and other controls. Based on this review, management, in consultation with the Audit and Compensation Committees and the full Board, has determined that CryoLife s compensation policies and practices are not reasonably likely to have a material adverse impact on our company.

Board and Committee Meetings

During 2011, no Director attended fewer than 75% of the sum of the total number of meetings of the Board of Directors plus the total number of meetings held by all committees of the Board on which he served. In general, members of the Board of Directors are appointed to committees at the meeting of Directors immediately following the Annual Meeting of Stockholders.

During 2011, the Board of Directors held twelve meetings.

Board attendance at the Annual Meeting of Stockholders is encouraged, but not required. All seven of the current Board members who were nominated for re-election at the 2011 annual meeting attended the meeting.

Director Compensation

See Fiscal 2011 Director Compensation at page 73 for a discussion of compensation received by Directors during 2011.

Standing Committees of the Board of Directors

During 2011, the Board of Directors had four standing committees: the Audit Committee, the Compensation Committee, the Nominating and Corporate Governance Committee, and the Regulatory Affairs and Quality Assurance Policy Committee. In 2011, the Audit Committee met five times, the Compensation Committee met eight times, the Nominating and Corporate Governance Committee met four times, and the Regulatory Affairs and Quality Assurance Policy Committee met four times, and the Regulatory Affairs and Quality Assurance Policy Committee met four times. These committees are described below.

Audit Committee CryoLife s Audit Committee currently consists of three non-employee Directors: Mr. Bevevino, Chairman, Mr. Ackerman, and Mr. Morgan, each of whom served on the Audit Committee for all of 2011. The Audit Committee reviews the general scope of CryoLife s annual audit and the nature of services to be performed for CryoLife in connection with it, acting as liaison between the Board of Directors and the independent registered public accounting firm. The Audit Committee also formulates and reviews various company policies, including those relating to accounting practices and internal control systems of CryoLife. In addition, the Audit Committee is responsible for reviewing and monitoring the performance of CryoLife s independent registered public accounting firm, and for assisting the Board in its oversight of legal and regulatory requirements. Each of the members of the Audit Committee meets the requirements of independence of Section 303A.02 of the current NYSE Listing Standards and also meets the criteria of Section 303A.06, as set forth in Rule 10A-3 promulgated under the Securities Exchange Act of 1934, regarding listing standards related to audit committees. No member of the Audit Committee serves on the Audit Committee of more than three public companies. In addition, the Board of Directors has determined that all of the current members of the Audit Committee satisfy the definition of an audit committee financial expert, as promulgated in Securities and Exchange Commission regulations.

The Audit Committee operates under a written charter. The charter gives the Audit Committee the authority and responsibility for the appointment, retention, compensation, and oversight of CryoLife s independent registered public accounting firm, including pre-approval of all audit and non-audit services to be performed by CryoLife s independent registered public accounting firm. The Audit Committee also oversees and must review and approve all significant related party transactions. See Policies and Procedures for Review, Approval, or Ratification of Transactions with Related Parties at page 13. The Report of the Audit Committee is on page 14 of this proxy statement.

Compensation Committee The Compensation Committee operates under a written charter that sets out the committee s functions and responsibilities. Our Compensation Committee currently consists of three non-employee Directors: Dr. Elkins, Chairman, Mr. Bevevino, and Mr. McCall, each of whom served on the Compensation Committee for all of 2011. Each member of

the Compensation Committee meets the independence requirements of Section 303A.02 of the current NYSE Listing Standards, and is a non-employee director within the meaning of Rule 16b-3 under the Securities Exchange Act of 1934 and a disinterested director within the meaning of Section 162(m) of the Internal Revenue Code of 1986.

Pursuant to the Compensation Committee Charter, the Compensation Committee is responsible for reviewing the performance of executive officers and setting the annual compensation for all senior officers, including the salary and the compensation package of executive officers. The committee, among its other responsibilities:

Reviews and approves the corporate goals and objectives upon which the compensation of CryoLife s Chief Executive Officer is based

Determines the proper relationship of all executive compensation to the performance of CryoLife

Evaluates annually the performance of CryoLife s CEO in a joint session with the Nominating and Corporate Governance Committee

Evaluates the performance of other executive officers by consulting with the CEO and reviewing officer evaluations

Recommends to the full Board the total amount and form of annual and other compensation paid to CryoLife s non-employee Directors

Establishes and periodically reviews CryoLife s policies regarding management perquisites

Recommends executive compensation plans to the Board for approval, approves grants under CryoLife s executive bonus plans, and approves grants of stock options, restricted stock awards, performance shares and other stock rights and cash incentives under CryoLife s stock and incentive plans

The committee consults with Mr. Anderson, the President and CEO of CryoLife, with respect to compensation for all officers. The CEO negotiates with candidates for employment as officers, and the negotiated compensation is reflected in each candidate s employment arrangements, subject to approval by the committee. Management develops bonus and equity compensation plans at the direction of the committee and submits these plans to the committee to review and approve.

The committee has the power to retain, determine the terms of engagement and compensation of, and terminate any consulting firm that may assist it in the evaluation of compensation decisions. The committee engaged Pearl Meyer & Partners, a compensation consultant, for evaluation of compensation decisions made in 2011 for the named executive officers. Pearl Meyer prepared an executive compensation study in September 2010 that was used by the committee in making compensation decisions in 2011 prior to October 2011. In late 2011, the committee re-engaged Pearl Meyer as its compensation consultant for decisions made in the fourth quarter of 2011 and the first quarter of 2012. Pearl Meyer prepared an executive compensation study in October 2011, which was updated in March 2012, for decisions regarding executive compensation made in December 2011 and the first quarter of 2012.

Nominating and Corporate Governance Committee CryoLife s Nominating and Corporate Governance Committee currently consists of three non-employee Directors: Mr. McCall, Chairman, Mr. Benson, and Mr. Morgan, each of whom served on the Nominating and Corporate Governance Committee for all of 2011. Each of these individuals meets the requirements of independence of Section 303A.02 of the current NYSE Listing Standards. Among other things, the committee recommends potential candidates for the Board. It also oversees the annual self-evaluations of the Board and its committees. Each year the Nominating and Corporate Governance Committee evaluates the performance of CryoLife s CEO in a joint session with the Compensation Committee. The Nominating and Corporate Governance Committee also recommends to the Board how the other Board committees should be structured and which Directors should be members of those committees. The committee also reviews and makes recommendations to the Board of Directors regarding the development of and compliance with the company s corporate governance guidelines.

Regulatory Affairs and Quality Assurance Policy Committee CryoLife s Regulatory Affairs and Quality Assurance Policy Committee currently consists of three non-employee Directors: Mr. Benson, Chairman, Dr. Elkins, and Mr. McCall, each of whom served on the Regulatory Affairs and Quality Assurance Policy Committee for all of 2011. Each of these individuals meets the requirements of independence of Section 303A.02 of the current NYSE Listing Standards. The Charter of the Regulatory Affairs and Quality Assurance Policy Committee requires that a majority of its members be independent. We expect Mr. Salveson to join this committee if he is elected to the Board at the 2012 annual meeting. Among other things, the Regulatory Affairs and Quality

Assurance Policy Committee assists the Audit Committee in its oversight of CryoLife s regulatory affairs and quality assurance relating to its tissue processing, biologicals, and devices, both new and existing. Pursuant to its charter, the committee is directed to:

Meet with CryoLife s internal regulatory compliance auditors and regulatory affairs and tissue processing quality assurance administrators on a quarterly basis and receive updates concerning

CryoLife s development and implementation of improved safety processes and procedures for tissue processing, biologicals, and devices

CryoLife s adherence to FDA and other regulatory bodies rules, regulations, and guidelines that are applicable to CryoLife

Become familiar with CryoLife s internal policies concerning the development and implementation of improved safety processes and procedures for tissue processing, biologicals, and devices, and make recommendations of appropriateness to the Audit Committee regarding such processes and procedures.

Keep adequate and proper records and/or minutes of all such discussions, meetings, and recommendations and make the same available to all Board members

Policies and Procedures for Stockholders Who Wish to Submit Nominations or Recommendations for Board Membership

Stockholders may submit the names of potential candidates for Director to the Nominating and Corporate Governance Committee. The policy of the Nominating and Corporate Governance Committee is to give the same consideration to nominees submitted by stockholders that it gives to individuals whose names are submitted by management or other Directors, provided that the nominees submitted by stockholders are submitted in compliance with Article XIV of CryoLife s Bylaws, as discussed below.

Factors to be considered by the committee include:

Whether the committee sees a need for an additional member of the Board, or to replace an existing member

The overall size of the Board of Directors

The skills and experience of the nominee, as compared to those of the other members of the Board

Whether the nominee is the holder of or is associated with a holder of a large number of shares of CryoLife common stock Stockholders may also directly nominate a candidate for election to the Board by complying with Article XIV of CryoLife s Bylaws. The Nominating and Corporate Governance Committee also requires compliance with Article XIV as a prerequisite for its consideration of a potential nominee. A summary of certain provisions of Article XIV as it relates to nominations for Director at the 2013 annual meeting of stockholders is set forth below, but you should not rely on this summary as complete and are urged to read Article XIV in its entirety:

We must receive all required information no later than February 15, 2013 but no earlier than January 16, 2013, in order for it to be considered timely see Stockholder Proposals at page 90 of this proxy statement

The sponsoring stockholder should provide information sufficient to inform us that the sponsor qualifies as a stockholder

The sponsoring stockholder should also provide disclosure, as described in the Bylaws, of certain underlying motives that may give rise to a Director nomination, such as any material monetary agreements, arrangements or understandings between a stockholder and his or her nominee

The nominee should provide the candidate s written consent to be considered and to serve if elected, a detailed questionnaire that includes questions regarding the background and qualification of the candidate, and a written representation and agreement disclosing certain arrangements that could prevent the candidate from acting in the best interests of CryoLife

Based on its review of the information provided, the committee may contact the candidate confidentially, and may require that the candidate:

Be available upon request to meet with the committee and management with reasonable notice

Execute a non-disclosure agreement

Provide several references

The Board may from time to time identify nominees on its own and/or utilize a third party search firm to identify nominees. All nominees are evaluated according to the same criteria. The committee and the Board have determined that nominees to the Board should be of known integrity, have a good moral and ethical background, and have an appropriate level of education, training, or experience to be able to make a contribution to furthering the goals of CryoLife while being compatible with management and the other Board members. Special knowledge, education, training, and experience that complement the experience of other Board members will be considered. A candidate s capacity for independent judgment will also be considered.

The current Board policy requires each Director to offer to voluntarily resign upon a change in such Director s principal employment or line of business. The Nominating and Corporate Governance Committee will then review whether he or she continues to meet the needs of the Board and will make a recommendation to the Board regarding whether or not it should require the Director to tender his or her resignation.

Current Board policy also limits the number of other public company boards of Directors on which CryoLife Directors may serve. Non-employee Directors may serve on no more than two public company boards of Directors in addition to service on CryoLife s Board. The CEO may serve on no more than one public company board of Directors in addition to service on CryoLife s Board.

Although the Board and the Nominating and Corporate Governance Committee have no formal policy with respect to the consideration of diversity in Board membership, in addition to the specific criteria the Board and the Committee consider with respect to individual nominees and Directors, the Board also seeks to maintain an overall mix of Board members with diverse talents and backgrounds in order to maximize the Directors aggregate contribution to the effective oversight of CryoLife. In considering nominees for election and reelection, we may consider one or more potential members of the Board who possess a background in the biotechnology or healthcare fields. Along with attracting and retaining Directors who are well-acquainted with our industry, we may also consider individuals with more general backgrounds in business, legal, and/or regulatory affairs. Also, because of the importance of evaluating our financial performance, capital needs, and potential acquisitions, we may also consider individuals with experience in accounting and financial reporting, investment banking, and corporate finance. The Board also considers the need to maintain the appropriate level of experienced membership on each of its committees as it fosters diversity within its ranks. We evaluate the Board as a whole, however, and do not generally choose Directors in order to fill designated slots or positions.

Other than Mr. Salveson, the Nominating and Corporate Governance Committee has not received any recommended Director nominees for election at the 2012 Annual Meeting from any CryoLife security holder or group of security holders beneficially owning in excess of 5% of CryoLife s outstanding common stock. CryoLife s Chief Executive Officer, Steven G. Anderson, who owns in excess of 5% of CryoLife s outstanding common stock, recommended Mr. Salveson for election to the Board.

Stockholders may communicate the necessary information to the Nominating and Corporate Governance Committee or the Board by following the procedures set forth below at Communication with the Board of Directors and Its Committees on page 14.

Code of Business Conduct and Ethics

CryoLife has established a Code of Business Conduct and Ethics that clarifies the company s standards of conduct in potentially sensitive situations; makes clear that CryoLife expects all employees, officers, and Directors to understand and appreciate the ethical considerations of their decisions; and reaffirms the company s long-standing commitment to a culture of corporate and individual accountability and responsibility for the highest ethical and business practices.

This Code of Business Conduct and Ethics also serves as the code for the company s Chief Executive Officer, Chief Financial Officer, Chief Accounting Officer, Controller, and all other financial officers and executives. In the event that CryoLife amends or waives any of the provisions of the Code of Business Conduct and Ethics applicable to its Chief Executive Officer, Chief

Financial Officer, Chief Accounting Officer, or Controller, the company intends to disclose that information on the company s website at <u>www.cryolife.com/investornew.htm</u>.

Policies and Procedures for Review, Approval, or Ratification of Transactions with Related Parties

The Board has adopted written policies and procedures for review, approval, or ratification of transactions with related parties.

Types of Transactions Covered

It is our policy to enter into or ratify related party transactions only when the Board of Directors, acting through the Audit Committee or as otherwise described herein, determines that the related party transaction in question is in, or is not inconsistent with, the best interests of CryoLife and its stockholders. We follow the policies and procedures below for any transaction in which we are, or are to be, a participant and the annual amount involved exceeds \$50,000 and in which any related party, as defined below, had, has, or will have a direct or indirect interest. Pursuant to the policy, compensatory arrangements with an executive officer or Director that are approved or ratified by the Compensation Committee or compensation received under our employee benefit plans that are available to all employees do not require additional Audit Committee approval.

The company subjects the following related parties to these policies: Directors (and nominees), executive officers, beneficial owners of more than 5% of our stock, any immediate family members of these persons, and any entity in which any of these persons is employed, or is a general partner or principal, or has a similar position, or in which the person has a 10% or greater beneficial ownership interest.

Standards Applied and Persons Responsible for Approving Related Party Transactions

The CEO and the Corporate Secretary are responsible for maintaining a list of all related parties known to them and for submitting to the Audit Committee for its advance review and approval any related party transaction into which we propose to enter. If any related party transaction inadvertently occurs before the Audit Committee has approved it, the CEO or the Corporate Secretary shall submit the transaction to the Audit Committee for ratification as soon as he or she becomes aware of it. If the Audit Committee does not ratify the transaction, it shall direct for the transaction to be either rescinded or modified as soon as is practicable. The CEO or the Corporate Secretary may delegate his or her duties under the policy to another officer of CryoLife if he or she gives notice of the delegation to the Audit Committee at its next regularly scheduled meeting.

When reviewing a related party transaction, the Audit Committee shall examine all factors it deems relevant, including, among other things:

Whether the transaction has a business purpose

Whether the transaction is to be entered into on an arms length basis

The prior course of dealing between the parties, if any

Whether such a transaction would violate any provisions of the CryoLife Code of Business Conduct and Ethics or otherwise create the appearance of impropriety

The impact on a Director s independence in the event the related party is a Director

The terms available to unrelated third parties or to employees generally

Management s recommendations regarding the transaction

Advice of counsel regarding the legality of the transaction

The financial impact on CryoLife

Whether or not it is advisable for the approval to comply with Section 607.0832 of the Florida Business Corporation Act, which addresses Director conflict of interest transactions.

If the CEO or the Corporate Secretary determines that it is not practicable or desirable to wait until the next Audit Committee meeting, they shall submit the related party transaction for approval or ratification to the chair of the Audit Committee, who possesses delegated authority to act between Audit Committee meetings. The Chairman shall report any action he or she has taken under this delegated authority to the Audit Committee at its next regularly scheduled meeting.

The Audit Committee, or the Chairman, shall approve only those related party transactions that they have determined in good faith are in, or are not inconsistent with, the best interests of CryoLife and its stockholders.

Review of Ongoing Transactions

At the Committee s first meeting of each fiscal year, the Committee reviews all related party transactions, other than those approved by the Compensation Committee as contemplated in the policy, that remain ongoing and have a remaining term of more than six months or remaining amounts payable to or receivable from CryoLife of more than \$50,000 annually. Based on all relevant facts and circumstances, taking into consideration the factors discussed above, the Audit Committee shall determine if it is in, or not inconsistent with, the best interests of CryoLife and its stockholders to continue, modify, or terminate the related party transaction.

See Certain Transactions on page 75 for a description of certain related party transactions.

Communication with the Board of Directors and Its Committees

Interested parties may communicate directly with the Board of Directors, the Presiding Director, the non-management Directors as a group, Committee Chairmen, Committees, and individual Directors by mail. CryoLife s current policy is to forward all communications to the addressees, unless they clearly constitute unsolicited general advertising. Please send all communications in care of Suzanne K. Gabbert, Corporate Secretary, CryoLife, Inc., 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144.

Availability of Corporate Governance Documents

You may view current copies of the charters of the Audit, Compensation, Nominating and Corporate Governance, and Regulatory Affairs and Quality Assurance Policy Committees, as well as the company s Corporate Governance Guidelines and Code of Business Conduct and Ethics, on the CryoLife website at <u>www.cryolife.com/investornew.htm</u>.

Notwithstanding anything to the contrary set forth in any of CryoLife s filings under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, that might incorporate other CryoLife filings, including this proxy statement, in whole or in part, neither of the following Reports of the Audit Committee and the Compensation Committee shall be incorporated by reference into any such filings.

REPORT OF THE AUDIT COMMITTEE

The Board of Directors maintains an Audit Committee comprised of three Directors. The Board of Directors and the Audit Committee believe that the Audit Committee s current member composition satisfies the rules of the NYSE that govern audit committee composition, including the requirement that audit committee members all be Independent Directors as that term is defined by Sections 303A.02 and 303A.06 of the current NYSE Listing Standards and Rule 10A-3 promulgated under the Securities Exchange Act of 1934.

The Audit Committee oversees CryoLife s financial processes on behalf of the Board of Directors. Management has the primary responsibility for the financial statements and the reporting process, including the systems of internal controls. In fulfilling its oversight responsibilities, the Audit Committee reviewed the audited financial statements included in CryoLife s Annual Report on Form 10-K for fiscal 2011 with management, including a discussion of the quality, not just the acceptability, of the accounting principles, the reasonableness of significant judgments and the clarity of disclosures in the financial statements. The Board and the Audit Committee have adopted a written Audit Committee Charter. Since the first quarter of 2004, CryoLife has retained a separate accounting firm to provide internal audit services. The internal audit function reports directly to the Audit Committee and, for administrative purposes, to the Chief Financial Officer.

During the course of fiscal 2011, management completed the documentation, testing and evaluation of CryoLife s system of internal control over financial reporting in response to the requirements set forth in Section 404 of the Sarbanes-Oxley Act of 2002 and related regulations. The Audit Committee was apprised of the progress of the evaluation and provided oversight and advice to management during the process. In connection with this oversight, the Audit Committee received periodic updates provided by management and Deloitte & Touche LLP at each regularly scheduled Audit Committee meeting. The Audit Committee also reviewed

the report of management on internal control over financial reporting contained in CryoLife s Annual Report on Form 10-K for fiscal 2011, as well as Deloitte & Touche LLP s Reports of Independent Registered Public Accounting Firm included in CryoLife s Annual Report on Form 10-K for fiscal 2011 related to its audit of (i) CryoLife s consolidated financial statements and (ii) the effectiveness of CryoLife s internal control over financial reporting. The Audit Committee continues to oversee CryoLife s efforts related to its internal control over financial reporting and management s preparations for the evaluation in fiscal 2012.

The Audit Committee reviewed with the independent registered public accounting firm, which is responsible for expressing an opinion on the conformity of those audited financial statements with generally accepted accounting principles, their judgments as to the quality, not just the acceptability, of CryoLife s accounting principles and such other matters as are required to be discussed with the Audit Committee under generally accepted auditing standards, including Statement on Auditing Standards No. 61. The independent registered public accounting firm also provided to the Audit Committee the written disclosures and the letter required by the applicable requirements of the Public Company Accounting Oversight Board regarding the independent registered public accounting firm s communications with the Audit Committee concerning independence. The Audit Committee discussed with the independent registered public accounting firm that firm s independence from management and CryoLife.

The Audit Committee discussed with CryoLife s independent registered public accounting firm the overall scope and plans for its audit. The Audit Committee meets with the independent registered public accounting firm, with and without management present, to discuss the results of its examination, its evaluation of CryoLife s internal controls and the overall quality of CryoLife s financial reporting.

Aggregate audit fees paid to Deloitte & Touche LLP for the year ended December 31, 2011, including audit-related fees paid in 2011, were \$654,000. See Ratification of the Independent Registered Public Accounting Firm at page 88 for further details. The Audit Committee determined that the payments made to its independent registered public accounting firm for non-audit services for 2011 were consistent with maintaining Deloitte & Touche LLP s independence. In accordance with its Audit Committee Charter, CryoLife s Audit Committee pre-approves all audit and permissible non-audit services provided by the independent registered public accounting firm. These services may include audit services, audit-related services, specified tax services and other services.

In reliance on the reviews and discussions referred to above, the Audit Committee members did not become aware of any misstatement in the audited financial statements and recommended to the Board of Directors that the audited financial statements be included in CryoLife s Annual Report on Form 10-K for the year ended December 31, 2011 for filing with the Securities and Exchange Commission. The Audit Committee will also select CryoLife s independent registered public accounting firm for fiscal 2012.

Audit Committee DANIEL J. BEVEVINO, CHAIRMAN THOMAS F. ACKERMAN HARVEY MORGAN

PROXY ITEM #2

ADVISORY VOTE ON EXECUTIVE COMPENSATION (SAY ON PAY)

In accordance with Section 14A of the Securities Exchange Act of 1934 and related rules, we are asking shareholders to approve the following advisory resolution (commonly referred to as say on pay):

Resolved, that CryoLife s shareholders approve the compensation paid to CryoLife s named executive officers, as disclosed in this proxy statement pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, compensation tables and narrative discussion.

As discussed in more detail below, we believe that the Compensation Committee s actions following the 2011 say-on-pay vote, which obtained 73.1% support, have been commensurate with company performance. Further, the committee has made several adjustments to the company s executive pay program intended to enhance the link between pay and performance and more closely align executives with shareholder interests. Named executives experienced a one-time increase in total compensation for 2011 primarily due to the special, one-time equity grants made during the first quarter of 2011, as discussed in last year s proxy statement and in the Compensation Discussion and Analysis. The number of shares underlying this year s equity grants, however, has returned to 2010 levels (assuming that the performance shares are earned at target levels). The committee s actions were accompanied by an expanded pay for performance review undertaken in response to the 2011 say on pay vote. This review is discussed further below under Pay for Performance Review. Despite flagging stock prices, a recession, and set-backs related to the loss of revenues from HemoStase, the company has remained profitable and has delivered strong cash flow, and the Board believes that the executive team has performed well in executing the company s growth strategies.

Compensation Decisions Since 2011 Say on Pay Vote

Set forth below is a summary of compensation decisions made by the committee since last year s say-on-pay vote:

Salary

None of the named executive officers received salary increases for 2012 except for the CEO, who received only the 3% salary increase that the company was contractually obligated to provide to him under the terms of his employment contract.

Annual Bonuses

2011 Bonus. The formulas for calculating the adjusted revenues and adjusted net income bonus components were revised in order to emphasize CryoLife s current revenue sources and to exclude items over which management was not considered to exercise significant control or which were volatile or difficult to predict, while the individual performance component was simplified to minimize the impact of subtle differences in performance. Each of the named executive officers received an annual bonus for 2011 equal to 86% of target for 2011. These bonuses were paid upon the attainment of the following:

Specific, pre-set performance goals, including the achievement of specific levels of adjusted net income and adjusted revenues (described in more detail under Compensation Discussion and Analysis on page 24); and

Individual personal performance goals.

Stricter Thresholds for 2012. 2012 target pay-out levels as a multiple of salary are unchanged from the prior year. However, several adjustments were made in an effort to ensure that no bonus will be paid unless appropriately challenging performance is achieved. For 2012, threshold levels have been set so that adjusted revenues must equal at least 95% of target, and adjusted net income must equal at least 85% of target, as compared to 2011 thresholds that were only 92.5% and 80%, respectively. This necessitated a corresponding change to raise the threshold payout from 50% of target to 60%.

Equity Incentives

Return to 2010 levels. In 2012, the total number of shares subject to awards was reduced from 2011, reflecting a return to 2010 grant levels (assuming that the performance shares are earned at target levels) following the special one-time increase in 2011.

Movement to Performance Shares. In order to enhance the alignment of executive pay and company performance, the committee modified the composition of the company s long-term incentives. Previously, the company awarded a combination of

stock options and restricted stock. For 2012, executives received a package consisting 1/3 of options, 1/3 of time-based restricted stock, and 1/3 of performance shares, based on the number of shares underlying awards, and assuming that performance shares are earned at target levels. The number of shares received under the performance share award is conditioned upon the achievement of specific pre-set levels of 2012 Adjusted EBITDA. See Executive Compensation Terms of 2009 Employee Stock Incentive Plan Awards on page 52 for a discussion of the calculation of adjusted EBITDA.

Stock Ownership and Holding Requirements

Increased Required Stock Ownership Levels. The committee increased the required stock ownership levels so that the CEO is required to hold an amount of stock worth approximately 3 times his annual base salary, and all named executive officers must hold an amount equal to or in excess of their annual base salary, assuming a \$5.00 per share or higher stock price.

Adopted Stock Holding Requirements. The committee also adopted a stock holding requirement that limits the amount of stock any executive officer can sell before his or her holdings meet the required stock ownership levels. Under the new requirement, each executive must hold 50% of the net after tax shares received from option exercises and stock vesting until the executive is in compliance with the required minimum stock ownership level.

Performance Highlights

Despite setbacks and flagging shareholder return, company performance has remained solid, as shown below:

Compared to the 2012 peer group utilized by the committee for 2012 compensation decisions (see the Compensation Discussion and Analysis for a listing of the companies comprising the 2012 peer group), three- and four-year average operating cash flows from the periods ending fiscal year 2010 scored at approximately the 69th and 65th percentiles, respectively

Compared to the 2012 peer group, three - and four-year average free cash flows from the periods ending fiscal year 2010 scored at approximately the 77^{th} and 75^{th} percentiles, respectively

Operating cash flow has risen by approximately 80% from approximately \$9.3 million in 2007 to approximately \$16.8 million in 2011, and

Free cash flow has risen by almost 76% from approximately \$8.1 million in 2007 to approximately \$14.2 million in 2011. Free cash flow is a non-GAAP number. For more information, including a full reconciliation to the most comparable GAAP numbers and discussion of why the company believes this measure is useful, please see Appendix B.

Further, as of December 31, 2011, the company s current ratio (current assets divided by current liabilities) was 4 to 1, and the debt-equity ratio (total liabilities divided by shareholders equity), expressed as a percentage, was only 21.7%.

We believe that the company s management team has positioned the company well for continued future growth by:

Acquiring Cardiogenesis

Securing the distribution agreement and related technology for PerClot

Obtaining Japanese approval for BioGlue, and

Acquiring an investment in ValveXchange.

Conclusion

We believe that despite setbacks, the company has continued to deliver solid and consistent results, especially in its cash flow generation, and management is executing well on the company s strategic plans for future growth. We also believe that the company s executive team is instrumental to the company s continued success, and therefore that it is important that the company s executive pay packages be designed in a way that encourages these executives to stay with the company and continue to execute on the company s strategies. At the same time, compensation needs to remain linked to company performance and aligned with the

interests of shareholders. The Compensation Committee has worked to strike this balance in the current program, particularly with the enhancements made in response to the 2011 say on pay vote. Accordingly, we are asking shareholders to vote in favor of the submitted resolution. We urge you to read the Pay for Performance Review and Compensation Discussion and Analysis sections of this Proxy Statement for a more detailed discussion of the link between company performance and executive pay and the compensation decisions made by the Compensation Committee in response to the 2011 say on pay vote.

<u>Required Vote</u>

The advisory votes cast for this proposal must exceed the votes cast against it in order for it to be approved. Accordingly, abstentions and broker non-votes will not be relevant to the outcome. As previously disclosed and approved by the shareholders, the Board intends to submit a say on pay proposal annually until the next required vote on the frequency of say on pay votes, currently expected to take place at the 2017 Annual Meeting.

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE FOR THE APPROVAL OF THE COMPENSATION PAID TO CRYOLIFE S NAMED EXECUTIVE OFFICERS

EXECUTIVE COMPENSATION

PAY FOR PERFORMANCE REVIEW

In response to the 2011 say on pay vote, the Compensation Committee of CryoLife s Board of Directors undertook an expanded review of CryoLife performance and its relationship to executive pay. The committee examined multiple measures of CryoLife performance, both in absolute terms and in comparison with certain peer companies. The objective of the review was to better understand CryoLife s historical performance and executive pay trends. The key findings from this review included:

Revenue increased by approximately 47% from 2006 to 2011

Operating cash flow increased by over 80% from 2007 to 2011

Free cash flow increased by almost 76% from 2007 to 2011

Shareholders equity at December 31, 2011, as reflected on the 2011 Balance Sheet, has more than doubled since 2007

CryoLife s total shareholder return, calculated as the change in the closing price of our common stock from the first day of the period to the last, was negative 12.9% in 2011, negative 48.7% for the period from 2009 to 2011, and negative 37.2% for the period from 2007 to 2011

Most of the stock options granted from 2004 to 2011 were underwater at year end 2011, and a number of them remained underwater as of March 19, 2012

No salary increases were made for named executive officers in 2009 or 2010, except for Mr. Burris

Short-term incentive awards have been paid out below target from 2008 to 2011

The current realizable value of outstanding equity awards remained below their grant date value as of December 31, 2011, as reported in the Summary Compensation Table

Management has successfully executed on business development opportunities, most recently with the expansion of BioGlue in Japan, the acquisition and integration of Cardiogenesis, the investment in ValveXchange, and the rollout of PerClot in new international markets

The CEO continues to hold a substantial investment in CryoLife stock, currently representing approximately 6.6% of the total common shares outstanding, and

All named executive officers were in compliance with their required stock ownership levels in effect during 2011, which aligns their long-term wealth with that of shareholders.

This Pay for Performance Review discussion includes references to free cash flow and EBIT margin, non-GAAP numbers. Additional information, including a full reconciliation to the most comparable GAAP numbers and a discussion of these measures, is contained on

Appendix B to this proxy statement.

Certain comparative performance data was provided by the committee s compensation consultant, Pearl Meyer, in a special report dated October 2011, the October 2011 study. The October 2011 study compared CryoLife s performance over the one and three year periods ending with fiscal year 2010 to that of the 2012 peer group, a group of companies chosen to reflect CryoLife s industry focus and size, more specifically defined below under Compensation Discussion and Analysis 2012 Executive Compensation Actions 2011 Executive Compensation Study. The October 2011 study found that when compared to the 2012 peer group, key measures for fiscal 2010 showed strong performance by CryoLife in the following areas:

Earnings Per Share Median

Return on Capital Near the 7th Percentile

Net Profit Margin Above the Median, and

EBIT Margin Above the 75 Percentile.

However, CryoLife s revenue growth in 2010 was somewhat above the 2th percentile when compared to the 2012 peer group. This prompted the committee to evaluate the actions of management impacting CryoLife s revenue growth, as explained below.

Revenue Growth. The committee reviewed CryoLife s revenues over the past 5 years and noted that CryoLife s revenues have increased every year from 2006 to 2011. Further, CryoLife s revenues have increased by over 47% from approximately \$81.3 million in 2006 to \$119.6 million in 2011. Although CryoLife s revenues continue to grow, CryoLife s rate of revenue growth in the past few years appears to be behind its peers. The committee therefore determined that a closer examination of CryoLife s revenues growth was in order. As a result of this examination, the committee determined that a major factor impacting CryoLife s revenues in recent years was the loss of revenues from the HemoStase product, a loss which CryoLife is currently litigating. The committee concluded that this loss was beyond management s reasonable ability to predict or prevent, and therefore should not be allowed to unduly influence compensation levels. In addition, the committee reviewed CryoLife s strategic plans to drive revenue growth, and evaluated management s performance in developing and executing these plans. The committee concluded that the executive officers have performed well in this area over the past two years by:

Acquiring Cardiogenesis

Securing the distribution agreement and related technology for PerClot

Obtaining Japanese approval for BioGlue, and

Acquiring a preferred stock investment in ValveXchange along with rights of first refusal to purchase ValveXchange and rights to distribution.

These successes added revenues of approximately \$10.3 million in 2011, and the committee believes that they have positioned CryoLife well for future growth. The committee also noted that the increases in revenues have been achieved without any significant increase in long-term liabilities.

Net Income, Net Profit Margin, EBIT Margin, and EPS. Compared to the 2012 peer group described below, CryoLife s performance for the three years ending with fiscal year 2010 was strong:

EBIT margin								at	oove 75	th percentil	e	
Net profit margin								above	75 th per	rcentile, an	d	
EPS				S	ignificantly	above r	nedian	, approacl	ning 75	th percentile	.	
 . 1.1												c .

The committee noted that net profit margin and earnings per share during this period were positively impacted by a one-time reversal of tax allowances in 2008, but that performance for the fiscal year ended December 31, 2010, which was unaffected by this reversal, was also strong:

EBIT margin	above 75th percentile
Net profit margin	exceeded the median, and
EPS	at the median.

The statistics above were based on the following underlying measures of company performance:

For the three years ending with fiscal year 2010:

	Average EBIT margin	11%
	Average Net profit margin	13%, and
	Average Diluted EPS	\$0.52.
1 1 1 1		

For the fiscal year ended December 31, 2010:

EBIT margin	6%
Net profit margin	3%, and
EPS	\$0.14.

The committee noted that net income has remained relatively strong over the last three years, but has been impacted by a number of unusual items. For example, in 2008, net income was positively impacted by an unusual one-time gain of \$19.1 million related to the reversal of substantially all of the valuation allowances on the company s deferred tax assets; similarly, in 2010, net income was negatively impacted by several non-cash charges, including write-downs of the value of the company s investment in Medafor and of HemoStase inventory and the expensing of in-process research and development acquired from Starch Medical; also, in 2010, net income was positively impacted by the change in the value of the derivative related to the investment in Medafor common stock. Despite these unusual items, a poor economy, investments involved in the company s strategic planning, and the loss of the Medafor relationship and related litigation, the company has remained consistently profitable throughout the period.

Cash Flow. In conjunction with its review of the October 2011 study, the committee examined total shareholder return, earnings per share, return on capital, net profit margin, and revenue performance; however, the committee believes that cash flow is an important predictor of CryoLife s ability to grow and thrive in the future and that CryoLife s cash flow performance is critical to executing its growth strategy and ultimately returning value to shareholders. Therefore, presented below is a more detailed discussion of the company s cash flow from operations and free cash flow.

As reflected in the chart below, CryoLife s operating cash flow increased by approximately 80% from 2007 to 2011, and free cash flow rose by almost 76%:

	2011	2010	2009	2008	2007
Cash Flow From Operations	\$ 16,751,000	\$ 20,837,000	\$ 16,572,000	\$ 9,537,000	\$ 9,292,000
Minus Capital Expenditures	(2,538,000)	(2,121,000)	(1,690,000)	(1,738,000)	(1,207,000)
Free Cash Flow	\$ 14,213,000	\$ 18,716,000	\$ 14,882,000	\$ 7,799,000	\$ 8,085,000

These cash flow numbers compared extremely favorably to the 2012 peer group. Average operating cash flows from fiscal years 2008-2010 scored at approximately the 69th percentile, and average free cash flows from fiscal years 2008-2010 scored at approximately the 77th percentile. Further, CryoLife has been able to achieve these strong cash flow results:

In the face of a recession

Despite the loss of the Medafor relationship

Without materially increasing long-term debt or the number of shares of common stock outstanding, and

While continuing to invest in CryoLife s future through research and development spending, which has continued to increase over the last three years.

The cash flow numbers take on more significance in light of CryoLife s relatively low debt burden. As of December 31, 2011, CryoLife s current ratio (current assets divided by current liabilities) remained 4 to 1; and the debt-equity ratio (total liabilities divided by shareholders equity), expressed as a percentage, was only 21.7%.

Adjusted Revenues and Adjusted Net Income. The company uses adjusted revenues and adjusted net income to set targets for CryoLife s annual bonus program. We believe these financial metrics, which emphasize factors over which management is expected to have control, are key to incentivizing management to achieve company performance that will further our strategic business plan and ultimately deliver value to our shareholders. Because the annual bonus targets are set at challenging levels, for fiscal year 2011, the adjusted revenues bonus paid out at only the 72% level and the adjusted net income bonus paid out at the 93% level, even though CryoLife did achieve 96% of the adjusted revenues target and 97% of the adjusted net income target. For an explanation of the calculation of adjusted revenues and adjusted net income, see Plan-Based Awards, Annual Performance-Based Bonus Plans at page 56 of this proxy statement.

The committee believes that the annual bonus program represents a key component of CryoLife s overall pay for performance program, because executives do not receive any bonus unless specific performance targets are met. In addition, bonus amounts are directly correlated with company performance, are set to encourage CryoLife to actually reach the targets at the 100% payout level, and are managed in such a way as to limit the payouts significantly if CryoLife performance only comes near the targets.

The committee also noted that in 2009 and 2010, the named executives did not receive bonuses at the target level, and they also did not receive target bonuses for 2011. The committee believes that the incentive payouts have appropriately reflected actual performance.

Increases in Total Shareholders Equity. The committee also noted that total shareholders equity has more than doubled since December 31, 2006. We believe these numbers reflect strong improvements in shareholder value, particularly given CryoLife s low level of long-term debt and relatively low percentage of increase in outstanding shares.

Analysis of Equity Compensation Component. When assessing pay and performance alignment, CryoLife reviewed the *realizable value* of equity awards in comparison to their *grant value* as reported in the Summary Compensation Table. The committee believes that the reported grant value does not and has not historically reflected the value actually earned by executives. CryoLife s use of stock options has not provided significant realizable value to company executives over recent years but has nonetheless resulted in and is expected to continue to result in significant accounting costs to CryoLife. The committee identified this disconnect between the accounting cost and true economic value of stock option grants as a key area in which the alignment of CryoLife s executive compensation programs with CryoLife financial performance could be further strengthened. The following charts illustrate this point for our CEO, where the realizable value at the end of each fiscal year reviewed has averaged only 44% of each year s grant value and where the current realizable value is what should and does align with our long-term performance, whereby relatively lower shareholder returns have resulted in relatively lower value for executives. The tables below show the realizable value of the equity grants made in each of the last five fiscal years as a percentage of the original grant value of the awards. The percentages are shown as of the end of the fiscal year in which the grant was made in the first table and as of February 29, 2012 in the second table. We calculate the grant values of the equity awards based on the closing price of our common stock on the date of grant for restricted stock awards and the Black-Scholes value for option awards.

Pay For Performance Conclusions.

The committee believes that management and CryoLife as a whole have performed well over the past five years, especially given the extremely poor economic conditions facing the country as a whole. The committee remains disappointed that total shareholder return continues to lag behind the metrics they consider to be key indicators of CryoLife s health. Nonetheless, indicators of core CryoLife performance such as cash flow from operations and free cash flow have been consistently strong for the past several years, and the committee expects that the revenue and earnings growth that is expected to flow from the acquisitions and other strategic actions accomplished by the executive management team will ultimately return value to shareholders. Thus, while the committee will continue to monitor total shareholder return and to analyze whether or not underlying company performance issues have negatively impacted it, the committee has concluded that performance by both management and CryoLife as a whole remains strong.

The committee believes that CryoLife s executive compensation program is well structured and that it aligns pay with company performance. However, it has implemented several changes for 2012 (discussed in more detail in the Compensation

Discussion and Analysis), including the addition of performance shares as a portion of the annual long-term equity incentive grant and a tightening of threshold target levels under the annual bonus program; the committee believes these changes will further enhance the ability of the executive pay program to accomplish its objectives of aligning pay and performance and retaining a high-performing executive leadership team.

The committee and management hope to obtain shareholder support of our executive pay program as expressed through the 2012 say on pay vote, which we have adopted as an annual vote in order to obtain continuous and timely feedback. We urge you to read the accompanying Compensation Discussion and Analysis for a more detailed discussion of our executive pay decisions.

COMPENSATION DISCUSSION AND ANALYSIS

EXECUTIVE SUMMARY

Retaining and motivating high caliber executive and technical talent is important to the success of our business. The compensation committee of CryoLife s Board of Directors determines and approves the compensation of CryoLife s executive officers, including the named executive officers. The committee s fundamental philosophy is to provide competitive pay opportunities to our executives, while aligning pay outcomes with performance achievement that we believe will ultimately drive stock appreciation. The committee accomplishes this by linking our executive officers incentive compensation to both personal and company performance.

In making compensation decisions in 2011 and 2012, the committee was heavily influenced by the performance delivered by CryoLife management in recent years, despite a poor economy. CryoLife s cash flow from operations remained high and CryoLife grew revenues in 2011. This weighed heavily in the committee s setting of total overall compensation in February 2012. The committee also believes that although CryoLife s recent stock price reflects market uncertainties with respect to revenue and profit growth, these uncertainties are being addressed by management through select acquisitions and investments in CryoLife s future, including expanded research and development activities. Our named executive officers 2011 compensation package was designed to hold them accountable for our 2011 results, with a significant portion of total compensation paid in stock and stock options. In addition, CryoLife requires executives to hold a significant amount of company stock, which means that changes in the stock price are felt by executives. For example, the CEO, who founded CryoLife, owns over 6% of CryoLife s outstanding stock, and any changes in the value of the stock impact the value of his holdings along with those of all stockholders.

Set forth below is an overview of CryoLife s performance and pay results for the named executive officers for 2011, and a summary of the actions taken by the compensation committee for 2012, which were partially in response to the 2011 say on pay vote result. The remainder of this Compensation Discussion and Analysis provides additional details regarding CryoLife s executive compensation program, including the strategy, process and considerations for determining 2011 and 2012 executive compensation levels and the design of CryoLife s executive compensation programs and policies.

2011 PAY FOR PERFORMANCE OVERVIEW

2011 CryoLife Performance Results

The following are a few highlights regarding CryoLife s 2011 operating and financial performance and other accomplishments:

Record revenues of \$119.6 million, reflecting 3% growth over 2010

Fifth consecutive year of solid profitability

\$16.8 million of cash flow from operations

Executed on growth strategies and repurchased \$2.9 million of CryoLife common stock, with no material increase in debt or shares outstanding

Continued to position CryoLife for higher growth in larger addressable markets, as evidenced by the successful launch of BioGlue in Japan, the acquisition and integration of Cardiogenesis, the investment in ValveXchange, and the rollout of PerClot in international markets, and

Retained a strong balance sheet to enable the continued pursuit of business development opportunities to accelerate growth.

2011 Named Executive Officer Compensation Results

The performance results summarized above were reflected in our named executive officer compensation results for 2011 in the following primary ways:

Short-term incentive awards were earned at 86% of the target, based on achieving 96% of the adjusted revenue goal, 97% of the adjusted net income goal, and 100% of the individual performance goals

Equity awards granted in February 2011 had a higher grant value than the prior year, but were only worth 47% of their grant value by the end of the year, because the stock price decline reduced the value of the restricted stock awards and resulted in the stock options being underwater at year end, and

The value of equity owned and held by the named executive officers declined during the year, which was impactful to all executive officers, who are required to maintain a minimum level of stock ownership in accordance with CryoLife s stock ownership policy. The committee believes that these pay results were aligned with CryoLife s performance results for 2011, and reflect the strong performance orientation of CryoLife s pay programs and policies, as evidenced by the following highlights:

Over 50% of named executive officer target compensation is in the form of variable pay opportunities tied to individual or company performance or to shareholder value creation

The annual bonus targets are set at challenging levels that are designed to encourage business growth, as evidenced by the fact that although we came close to meeting the target levels of adjusted revenues and adjusted net income contained in our annual bonus plan, the plan only paid out at 86% of target

Short-term incentive opportunities are tied significantly to adjusted revenue and adjusted net income performance, both of which emphasize factors over which management is expected to have control and are key to incentivizing management to achieve company performance that will further our strategic business plan and ultimately deliver value to our shareholders

Long-term incentive opportunities are equity-based and include stock options, which only provide value to executives if the stock price increases beyond the grant date, and

Named executive officers have minimum stock ownership requirements to ensure a strong alignment between executives and shareholders and to encourage a long-term view of performance.

ACTIONS TAKEN SINCE 2011 SAY ON PAY VOTE

Pay For Performance Review

CryoLife s first non-binding say on pay vote passed by a vote of 73.1% for, with 26.9% voting against. While the committee appreciated the shareholder support received, the committee takes all negative votes seriously, and therefore initiated a fresh review of CryoLife s executive compensation programs and made changes to the pay program in 2012. As a part of this review, the committee undertook an expanded analysis of the link between executive pay and CryoLife performance, as described under Pay for Performance Review at page 19 of this Proxy Statement. Based on this review the committee made a number of changes in its pay program for CryoLife s named executive officers in order to tie the named executive officers even more closely to performance metrics the committee believes will lead to improved returns to shareholders.

2012 Executive Compensation Program Changes

After carefully considering the results of the pay for performance review discussed above, the committee directed and approved the following primary changes to the executive compensation program for 2012:

No salary increases for the named executive officers, other than the CEO, who is being provided a 3% salary increase per the terms of his employment contract

Returned the equity grant level to 2010 levels and modified the long-term incentive mix to add performance shares, resulting in a 2012 grant mix that is 1/3 options, 1/3 restricted stock and, using target levels, 1/3 performance shares

Adopted the measure of adjusted EBITDA for the new performance shares; the committee believes that adjusted EBITDA is a reasonable proxy for a measure of cash flow, but allows for adjustments to eliminate items that might provide improper incentives and items over which management has no control

Increased the required stock ownership levels for each of the named executive officers except Mr. Lee, in order to achieve a required ownership level equal to approximately 3x salary for the CEO and 1x salary for each other named executive officers, assuming a \$5.00 per share or higher stock price; (Mr. Lee s ownership requirement already met this standard), and

Adopted an executive stock holding requirement requiring executives to hold 50% of the net after tax shares received from option exercises and stock vesting until the executive is in compliance with the required minimum stock ownership level. A more detailed discussion of 2012 compensation decisions is set forth below under 2012 Executive Compensation Actions.

ROLES AND RESPONSIBILITIES

Compensation Committee

The Compensation Committee of CryoLife s Board of Directors determines and approves the compensation of CryoLife s executive officers, including the named executive officers. The committee is supported by the CEO, executive management, an independent consultant, and outside legal counsel. The committee regularly meets in executive session without the CEO or any members of management present.

Chief Executive Officer

The Chief Executive Officer regularly attends committee meetings and makes specific recommendations to the committee with respect to the compensation arrangements for executives, including the named executive officers. The CEO is not present during executive sessions of the committee.

Executive Management

The Chief Financial Officer, General Counsel, and Corporate Secretary often provide data and information to the committee in advance of committee meetings. The General Counsel regularly attends committee meetings, but is not present during executive sessions of the committee.

Independent Consultant

The committee has the authority to engage an independent compensation consultant to assist the committee with its responsibilities. The committee has engaged Pearl Meyer & Partners as its independent advisor. Pearl Meyer & Partners reports directly to the committee, is directed by the committee, and provides no other services to CryoLife. Pearl Meyer & Partners generally performs an annual review of executive and outside director compensation, analyses the relationship between executive pay and

company performance, informs the committee of emerging practices and trends, assists with special projects at the request of the committee, and regularly attends committee meetings.

PHILOSOPHY AND OBJECTIVES

The compensation philosophy of the committee is to provide competitive salaries and link the executive officers incentive compensation to the achievement of annual and long-term performance goals related to both personal and company performance without incentivizing excessive or inappropriate risk taking. Each primary element of compensation is intended to accomplish a specific objective, as summarized in the following chart:

Primary Component	Primary Purpose	Form	Performance Linkage
Base Salary	Provide sufficiently competitive pay to attract and retain experienced and successful executives	Cash	Salary adjustments are partially based on individual executive performance and partially based on other factors such as competitive market positioning and internal pay equity; in addition, CryoLife performance may impact the decision of whether or not any salary adjustments should be made
Short-Term Incentive	Encourage and reward individual contributions and aggregate company results with respect to meeting and exceeding our short-term financial and operating goals	Cash	Short-term incentive payouts are 100% performance-based, with 40% tied to adjusted revenue, 40% tied to adjusted net income, and 20% tied to individual executive performance
Long-Term Incentive	Encourage and reward long-term shareholder value creation, create and sustain a retention incentive, and facilitate long-term stock ownership among our executive team to further align executive and shareholder interests	Stock Options, Restricted Stock and Performance Shares	Stock options only deliver <i>realizable value</i> to executives if the stock price increases beyond the grant date. Restricted stock awards are less performance-based but their <i>realizable value</i> does change based on changes in CryoLife s stock price beyond the grant date. Performance shares are not issued and earned unless specific company performance is achieved.

COMPENSATION MIX

The committee does not specifically direct the proportion of total compensation that each of the primary components of the executive compensation program shall constitute, but generally intends to have more variable pay opportunities than fixed pay and to have more long-term incentive opportunities than short-term incentive opportunities. These objectives result in a pay program that should and does provide alignment between pay and performance. The following chart summarizes the target pay mix for the named executive officers for fiscal 2011 (dollars in thousands):

Primary Component	A	nderson	Lee	Seery	Burris	Heacox
Salary	\$	638	\$ 361	\$ 290	\$ 290	\$ 290
Short-Term Incentive (Target)	\$	383	\$ 217	\$116	\$ 116	\$ 116
Long-Term Incentive (Grant Date Fair Value)	\$	802	\$ 323	\$ 224	\$ 224	\$ 224
Total Target Compensation	\$	1,823	\$ 901	\$ 630	\$ 630	\$ 630
% Fixed ¹		35%	40%	46%	46%	46%
%Variable ¹		65%	60%	54%	54%	54%
% Short-Term Incentive ²		32%	40%	34%	34%	34%

% Long-Term Incentive ²	68%	60%	66%	66%	66%

¹ Percent of Total Target Compensation.

² Percent of Total Variable Pay Opportunity (Total Short-Term and Long-Term Incentive).

Long-term incentive grant date fair values are based on an award share price of \$5.12 and a Black-Scholes option value of \$2.54.

COMPENSATION BENCHMARKING

As part of its decision-making process, the committee requests and reviews relevant and credible benchmark data regarding executive compensation levels, company performance, and the relative relationship between executive pay and company performance. However, the committee views this data as one of many inputs into its decision-making process which also includes other assessments of the company s performance, assessments of each executive s performance, significant changes in roles and responsibilities, internal pay equity among executives, and retention considerations.

Each year, the committee reviews an executive compensation study prepared by its independent consultant, additional compensation survey data provided by management, internal equity information, and a tally sheet of all compensation paid to the named executive officers. The executive compensation study is generally completed in the 4th quarter of the year and is used to inform the committee s decisions regarding the subsequent year s compensation. Accordingly, the relevant study and market information reviewed by the committee with regard to 2011 executive compensation was prepared in September 2010 and presented to the committee in the 4th quarter of 2010. We refer to this study as the 2010 study. Comparative data in the 2010 study included data regarding the 2011 peer group, described in more detail below, and information provided by six compensation surveys of biotech and healthcare companies with targeted revenues of \$150 million, approximating the company s annual revenue. With respect to all named executive officers except Mr. Burris, the comparative compensation benchmarking data presented in the 2010 study was an even blend of the 2011 peer group and the compensation survey information. With respect to Mr. Burris, Pearl Meyer used only the compensation surveys. In each case, Pearl Meyer trended the compensation data forward to January 1, 2011 by a factor of 3.1%. We refer to the blended 2011 peer group and survey compensation data for all named executive officers except Mr. Burris, and the survey information with respect to Mr. Burris, as the 2011 peer group information.

The following companies comprised the peer group for the 2010 Study:

Abiomed, Inc. Atrion Corp. Enzon Pharmaceuticals, Inc. ev3, Inc.* Immucor, Inc. Kensey Nash Corporation Medical Action Industries, Inc. Micrus Endovascular Corp. Orthovita, Inc. RTI Biologics, Inc. Stereotaxis, Inc. Synovis Life Tech, Inc. Thoratec Corp.

 * ev3, Inc. became part of Covidien in July 2010, and its 2010 market cap information was not available for the September 2010 Pearl Meyer executive compensation study; however, its 2009 compensation information was available for inclusion in the study.
The following surveys were used for the 2010 Study:

Mercer U.S. Executive Compensation Database

Watson Wyatt Report on Top Management Compensation

Pearl Meyer & Partners, CHiPS Executive and Senior Management Total Compensation Survey, and

Radford Biotechnology Industry Survey (provided by CryoLife).

Both the peer companies and survey sources were recommended by the independent consultant and approved by the compensation committee. In approving the peer group, the compensation committee considered the fact that each company operated in a similar industry, with significant research and development requirements, and is highly regulated. The committee also considered and reviewed the revenue size of each company and the overall median for the group, and concluded that it was within a reasonable range of CryoLife s historical, current, and projected revenue. Nonetheless, the compensation committee reviews and considers changes to the peer group and survey sources at the onset of each year s study. This is done to ensure that the peer group and survey sources continue to reflect the most appropriate reference point for CryoLife. The 2011 peer group had median 2009 revenues of \$101 million and median market capitalization of \$266 million.

COMPENSATION COMPONENTS (2011)

The primary components of CryoLife s executive compensation program are base salary, short-term incentives, and long-term incentives. CryoLife also provides executives with tax-deferred savings opportunities, participation in company-wide benefits programs, and limited perquisites.

When reviewing and approving any changes to executive compensation levels, the committee generally requests, reviews, and considers the following primary information:

The performance of CryoLife, absolute and relative to industry peers

The performance of each individual executive

Each executive s recent compensation history with CryoLife Three-year tally sheet

Internal equity among the executive team members

Changes in the roles and responsibilities of the executives, including promotions

Each executive s stock ownership level relative to the existing stock ownership guideline

The positioning of each executive s compensation relative to benchmark data provided by the committee s independent consultant and management

The extent of existing performance and retention incentives provided by outstanding equity awards, and

Any contractual guarantees or limitations.

Base Salary

The committee generally reviews base salary levels each February as part of its overall review and approval of the executive compensation program. Based on its review in late 2010 and early 2011, the committee approved the following increases to executive base salaries for 2011:

Executive	2010	2011	% Increase	Primary Rationale ^{1,2}
Anderson	\$619,229	\$ 637,806	3%	Standard market increase
Lee	\$ 350,897	\$ 361,424	3%	Standard market increase
Seery	\$ 275,000	\$ 290,000	5.5%	Standard market increase plus below market adjustment
Burris	\$275,000	\$ 290,000	5.5%	Standard market increase plus below market adjustment
Heacox	\$ 281,589	\$ 290,037	3%	Standard market increase

¹ More detailed information provided in the Analysis section below.

² Standard market increase projection for the life sciences industry was provided by the committee s independent consultant. Analysis

In arriving at its decision to approve the base salary increases outlined above, the committee took into consideration the following primary factors and analyses:

None of the named executive officers except Mr. Burris had received a salary increase since 2008, and prior to 2008 Mr. Anderson had not received a salary increase since 2001

Mr. Anderson had been entitled to a base salary increase in 2010 of 1.8%, or \$11,146, pursuant to his employment contract, but had waived it; pursuant to his employment contract, he was entitled to at least a 1.03% increase in 2011

CryoLife s operating and financial performance was reasonably strong relative to peers on key measures such as EBIT, Net Income, EPS, and Return on Capital

Management continued to demonstrate progress in positioning CryoLife for future success, and maintained a strong cash flow while completing significant business and technology acquisitions

The expected median executive-level salary increase for the life sciences industry was reported to be 3.0% by the committee s independent consultant

Mr. Seery and Mr. Burris were below the market 50th percentile data provided by the committee s independent consultant

The total annual cost of the salary increases was \$67,552

With respect to Messrs. Lee and Seery, that their responsibilities significantly exceed those of the comparable positions utilized for comparison purposes in the peer group information, and

After adoption of the salary increases, the aggregate pay positioning against market benchmarks for the named executive officers was within a competitive range of the 50th percentile for each named executive officer except Mr. Anderson, as set forth below:

Executive	CRY 2011	Peer M	ledian	CRY vs. Median	Primary Rationale
Anderson	\$ 637,806	\$ 48	80,000	133%	Company founder with 30 years experience
Lee	\$ 361,424	\$ 33	80,000	110%	Within a competitive range of the 50 th percentile ³
Seery	\$ 290,000	\$ 29	0,000	100%	Within a competitive range of the 50 th percentile ³
Burris	\$ 290,000	\$ 31	0,000	94%	Within a competitive range of the 50 th percentile ³
Heacox	\$ 290,037	\$ 30	5,000	95%	Within a competitive range of the 50 th percentile ³

¹ Based on the 2011 peer group information.

² Mr. Anderson s minimum base salary is set per the terms of his employment contract; see Short Term Incentives below for a discussion of the committee s rationale in allocating Mr. Anderson s cash and equity compensation.

³ Competitive range recommended by Pearl Meyer and agreed to by the committee as 90-110% of the peer group 50th percentile.

Discussion regarding the composition of Mr. Anderson s pay, his cash to equity ratio, and the setting of his and the other officers target total cash compensation, is presented below under <u>Short-Term Incentives</u>. In addition to the committer s desire to bring Mr. Seery s base salary closer to the median of the 2011 peer group information, his 5.5% increase was based on internal equity concerns and the fact that his last salary increase prior to 2008 was in 2005.

Short-Term Incentives

The committee generally establishes the short-term incentive plan design, performance measures, and performance goals in the first quarter as part of its overall review and approval of CryoLife s executive compensation program. For the 2011 short-term incentive plan, the compensation committee approved the following measures, weights, and performance goals:

		2011 Performance Goals					
Performance Measure	Weight	Threshold	Target	Maximum			
Adjusted Revenue	40%	\$113,492,000	\$122,694,000	None			
Adjusted Net Income	40%	\$ 19,385,600	\$ 24,232,000	None			
Individual Goals	20%	N/A	Customized	N/A			

For 2011, the performance measures and weights remained the same, but the following changes were made:

Adjusted revenue and adjusted net income were redefined as described below

The threshold for adjusted revenue was decreased to 92.5% of target and the threshold payout was reduced, in light of target goals that the committee viewed as reasonably challenging, and

The individual goals component was changed from a ratable scale tied to a numeric performance rating to an all or nothing mechanism tied to meeting or exceeding expectations.

In defining adjusted revenue, the committee chose to include revenue sources that most closely related to CryoLife s ongoing operations and exclude revenue sources that were expected to be discontinued or deemphasized. This resulted in the inclusion of PerClot and Cardiogenesis revenues and the removal of HemoStase revenues. With respect to adjusted net income, the committee chose to exclude items over which management had limited control or which were volatile or difficult to predict. This resulted in the exclusion of licensing, business development and business integration costs, and litigation expenses, in addition to the items excluded in the 2010 short-term incentive plan. The use of these non-GAAP, adjusted performance measures in the short-term incentive plan was intended to create a stronger performance incentive by focusing on controllable variables within the core business and to minimize unintended consequences by excluding items that were highly variable or difficult to predict during the goal-setting process. Furthermore, the equity-based long-term incentive component of the pay package aligns executives with the unadjusted performance of CryoLife, to the extent that such results are reflected in changes in CryoLife s stock price. The committee removed the maximum ceilings on the adjusted revenues and adjusted net income bonuses in order to ensure that maximum incentives to increase revenues and net income were in place. See Appendix B for additional information regarding these non-GAAP performance

Unlike most years when the performance measures and goals are approved in February, the committee did not approve the 2011 financial performance goals until May, and did not approve the individual performance goals until July. These delays were due to the pending Cardiogenesis acquisition and the changes being made to the operation of the individual goals component. The committee believes that the delayed goal setting was necessary and appropriate in order to ensure that the goals remained reasonable and effective following the Cardiogenesis acquisition, and to provide adequate time to restructure the individual performance component.

The following tables show the award opportunities for the named executive officers as approved by the compensation committee for the 2011 short-term incentive plan:

	2011 Awar	2011 Award Opportunities (% of Salary) 2011 Award Opportu			rd Opportunity	(\$ Value)
Executive	Threshold	Target	Maximum	Threshold	Target	Maximum
Anderson	24%	60%	None	\$ 191,342	\$ 382,684	None
Lee	24%	60%	None	\$ 108,427	\$ 216,854	None
Seery	12%	40%	None	\$ 58,000	\$116,000	None
Burris	12%	40%	None	\$ 58,000	\$ 116,000	None
Heacox	12%	40%	None	\$ 58,007	\$116,015	None

The award opportunities as a percent of base salary were unchanged from 2010.

Analysis Plan Design

In arriving at its decision to approve the 2011 short-term incentive plan design, measures, and goals, the committee took into consideration the following factors and analyses:

A general satisfaction with the core plan design

A belief that adjusted revenue and adjusted net income are key to incentivizing management to achieve company performance that will further our strategic business plan and ultimately deliver value to our shareholders, without encouraging excessive risk taking

The plan s similarity to the short-term incentive plan designs of peer companies

CryoLife s 2010 performance, and the degree of improvement required by the 2011 goals

The recent historical payout levels having been below target, which the committee believed indicated that performance goals over the last few years had been set at reasonably challenging levels, and

The resulting market competitiveness of target total cash compensation salary + target short-term incentive opportunity, as set forth below:

Executive	CRY 2011	Peer Median ¹	CRY vs. Median	Primary Rationale
Anderson	\$ 1,020,489	\$ 710,000	144%	Company founder with 30 years experience
Lee	\$ 578,279	\$ 495,000	117%	Dual role/contribution as COO and CFO ³
Seery	\$ 406,000	\$ 375,000	108%	Within a competitive range of the 50 th percentile ³
Burris	\$ 406,000	\$ 450,000	90%	Within a competitive range of the 50 th percentile ³
Heacox	\$ 406,052	\$ 450,000	90%	Within a competitive range of the 50 th percentile ³

¹ Based on data provided by the Committee s independent consultant (2010 study).

² See the analysis below for additional discussion of the committee s rationale in allocating Mr. Anderson s cash and equity compensation.

³ Competitive range recommended by Pearl Meyer and agreed to by the committee as 90-110% of the peer group 50th percentile.

The following table shows the performance results for 2011 and the actual amount of short-term incentive paid to each named executive officer:

		Actual	Target	Performance % of	Payout % of
Performance Measure	Weight	Performance	Performance	Target	Target
Adjusted Revenue	40%	\$ 117,481,000	\$ 122,694,000	96%	72%
Adjusted Net Income	40%	\$ 23,588,000	\$ 24,232,000	97%	93%
Individual Goals	20%	Meets/Exceeds	Customized	100%	100%

Weighted Avg Payout % of Target

			Actual
	Actual	Target	% of
Executive	Payout	Payout	Target
Anderson	\$ 329,155	\$ 382,683	86%
Lee	\$ 186,521	\$ 216,855	86%
Seery	\$ 99,774	\$ 116,000	86%
Burris	\$ 99,774	\$ 116,000	86%
Heacox	\$ 99,787	\$ 116,015	86%

The committee sets bonus amounts in conjunction with a review of base salaries, as part of the overall target total cash compensation. The 2011 peer group information showed actual total cash compensation for 2009, including the 2009 bonus paid in 2010, had been above the 75th percentile for Mr. Anderson and near or above the 50th percentile for the other named executive officers, other than Mr. Burris, whose actual total cash compensation was near the 25th percentile. This positioning relative to the peer group information with respect to total cash compensation was primarily the result of the large bonuses paid in February 2010 for the company s exceptional 2009 performance. The committee concluded that this type of exceptional payment for exceptional performance was appropriate and should be carried forward in the design of the 2011 program, with the changes discussed above. The committee also determined that its increase in Mr. Burris s base salary would continue to bring his total cash compensation closer to the 50th percentile. The 2011 peer group information also showed that target total cash compensation for 2011 was above the 75th percentile for Mr. Anderson, between the 50th percentile and the 75th percentile for Mr. Lee and Mr. Seery, and between the 25th percentile and the 50th percentile for Dr. Heacox and Mr. Burris. The committee considered these levels to be appropriate, given the committee s general desire to target pay near the peer group median. Mr. Anderson s targeted total cash compensation was an outlier at above 75%, due to the relatively higher cash to equity ratio of his compensation package, as explained in more detail below.

The committee has focused on ensuring that Mr. Anderson s total compensation, excluding the special one-time equity grant in February 2011, is near the median of the peer group information. Mr. Anderson s overall pay composition reflects a relatively high cash to equity ratio, however,

86%

and the committee believes that this is appropriate. There are many factors that suggest that it may be appropriate for Mr. Anderson s pay to feature relatively less equity than that of other CEOs. Mr. Anderson is 73 years old and has served as CryoLife s CEO for almost thirty years. Further, Mr. Anderson is already one of CryoLife s largest stockholders,

beneficially owning over 6% of CryoLife s shares as of March 19, 2012. Once Mr. Anderson retires, he will be entitled to sell all of these shares into the open market. These facts raise multiple issues. First, weighting Mr. Anderson s pay too heavily toward equity could make it more attractive for him to retire sooner than the Board deems to be in CryoLife s best interest if he deems it desirable to do so in order to convert those shares to cash. Second, once Mr. Anderson retires, not only will he be entitled to sell all of his shares into the market, but he will not be subject to any volume limitations. Thus, there is a reasonable possibility that following his retirement, significant blocks, or even all, of his shareholdings may be sold into the market at once. Finally, CryoLife has a limited number of shares available for use as equity compensation. Obviously, if more equity is awarded to Mr. Anderson, there is less available to reward to the junior officers. Reducing the size of Mr. Anderson s equity awards as compared to the median of the peer group information will necessarily produce a proportionately higher amount of cash pay, if the target total direct compensation is to remain at a competitive level. It is also the case that the bonus to salary ratio of Mr. Anderson s target total cash compensation is higher than that of the other officers, other than the Chief Financial Officer, meaning that a higher percentage of his cash pay is at risk and is subject to performance criteria. The committee believes that this is appropriate in light of his overall cash to equity ratio discussed above.

The committee also noted with respect to Messrs. Lee and Seery that their responsibilities significantly exceed those of the comparable positions utilized for comparison purposes in the peer group information. Mr. Lee s direct reports include the information technology and manufacturing functions, in addition to finance. Mr. Seery s direct reports include the vast majority of the European subsidiary, shipping and tissue procurement, in addition to sales and marketing.

The committee adopted management s adjusted revenue and adjusted net income performance targets and payout levels as proposed without modification and lowered both the adjusted revenue threshold relative to target and the threshold payout percentage in light of target levels that it viewed as reasonably challenging. Management based the changes in performance target levels on CryoLife s projections provided to the public. Individual target bonus percentages were carried forward from the 2010 bonus program; however, the criteria required to earn the bonus was simplified to a meets or exceeds standard from the prior 1 5 point system. This change was developed jointly by management and the committee. The committee believes that the new system simplifies the determination and minimizes the impact of subtle differences in performance. The committee also believes that the 2011 bonus target percentages provided each executive with a proper bonus potential given his position with and importance to CryoLife and that the bonus opportunities were appropriately sized based on 2011 peer group information and the internal pay equity information reviewed by the committee.

Analysis Plan Payout

In arriving at its decision to approve the 2011 short-term incentive payouts in early 2012, the committee took into consideration the following:

The actual performance results of CryoLife relative to the pre-determined performance goals

The actual performance of each individual relative to the pre-determined performance goals, whereby the CEO assessed the performance of each named executive officer other than himself, and the committee, in conjunction with the Nominating and Corporate Governance Committee, assessed the performance of the CEO, and

In addition to general subjective considerations, the committee members approved Mr. Anderson s individual performance bonus, as part of its joint review conducted with the Nominating and Corporate Governance Committee, based on his performance with respect to the following pre-established performance goals:

Complete integration of Cardiogenesis

Establish pilot shop manufacturing for PerClot IDE submission

Reorganize Sales and Marketing to Maximize Marketing and Distribution of PerClot and Cardiogenesis products

Initiate autogenous stem cell clinical trial

Continue to evaluate cardiovascular companies for potential acquisition, and

Implement programs for increasing shareholder value.

The committee and the Nominating and Corporate Governance Committee also evaluated Mr. Anderson with respect to CryoLife s success in achieving certain financial performance goals. Although the committee determined that these financial performance goals had not been achieved, it nonetheless agreed that Mr. Anderson s performance with respect to achieving and taking positive steps to achieve the other criteria described above resulted in his overall performance meeting or exceeding the committee s expectations.

Long-Term Incentives

The committee generally determines the size, form, and provisions of any equity-based long-term incentive awards each February as part of its overall review and approval of CryoLife s executive compensation program. However, the committee does generally adhere to a policy of not granting equity-based compensation awards at times when insiders are in possession of material non-public information. One notable exception to this policy is with respect to equity grants to new hires, which can be made as of the hire date, provided that management discloses to the committee at the time of grant any material non-public information. In all other instances, in the event the committee approves the grant of an option or equity award at a time when it is in possession of material non-public information, it is the committee s general policy to delay the grant and pricing of the option and/or issuance of the equity award until a date after the public dissemination of all such material non-public information.

In recent years, the committee has approved annual grants of stock options and restricted stock, although in 2012, the committee added performance shares to the mix. See 2012 Executive Compensation Actions below. The committee believes that this blend appropriately balances the performance, shareholder alignment, and retention objectives of CryoLife s long-term incentive program. Furthermore, the use of stock options and restricted stock is a prevalent practice among industry peers, and the annual grant frequency results in more continuous performance and retention strength by reflecting changes in the stock price year over year. In May 2011, the committee recommended and the Board approved an amendment to the 2004 Employee Stock Incentive Plan, and the committee approved a corresponding amendment to options to purchase 247,200 shares of common stock held by Mr. Lee, to allow Mr. Lee s options to be exercised pursuant to a net exercise method that does not require the delivery of cash or stock.

For 2011, the committee approved the following grants to the named executive officers:

	Gra	Grant Level (# of Shares)			Grant Value			
Executive	Stock Options ¹	Restricted Stock ²	Total	Stock Options ³	Restricted Stock ⁴	Total		
Anderson	157,333	78,667	236,000	\$ 399,626	\$ 402,775	\$ 802,401		
Lee	63,333	31,667	95,000	\$ 160,866	\$ 162,135	\$ 323,001		
Seery	44,000	22,000	66,000	\$ 111,760	\$ 112,640	\$ 224,400		
Burris	44,000	22,000	66,000	\$ 111,760	\$ 112,640	\$ 224,400		
Heacox	44,000	22,000	66,000	\$ 111,760	\$ 112,640	\$ 224,400		

¹ Stock options vest 1/3 per year following the grant date.

² Restricted stock cliff vests three years following the grant date.

³ Stock Options valued using a Black-Scholes Option Pricing Model with a value of \$2.54.

⁴ Restricted Stock valued using the grant date closing stock price of \$5.12.

The size and grant value of the 2011 equity grants were higher than the 2010 grants, but the grant mix remained 2/3 stock options and 1/3 restricted stock, based on number of shares :

	Grant Level (Total # of Shares)			Grant Value			
Executive	2010	2011	% Change	2010 ¹	2011 ²	% change	
Anderson	125,000	236,000	89%	\$ 542,918	\$ 802,401	48%	
Lee	50,000	95,000	90%	\$ 217,168	\$ 323,001	49%	
Seery	35,000	66,000	89%	\$ 152,018	\$ 224,400	48%	
Burris	35,000	66,000	89%	\$ 153,184	\$ 224,400	46%	

Heacox	35,000	66,000	89%	\$ 152,018	\$ 224,400	48%

¹ Based on a Stock Option Value (Black-Scholes) of \$3.37 and a Restricted Stock Value (grant date closing stock price) of \$6.29, except with respect to a restricted stock award granted on February 16, 2010 to Mr. Burris that had a Restricted Stock Value (grant date closing stock price) of \$6.39.

² Based on a Stock Option Value (Black-Scholes) of \$2.54 and a Restricted Stock Value (grant date closing stock price) of \$5.12. *Analysis*

In approving the 2011 equity grants, the committee took into consideration the following factors and analyses:

The relatively strong performance of CryoLife on key financial and operating measures such as EBIT, Net Income, EPS, and Return on Capital relative to industry peers

The size, grant value, and current realizable value of prior year grants to each executive, whereby the current realizable value was significantly below the grant value

The belief that equity grants from prior years were providing limited near-term performance and retention strength given the decline in CryoLife s stock price, and that restoring near-term performance and retention incentives was a reasonable and appropriate objective given CryoLife s relatively strong operating results and management s continued progress toward positioning CryoLife for future success

The availability of shares under CryoLife s various equity plans, and the desire to ensure that the share availability would cover at least two years of grants to all eligible employees (2011 and 2012 grants)

The commitment to return to 2010 numerical grant levels in 2012, meaning that the 2011 equity grant levels were intended as a one-time, intentional increase in the size of the annual equity grant

The fact that 2/3 of the equity awards granted were in the form of stock options, and that these options would only deliver value to executives if the stock price increased beyond the grant date, and

The market positioning of target total direct compensation (salary + target short-term incentive + estimated long-term incentive grant value), as described below.

Executive	CRY 20111	Peer Median ²	CRY vs. Median	Primary Rationale
Anderson	\$ 1,636,000	\$ 1,405,000	116%	Company founder with 30 years experience
Lee	\$ 826,000	\$ 905,000	91%	Within a competitive range of the 50 th percentile ⁴
Seery	\$ 578,000	\$ 575,000	101%	Within a competitive range of the 50 th percentile ⁴
Burris	\$ 578,000	\$ 715,000	81%	Below a competitive range of the 50 th percentile ⁴
Heacox	\$ 578,000	\$ 710,000	81%	Below a competitive range of the 50 th percentile ⁴

¹ Based on 2011 base salary, assumed 2011 bonus targets equal to 2010 percentage of salary amounts and 2011 equity grant values estimated at \$5.11 per share for restricted stock and \$1.36 per stock option (estimates provided by the committee s independent consultant in a January 2011 update to the 2010 study); actual charges incurred for the 2011 grants, which were not available at the time of grant, were \$5.12 per share of restricted stock and \$2.54 per option.

- ² Based on data provided by the committee s independent consultant (the 2010 study).
- ³ Furthermore, Mr. Anderson s minimum base salary is set per the terms of his employment contract. See Short-Term Incentives above for a discussion of the committee s rationale in allocating Mr. Anderson s cash and equity compensation.

⁴ Competitive range recommended by Pearl Meyer and agreed to by the committee as 90-110% of the peer group 50th percentile.

For comparison purposes, excluding the value of the estimated one-time portion of the 2011 long-term incentive awards, market positioning of target total direct compensation was as follows:

Executive	CRY 2011 ¹	Peer Median ²	CRY vs. Median	Primary Rationale
Anderson	\$ 1,347,000	\$ 1,405,000	96%	Within a competitive range of the 50 th percentile; Company founder with 30 years experience
Lee	\$ 709,000	\$ 905,000	78%	Below a competitive range of the 50 th percentile ⁴
Seery	\$ 497,000	\$ 575,000	86%	Below a competitive range of the 50 th percentile ⁴
Burris	\$ 497,000	\$ 715,000	70%	Below a competitive range of the 50 th percentile ⁴
Heacox	\$ 497,000	\$ 710,000	70%	Below a competitive range of the 50 th percentile ⁴

¹ Based on 2011 base salary, assumed 2011 bonus targets equal to 2010 percentage of salary amounts and 2011 equity grant values estimated at \$5.11 per share for restricted stock and \$1.36 per stock option (estimates provided by the committee s independent

consultant in a January 2011 update to the 2010 study); actual charges incurred for the 2011 grants, which were not available at the time of grant, were \$5.12 per share of restricted stock and \$2.54 per option. We calculated the estimated value of the one-time portion of the 2011 grant as the value of the number of shares and options granted in excess of the number of shares and options granted in 2010.

- ² Based on data provided by the Committee s independent consultant (the 2010 study).
- ³ Furthermore, Mr. Anderson s minimum base salary is set per the terms of his employment contract. See Short-Term Incentives above for a discussion of the committee s rationale in allocating Mr. Anderson s cash and equity compensation.
- ⁴ Competitive range recommended by Pearl Meyer and agreed to by the committee as 90-110% of the peer group 50th percentile.

The committee determined vesting schedules in consultation with Pearl Meyer and believes that they provide the appropriate long-term incentive for continued employment. The committee also approved the amendments regarding payment of withholding taxes on restricted stock and the net exercise of Mr. Lee s options in order to provide additional liquidity to Mr. Lee and the restricted stock holders and to ensure that the vesting of the restricted stock and the exercise of Mr. Lee s options not place financial strains on them.

In assessing the effectiveness of the larger 2011 equity grant at the time of this writing of the Compensation Discussion and Analysis, the committee considered that these awards are not yet close to delivering their reported grant value given the performance sensitivity of the stock option component to changes in CryoLife s stock price, and the fact that CryoLife s stock price has only recently begun to rise above the grant date stock price of the stock options, as illustrated in the tables below:

	Grant Value on		Realizable Value Feb 29.		Realizable Value % of Grant Value Feb 29,		
Executive	G	rant Date ¹	FYE 2011 ²	2012 ³	FYE 2011 ²	20123	
Anderson	\$	802,401	\$ 377,602	\$ 480,655	47%	60%	
Lee	\$	323,001	\$ 152,002	\$ 193,485	47%	60%	
Seery	\$	224,400	\$ 105,600	\$ 134,420	47%	60%	
Burris	\$	224,400	\$ 105,600	\$ 134,420	47%	60%	
Heacox	\$	224,400	\$ 105,600		47%		

- ¹ Based on a closing stock price of \$5.12 with respect to restricted stock and a Black-Scholes value of \$2.54 per option.
- ² Based on CryoLife s closing stock price on 12/31/11 of \$4.80.
- ³ Based on CryoLife s closing stock price on 2/29/12 of \$5.45, except for Dr. Heacox, whose option was not outstanding on 2/29/12 due to his retirement on 12/31/11.

Although the committee believes that the 2011 equity grants will eventually deliver their estimated grant date value as CryoLife s stock price increases, it is also true that the reported grant value significantly exceeds the current realizable value of these awards.

Deferred Compensation

In December 2010, the committee approved the CryoLife, Inc. Executive Deferred Compensation Plan, effective December 1, 2010 for compensation deferrals in 2011 and later years. The plan allows certain key employees of CryoLife, including the named executive officers, to defer receipt of some or all of the plan participant s salary and/or the cash portion of any bonus awarded pursuant to the executive incentive plan or in lieu thereof. The plan s administrative committee, subject to ratification and approval of the compensation committee, establishes the maximum and minimum percentages of bonus awards that plan participants may defer in each plan year. These percentages were from zero to 75% for base salary and from zero to 100% for the annual cash bonus for 2011. Plan participants establish their respective deferral amounts for their base compensation prior to each plan year, which is the calendar year, and prior to July for their bonus compensation for that year, which is paid and calculated after the completion of the plan year.

The plan provides for tax-deferred growth of deferred compensation and, pursuant to the terms of the plan, CryoLife agrees to return the deferred amounts, either credited or debited with gains and/or losses based on investment fund options chosen by each respective plan participant, to the plan participants upon distribution. The plan does not provide for an investment option that pays an above-market interest rate. Distribution of all deferred compensation, including any gains or losses, occurs upon death, disability, retirement or termination. Also, a plan participant may elect to receive distributions while still employed by CryoLife if at least two years have elapsed from the plan participant is still employed by CryoLife and distributions made pursuant to termination will be paid in a lump sum to the plan participant. With respect to death, disability and retirement, plan participants may choose to receive the distribution in lump sum, quarterly or annual installments for a specified period, or a combination thereof.

Hardship withdrawals during any plan year may be made upon the occurrence of an unforeseeable emergency for a particular plan participant or if a plan participant receives a hardship distribution under CryoLife s 401(k) plan. All deferred amounts and deemed earnings thereon are vested at all times. CryoLife has no current plans to match any contributions of any executive officers.

Perquisites

It is CryoLife s policy not to provide perquisites to its officers without prior committee approval. To the extent that perquisites are incidental to a business-related expense, such as personal use of a business club, the named executive officers are generally required to reimburse CryoLife for any incremental cost. Other than these incidental personal benefits, none of our executives receive any perquisites that are not also provided on a non-discriminatory basis to all full-time employees, except for Mr. Anderson, whose compensation is discussed at Employment and Change of Control Agreements Steven G. Anderson at page 37, and who has received reimbursement for certain litigation expenses, and except for supplemental disability insurance and airline club memberships we provide for each named executive officer. In keeping with CryoLife s practice with respect to all full-time employees, executive officers are also eligible to receive certain one-time benefits upon achieving employment milestones, including receiving \$5,000 towards a vacation and two weeks additional vacation upon reaching 15 years of service with CryoLife, \$10,000 towards a vacation and two weeks additional vacation upon reaching 20 years of service with CryoLife, and two weeks additional vacation upon reaching 25 years of service with CryoLife. The supplemental disability insurance is designed, in conjunction with CryoLife s group disability benefits for most employees, to provide each of CryoLife s officers, including the named executive officers, approximately 67% income replacement, calculated based on the most currently available salary and bonus information at the time of approval in May 2011, other than Mr. Anderson. Mr. Anderson s income replacement level is approximately 28%. The supplemental insurance provides for a maximum monthly benefit of \$5,000 per officer other than for Mr. Lee, whose maximum monthly benefit is approximately \$12,000, in addition to amounts paid by the generally available disability policy. The supplemental insurance also extends the benefit payment period for disability that occurs between the ages of 69 and 75 from one year to two years. The committee approved this supplemental insurance upon the recommendation of management and based on the committee s belief that this insurance was appropriate, cost effective, and consistent with the benefits provided by CryoLife s peers.

Employment and Change of Control Agreements

Previously, each of the named executive officers was a party to an employment agreement with CryoLife. During 2008, the committee determined that CryoLife should enter into change of control agreements with each of the corporate officers, other than Mr. Anderson, as their employment agreements expired, rather than extending their existing employment agreements or entering into new employment agreements. For a description of the terms of the change of control agreements and Mr. Anderson s employment agreement, see Employment and Change of Control Agreements beginning at page 37.

Employment Agreement with Mr. Anderson

In May 2007, the committee began a formal review of Mr. Anderson s employment agreement, which was scheduled to expire in September 2008 unless notice of non-renewal was given in August 2007. The committee and the Board approved an amendment and restatement of Mr. Anderson s agreement in July 2007. The committee approved amendments to Mr. Anderson s employment agreement in 2008 in order to bring it into compliance with Section 409A of the Internal Revenue Code of 1986, as amended, and the regulations thereunder. The committee approved additional amendments to Mr. Anderson s employment agreement in 2009. The terms of Mr. Anderson s amended and restated employment agreement are summarized at Employment and Change of Control Agreements Steven G. Anderson at page 37. Pursuant to the agreement, Mr. Anderson will receive certain compensation upon termination of his employment, other than for cause or upon death, and upon a change of control of CryoLife. The potential payments that could result under each scenario are described at Potential Payments Upon Termination or Change of Control starting on page 64. The committee did not amend or otherwise modify Mr. Anderson s employment agreement is scheduled to expire at the end of fiscal 2012, and the committee has begun a comprehensive review of the agreement with a view toward finalizing a new agreement prior to the end of fiscal 2012.

Analysis

The committee has begun a review of Mr. Anderson s employment agreement with a goal of approving a new agreement prior to the end of fiscal 2012.

Previously, Mr. Anderson s employment agreement contained a provision that paid a severance to him upon his retirement at will equal to two times his salary and bonus, referred to herein as the retirement payment. The committee believed that this was appropriate in light of the fact that CryoLife does not provide any pension or similar retirement plan for Mr. Anderson. In 2007, the

committee began a review of Mr. Anderson s employment agreement with its primary goal being to remove the automatic renewal feature from the contract and to modify or remove the retirement payment, in addition to clarifying certain language contained in Mr. Anderson s employment agreement. Due to the variability of Mr. Anderson s bonus, which was approximately \$590,000 for 2006 and \$0 for 2005, CryoLife had taken an increased accounting charge for Mr. Anderson s retirement payment during the first quarter of 2007 and would be faced with additional charges in the future should Mr. Anderson s salary and/or bonus increase. In addition, due to the application in prior years of provisions in Mr. Anderson s agreement limiting severance payments to three years of salary, bonus, and guaranteed payments, the amount payable to Mr. Anderson upon retirement would have increased on January 1, 2008 by approximately \$460,000, and CryoLife would have incurred an equivalent charge to earnings. The committee was also concerned that future increases in Mr. Anderson s annual bonuses could trigger still further additional charges.

Preliminarily, Mr. Anderson and the committee agreed to eliminate the retirement payment, believing that the \$1,985,000 then accrued by CryoLife for this payment would be reversed, positively impacting earnings; however, upon discussing the proposed accounting treatment with CryoLife accounting staff, the committee learned that the \$1,985,000 charge would not be reversed through earnings, but would merely increase paid-in capital. Because the financial statement benefit would not be forthcoming, and because, as noted above the committee believed at that time, as it continues to believe, that it is appropriate for Mr. Anderson to receive a retirement payment in light of the fact that he has no pension or similar retirement benefits, the committee determined to attempt to freeze the retirement payment, regardless of any future increases in his salary or bonus. The committee also determined, based on the advice of its former compensation consultant, Mercer, to offer him a fixed-term contract and to remove the automatic renewal feature. The then-existing committee believed that the achievement of these goals justified the additional benefits negotiated by Mr. Anderson, including an agreement that the retirement payment would become due at the end of the agreement s term (currently December 31, 2012) if Mr. Anderson s employment with CryoLife terminates at that time, a cost of living increase in his annual salary, and clarification that any change of control retention payment would not be subject to the quantitative limitation on severance payments.

In determining Mr. Anderson s severance and change of control benefits, the committee considered a number of factors, including an April 2007 Mercer review and analysis of Mr. Anderson s prior employment agreement and discussions by Mercer in that analysis of how the terms of his employment agreement related to those that Mercer believed were customary in the marketplace. After reviewing this analysis, discussing the agreement with Mercer, and considering what benefits were appropriate for Mr. Anderson, given his importance to CryoLife, the committee approved the severance, retirement, and change of control benefits described at Potential Payments Upon Termination or Change of Control starting on page 64. The committee particularly considered its belief that a takeover attempt of CryoLife was a realistic possibility. The committee s goal in determining appropriate change of control benefits was for Mr. Anderson to be comfortable enough with his treatment following a change of control that he would be able to address a potential takeover attempt without concern as to how it might negatively impact him personally, and would not feel the need to seek other employment due to his perception that a change of control is pursued, the committee wished to provide him with an appropriate incentive to further a change of control that might be in the best interests of the stockholders. As a result, the committee determined that a change of control payment that was not conditioned on termination of employment was appropriate for Mr. Anderson at that time.

Change of Control Agreements with non-CEO Officers Description and Analysis

As noted, CryoLife has entered into change of control agreements with each of the named executive officers other than Mr. Anderson. The material terms of those agreements are described elsewhere in this proxy statement under Employment and Change of Control Agreements, beginning on page 37.

It is the committee s intent that provisions in the change of control agreements regarding an executive s termination following or in anticipation of a change of control preserve executive morale and productivity and encourage retention in the face of the disruptive impact of an actual or rumored change of control of CryoLife. In addition, these provisions align executive and stockholder interests by allowing executives to consider corporate transactions that are in the best interests of CryoLife s stockholders and other constituents without undue concern over whether the transactions may jeopardize the executive officers to encourage a change of control. Finally, the provisions protect stockholder interests in the event of a change of control by helping increase the likelihood of management continuity through the time of the change of control, which could improve company performance and help maintain stockholder value.

The committee has reviewed the potential costs associated with the gross-up payments called for by the change of control agreements and has determined that they are fair and appropriate for several reasons. The excise tax tends to penalize employees who defer compensation, as well as penalizing those employees who do not exercise options in favor of those who do. In addition, the lapse of restrictions and acceleration of vesting on equity awards can cause an executive to incur excise tax liability before actually receiving any cash severance payments. The committee believes that CryoLife s financial exposure pursuant to the gross-up provisions of the change of control agreements is limited. This is due to the provision of the agreements that limits aggregate severance, separation and similar payments pursuant to the agreements to the equivalent of the officer s salary, bonus, and guaranteed benefits paid during the three (3) completed fiscal years ended prior to the date of the termination of the officer s employment. In addition, the committee believes that the gross-up payments are necessary to ensure proper consideration of a change of control by the executives.

Following consultation with its outside compensation consultants, Mercer, CryoLife s prior outside compensation consultant, and Pearl Meyer, the committee has on more than one occasion concluded that single trigger payment provisions do not provide appropriate incentives to these key employees. As a result, the change of control agreements require both a change of control and termination of employment to have occurred before CryoLife is required to make any payments. The committee approved the larger termination payments for Mr. Lee and Mr. Seery relative to Dr. Heacox and Mr. Burris based upon their senior officer status and their greater ability to influence decisions regarding whether or not a change of control transaction should be pursued.

ADDITIONAL POLICIES AND PRACTICES

Clawback Policy

The committee continues to evaluate the appropriate structure for clawback provisions to be implemented by CryoLife that would in specified instances require executive officers to return to CryoLife that portion of bonuses and other incentive compensation paid that is based upon financial results that turn out to have been materially inaccurate when published. The committee intends to adopt and disclose such a policy in compliance with and to the extent required by the Dodd Frank Wall Street Reform and Consumer Protection Act of 2010.

Stock Ownership Policy

CryoLife maintains a stock ownership policy for executives that has been approved by the committee. The stock ownership policy in effect during 2011 required the following stock ownership levels for the named executive officers, other than Dr. Heacox, who retired effective December 31, 2011:

				Owned %
Executive	Required Shares	Compliance Date	Owned Shares ¹	of Required
Anderson	300,000	2/20/2013	1,502,625	501%
Lee	100,000	2/20/2013	182,147	182%
Seery	50,000	2/20/2013	76,359	153%
Burris	30,000	5/20/2013	56,546	188%

¹ Owned Shares calculated per the Policy and as of March 19, 2012.

Because this policy was adopted in December 2007, and provided approximately five years for compliance, the first official compliance date for this policy was to be February 2013, except for Mr. Burris whose first compliance date was to be May 2013. Nonetheless, all of the named executive officers were in compliance with the stock ownership requirement as of February 2012. However, partially in response to the committee s 2012 pay for performance review, the committee has approved the following increase in the executive stock ownership requirements in February 2012:

Executive	Required Shares ¹	Stock Price	Required Value ¹	Salary Multiple
Anderson	420,000	\$ 5.00	\$ 2,100,000	3.3
Lee	100,000	\$ 5.00	\$ 500,000	1.4
Seery	58,000	\$ 5.00	\$ 290,000	1.0
Burris	58,000	\$ 5.00	\$ 290,000	1.0

¹ Policy requires the lesser of the Required Shares or the Required Value.

The compliance dates for the new guidelines remain February 2013 for all named executive officers except Mr. Burris, whose compliance date remains May 2013.

Anti-Hedging Policy

As with all CryoLife insiders, executive officers are prohibited at all times from trading in publicly traded options, puts, calls, straddles, or similar derivative securities of CryoLife, whether or not issued directly by CryoLife or by any exchange, and from effecting short sales of CryoLife s securities. The committee and the Board intend to adopt and disclose a policy on hedging by employees and directors with respect to CryoLife securities, in compliance with and to the extent required by the Dodd Frank Wall Street Reform and Consumer Protection Act of 2010.

2012 EXECUTIVE COMPENSATION ACTIONS

During 2011, as in prior years, the committee directed its independent consultant to conduct a review and assessment of the executive compensation program at CryoLife.

2011 Executive Compensation Study

The 2011 executive compensation study was conducted in October 2011, and was used as input into the committee s decisions regarding 2012 compensation adjustments and plan design changes. As in prior years, the 2011 study assessed both the competitiveness of pay levels and the alignment of pay with company performance. The 2012 peer group, which is more particularly described below, had median 2010 revenues of \$109 million and median market capitalization of \$208 million. Survey data in the October 2011 study was drawn from five compensation surveys of biotech and healthcare companies with targeted revenues of \$150 million, in order to approximate the company s annual revenue. With respect to all named executive officers, the data in the 2011 study was an even blend of the 2012 peer group and the survey information. In each case, Pearl Meyer trended the compensation data forward to January 1, 2012 by a factor of 3.2%. We refer to the blended 2012 peer group and survey compensation data for all named executive officers as the 2012 peer group information.

The following peer companies were used for the 2011 Study:

Peer Company	FYE R	evenue ¹
Merit Medical Systems	\$	297
Angiodynamics, Inc.	\$	216
Exactech, Inc.	\$	190
Alphatec Holdings	\$	172
RTI Biologics	\$	166
Spectranetics	\$	118
Atrion Corp	\$	109
Abiomed, Inc.	\$	101
Kensey Nash Corp	\$	72
Cardiovascular Systems	\$	79
Vascular Solutions	\$	78
Synovis Life Tech, Inc.	\$	69
Stereotaxis, Inc.	\$	54
Median	\$	109
CryoLife	\$	117

The peer group was redeveloped during 2011 in order to better reflect CryoLife s industry focus and size.

CryoLife is positioned near the median of the peer group in terms of annual revenue, and the peer group includes approximately an equal number of companies that are larger and smaller than CryoLife based on annual revenues.

The committee believes that the pay practices of these companies provide a useful reference point for pay and performance comparisons at CryoLife.

¹ Latest FYE Revenue, in millions, at the time the peer group was developed. Companies in bold were included in the 2010 Study peer group.

The following survey sources were used in the 2011 Study:

Mercer U.S. Executive Compensation Database

Watson Wyatt Report on Top Management Compensation

Pearl Meyer & Partners, CHiPS Executive and Senior Management Total Compensation Survey, and

Radford Biotechnology Industry Survey (provided by CryoLife management). 2012 Short-Term Incentives

The committee approved the 2012 bonus program in March 2012. The 2012 program provides for the same performance measures and same target bonus opportunity as the 2011 program, with certain modifications that are discussed below.

Analysis

The committee continues to believe that the adjusted revenue and adjusted net income performance measures utilized in the 2011 bonus program will motivate management to achieve increases in 2012 revenues and net income and operating cash flow goals, as well as to drive personal

performance and provide appropriate incentives to satisfy employee retention goals. As a result, the committee re-approved the measures that it used with respect to 2011 for use in the 2012 bonus program.

The committee discussed recommended performance targets and payout levels with management and requested that threshold levels be revised in order to require higher levels of performance in order to receive threshold payouts. As a result, the committee set the threshold performance level for the adjusted revenue measure at 95% of target, versus 92.5% in 2011, and set the threshold performance level for the adjusted net income measure at 85% of target, versus 80% in 2011. The committee based these changes on its desire to ensure that no bonus will be paid unless challenging performance is achieved. The committee accordingly increased threshold payout levels from 50% of target to 60% of target. Management based the changes in performance target levels on CryoLife s projections provided to the public. Individual target bonus percentages and the criteria for receiving the personal performance bonus were carried forward from the 2011 bonus program. The committee believes that the 2012 bonus target percentages provide each executive with a proper bonus potential given his position with and importance to CryoLife and that they were appropriately sized based on 2012 peer group information and the internal pay equity information reviewed by the committee.

The committee believes that adjusted revenue bonus threshold and target levels are challenging, but expects them to be achieved. The 2012 adjusted revenue target is within the range of 2012 product and service revenue guidance previously publicly

announced by CryoLife. The committee believes that levels of adjusted revenue performance significantly above target are very challenging, but not impossible to achieve. Based on the range of 2012 product and service revenue guidance previously publicly announced by CryoLife, however, the Committee does not expect these levels to be achieved unless CryoLife outperforms the lower end of this guidance.

The committee believes that adjusted net income bonus threshold and target performance levels are challenging, but expects the minimum and target levels to be achieved. The 2012 adjusted net income target performance level is consistent with the range of 2012 earnings per share guidance previously publicly announced by CryoLife. The committee believes that levels of adjusted net income performance significantly above target are very challenging, but not impossible to achieve. Based on the range of 2012 earnings per share guidance previously publicly announced by CryoLife, however, the Committee does not expect these levels to be achieved unless CryoLife outperforms the lower end of this guidance.

2012 Long-Term Incentives

Due to declines in CryoLife s stock price as compared to 2010 levels, the committee, in consultation with Pearl Meyer, concluded that use of the grant date fair value of equity awards to determine the size of the awards could misvalue CryoLife s annual equity grants due to the relatively low market prices used to value the awards and due to the potential unreliability of the Black-Scholes option valuing model at these low levels. As a result, the committee agreed with Pearl Meyer s recommendation that it consider returning to a policy of determining the size of grants based on an analysis of the number of shares and the percentage of the outstanding shares to be granted to employees. The committee believes that using this approach will avoid the issues involved in valuing equity awards, focus on an annual grant rate and number, which the committee believes is increasingly important to stockholders and proxy advisors, and allow the remaining share reserve to be estimated more precisely. The committee will continue to evaluate this model in light of future changes in CryoLife s stock price and will continue to review the estimated value of all awards granted.

In 2012, the committee determined to modify the mix of equity grants by adding performance shares and moving to an equal split among options, restricted stock, and performance shares, based on number, with approximately one-third of the shares granted allocated to each. The committee allocates performance shares at their target numbers. See Plan-Based Awards on page 51 of this proxy statement for a description of the terms of the performance shares, including a description of the adjusted EBITDA performance measure. In February 2012, the committee approved the amended and restated 2009 stock incentive plan, subject to stockholder approval.

The following table sets forth the 2012 equity grants approved by the compensation committee, and how these grant levels compare to the 2011 equity grants:

	20)11 Grant Lev	el	2012 Grant Level					
Executive	Stock Options	Restricted Stock	Total	Stock Options	Restricted Stock	Performance Shares ¹	Total		
Anderson	157,333	78,667	236,000	41,666	41,667	41,667	125,000		
Lee	63,333	31,667	95,000	16,666	16,667	16,667	50,000		
Seery	44,000	22,000	66,000	11,666	11,667	11,667	35,000		
Burris	44,000	22,000	66,000	11,666	11,667	11,667	35,000		
Heacox ²	44,000	22,000	66,000						

¹ Reflects the target grant level. The actual number of shares that can be earned ranges from zero to 150% of target.

² Dr. Heacox retired as of 12/31/11.

Analysis

In approving the 2012 equity grant levels, the committee considered the following primary factors:

The fact that the 2011 equity grant levels were intentionally higher than prior years, and that the intention in 2012 was to return to the 2010 grant level, based on number of shares at target levels

The desire to have an even mix between stock options, restricted stock, and performance shares

The objective of achieving continuous performance and retention incentives through the use of annual equity grants, especially given CryoLife s stock price volatility

The availability of shares under CryoLife s various shareholder approved equity plans, and

The resulting positioning of target total direct compensation against market benchmarks, as follows:

Executive	CRY 2012 ¹	Peer Median ²	CRY vs. Median	Primary Rationale
Anderson	\$ 1,619,000	\$ 1,455,000	111%	Near 50 th percentile
Lee	\$ 806,000	\$ 775,000	104%	Within a competitive range of the 50th percentile ³
Seery	\$ 565,000	\$ 640,000	88%	Below a competitive range of the 50th percentile ³
Burris	\$ 565,000	\$ 670,000	84%	Below a competitive range of the 50th percentile ³

¹ Includes 2012 salary and 2012 target bonus based on 2011 percentage of salary. Equity grant value based on an estimated grant date stock price of \$5.50 and a Black-Scholes Option Value of \$2.64.

² Based on data provided by the committee s independent consultant (the 2011 study).

³ Competitive range recommended by Pearl Meyer and agreed to by the committee as 90-110% of the peer group 50th percentile.

The committee determined vesting schedules in consultation with Pearl Meyer and believes that they provide the appropriate long-term incentive for continued employment. The committee determined the terms of the new performance share grant in consultation with management and Pearl Meyer and believes that they provide similarly appropriate incentives. The committee believes that adjusted EBITDA is a reasonable proxy for a measure of cash flow, but allows for adjustments to eliminate items that might provide improper incentives and items over which management has no control. The committee also believes that the adjusted EBITDA threshold and target performance levels are challenging, but expects the threshold and target levels to be achieved. The 2012 adjusted EBITDA target performance level is consistent with the range of 2012 earnings per share guidance previously publicly announced by CryoLife. The committee believes that the stretch levels of adjusted EBITDA performance are very challenging, but not impossible to achieve. Based on the range of 2012 earnings per share guidance previously publicly announced by CryoLife, however, the committee does not expect these levels to be achieved unless CryoLife outperforms the lower end of this guidance.

The committee approved the amended and restated 2009 Stock Incentive Plan based on management s recommendation and following consultation with Pearl Meyer regarding plan design, burn rate and approval considerations.

TAX IMPACT OF COMPENSATION DECISIONS

Section 162(m). Section 162(m) of the Internal Revenue Code of 1986, as amended, generally sets a limit of \$1 million on the amount of compensation, other than certain performance-based compensation that complies with the requirements of Section 162(m), that CryoLife may deduct for federal income tax purposes in any given year with respect to the compensation of each of the named executive officers other than the Chief Financial Officer. CryoLife has historically structured its stock option grants to make them exempt from being included in the \$1 million aggregate compensation calculation, and the committee intends to continue this practice. In addition, the committee believes that the performance shares that it began granting in March 2012 will also qualify for this exemption, beginning in 2013, if the amended and restated 2009 stock incentive plan is approved. In February 2007, the committee established the executive incentive plan, and it adopts a bonus program under the plan in February of each year. After careful review, the committee has determined that only Mr. Anderson might reasonably be expected to have any likelihood of exceeding the \$1 million dollar deductibility limit of Section 162(m) in 2012 or 2013, and that the amount by which he is likely to exceed that limit, if at all, is not expected to be material to CryoLife. Accordingly, the committee has determined not to attempt to qualify compensation under the executive incentive plan and related bonus programs for an exemption from the \$1 million deductibility limit of Section 162(m) at this time. The committee intends to separately consider the issue of deductibility under Section 162(m) with respect to all future executive bonus plans and other relevant compensation decisions. The application of Section 162(m) did not influence the committee s allocation of compensation among the various short and long-term compensation components during 2011 or 2012 to date.

Section 409A. Since Section 409A of the Code, which deals with deferred compensation arrangements, was enacted, the committee s policy has been to structure all executive compensation arrangements, to the extent feasible, to comply with the provisions of Section 409A so that the executives do not have to pay additional tax and CryoLife does not incur additional withholding obligations. The committee intends to continue this practice and has amended all of the named executive officers

currently outstanding employment agreements and/or change of control agreements in order to bring them into compliance with Section 409A.

Statements made in this proxy statement that look forward in time or that express management s beliefs, expectations or hopes are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements reflect the views of management at the time such statements are made and are subject to a number of risks, uncertainties, estimates, and assumptions that may cause actual results to differ materially from current expectations. These statements include those regarding the belief that the company s acquisition of Cardiogenesis and other recent strategic actions, such as our PerClot distribution agreement, Japanese approval for BioGlue and our investment in ValveXchange, will provide future revenue and earnings growth and return value to shareholders, and expectations that certain performance targets for management will be attained. These future events may not occur as and when expected, if at all, and, together with the company s business, are subject to various risks and uncertainties. These risks and uncertainties include that the success of any of our products or services is subject to, among other things, market acceptance and regulatory approval and compliance. Competitors may develop or market products that are more effective or better received by the marketplace, and our recent strategic actions may not provide the expected benefits in a timely fashion, if at all. Actions taken by the FDA or other regulatory agencies could significantly delay anticipated revenues, increase the costs with respect to new and existing services and products, and otherwise cause expectations regarding future revenues and profits to be revised materially downward. Along with risks specific to our business, management s ability to attain certain performance targets is subject to risks affecting the economy generally and other factors that are beyond our control. For additional risks impacting the company s business, see the Risk Factors section of the company s Annual Report on Form 10-K for the year ended Dec. 31, 2011, and the company s subsequent Form 10-Q filings. The company does not undertake to update its forward-looking statements.

COMPENSATION COMMITTEE REPORT

The Compensation Committee reviewed and discussed the Compensation Discussion & Analysis with management. In reliance on this review and discussion, the Compensation Committee recommended to the Board of Directors that the Compensation Discussion & Analysis be included in CryoLife s Annual Report on Form 10-K for the year ended December 31, 2011, and CryoLife s 2012 Proxy Statement on Schedule 14A, for filing with the Securities and Exchange Commission.

COMPENSATION COMMITTEE:

RONALD C. ELKINS, M.D., CHAIRMAN DANIEL J. BEVEVINO

RONALD D. MCCALL

SUMMARY COMPENSATION TABLE

Name and Principal				Stock	Option	Non-Equity Incentive Plan	Non-qualified Deferred Compensation	All Other	
Position		Salary	Bonus	Awards	Awards	Compensation	8	Compensation	Total
(a)	Year (b)	(\$) (c)	(\$) (d)	(\$) (e)	(\$) (f)	(\$) (g)	(\$) (h)	(\$) (i)	(\$) (j)
Steven G. Anderson Chairman of the Board, President, and Chief	2011 2010	\$ 637,806 \$ 619,229	\$ 76,537(1) \$ 88,240(7)	\$ 402,775(2) \$ 262,085(8)	\$ 399,626(3) \$ 280,832(9)	\$ 252,618(4) \$ 195,667(10	\$ 25,406(5)	\$ 33,612(6)	\$ 1,828,380
Executive Officer	2009	\$619,229	\$ 92,884(13)	\$175,525(14)	\$ 300,000(15) \$212,815(16) \$41,894(17)	\$ 58,479(18)	\$ 1,500,826
D. Ashley Lee Executive Vice President, Chief Operating Officer, and Chief Financial	2011 2010	\$ 361,424 \$ 350,897	\$ 43,371(1) \$ 47,371(7)	\$ 162,135(2) \$ 104,835(8)	\$ 160,866(3) \$ 112,332(9)	\$ 143,151(4) \$ 110,878(10		\$ 13,974(19) \$ 12,737(20)	. ,
Officer	2009	\$ 350,897	\$44,739(13)	\$103,250(14)	\$ 90,000(15) \$120,595(16)	\$ 15,037(21)	\$ 724,518
Gerald B. Seery Senior Vice President, Sales and Marketing	2011 2010 2009	\$ 290,000 \$ 275,000 \$ 275,000	\$ 23,200(1) \$ 24,750(7) \$ 24,750(13)	\$ 112,640(2) \$ 73,385(8) \$ 61,950(14)	\$ 111,760(3) \$ 78,632(9) \$ 54,000(15	\$ 76,574(4) \$ 57,930(10) \$ 63,007(16)	\$ 1,704(22) \$ 1,696(22) \$ 4,123(22)	\$ 511,393
Jeffrey W. Burris Vice President and General Counsel	2009	\$ 290,000	\$ 23,200(1)	\$ 112,640(2)	\$ 111,760(3)	\$ 76,574(4))	\$ 2,450(22)	. ,
(23)	2010	\$275,000	\$ 26,125(7)	\$ 74,552(24)	\$ 78,632(9)	\$ 57,930(10)	\$ 2,450(22)	\$ 514,689
Albert E. Heacox, Ph.D. Former Senior Vice President, Research and	2011 2010	\$ 290,037 \$ 281,589	\$ 23,203(1) \$ 25,343(7)	\$ 148,715(26) \$ 73,385(8)	\$ 78,632(9)	\$ 76,584(4) \$ 59,318(10		\$ 17,295(27) \$ 2,450(22)	\$ 520,717
Development (25)	2009	\$ 281,589	\$ 23,935(13)	\$ 61,950(14)	\$ 54,000(15) \$ 64,517(16)	\$ 4,900(22)	\$ 490,891

(1) These amounts represent the personal performance component of the award that we made pursuant to the 2011 bonus program under the 2007 Executive Incentive Plan, which we paid 100% in cash in February 2012.

(2) These amounts represent the aggregate grant date fair value of the restricted stock awards granted in 2011, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 23, 2011 and were valued at \$5.12 per share, the fair market value on that date.

(3) These amounts represent the aggregate grant date fair value of the option awards granted in 2011, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 23, 2011. See Note 13 of the Notes to

Consolidated Financial Statements filed with CryoLife s annual report on Form 10-K for the year ended December 31, 2011 for assumptions we used in valuing the option awards.

- (4) These amounts represent the adjusted revenue and adjusted net income performance components of the awards earned pursuant to the 2011 bonus program under the 2007 Executive Incentive Plan. We paid all of these awards 100% in cash in February 2012.
- (5) The amount shown represents the sum of the change in the actuarial present value from December 31, 2010 to December 31, 2011 of Mr. Anderson s accumulated benefit under his post-employment medical plan, which is discussed further at Post-Employment Medical Plan for Steven G. Anderson under Pension Benefits on page 63 and the change in the actuarial present value of Mr. Anderson s accumulated benefit under his retirement severance benefit, which is discussed further at Retirement Severance Benefit under Pension Benefits on page 63.
- (6) This amount includes our matching contribution of \$2,450 to the CryoLife 401(k) plan. Also includes reimbursement of dues and business expenses at certain private clubs, payment of premiums for a supplemental disability policy, and auto and gas expense reimbursement.
- (7) These amounts represent the personal performance component of the award that we made pursuant to the 2010 bonus program under the 2007 Executive Incentive Plan, which we paid 100% in cash in February 2011.
- (8) These amounts represent the aggregate grant date fair value of the restricted stock awards granted in 2010, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 15, 2010 and were valued at \$6.29 per share, the fair market value on that date.
- (9) These amounts represent the aggregate grant date fair value of the option awards granted in 2010, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 22, 2010. See Note 9 of the Notes to Consolidated Financial Statements filed with CryoLife s annual report on Form 10-K for the year ended December 31, 2010 for assumptions we used in valuing the option awards.
- (10) These amounts represent the adjusted revenue and adjusted net income performance components of the awards earned pursuant to the 2010 bonus program under the 2007 Executive Incentive Plan. We paid all of these awards 100% in cash in February 2011.
- (11) The amount shown represents the sum of the change in the actuarial present value from December 31, 2009 to December 31, 2010 of Mr. Anderson s accumulated benefit under his post-employment medical plan, which is discussed further at Post-Employment Medical Plan for Steven G. Anderson under Pension Benefits on page 63 and the change in the actuarial present value of Mr. Anderson s accumulated benefit under his retirement severance benefit, which is discussed further at Retirement Severance Benefit under Pension Benefits on page 63.
- (12) This amount includes our matching contribution of \$2,450 to the CryoLife 401(k) plan. Also includes reimbursement of dues and business expenses at certain private clubs, auto and gas expense reimbursement, and reimbursement of legal fees and expenses of \$84,387 in connection with litigation with Medafor, Inc.
- (13) These amounts represent the personal performance component of the award that we made pursuant to the 2009 bonus program under the 2007 Executive Incentive Plan, which we paid 100% in cash in February 2010.
- (14) These amounts represent the aggregate grant date fair value of the restricted stock awards granted in 2009, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 16, 2009 and were valued at \$8.26 per share, the fair market value on that date.
- (15) These amounts represent the aggregate grant date fair value of the option awards granted in 2009, as calculated in accordance with FASB ASC Topic 718. The awards were issued on February 23, 2009. See Note 8 of the Notes to Consolidated Financial Statements filed with CryoLife s annual report on Form 10-K for the year ended December 31, 2009 for assumptions we used in valuing the option awards.
- (16) These amounts represent the adjusted revenue and adjusted net income performance components of the awards earned pursuant to the 2009 bonus program under the 2007 Executive Incentive Plan. We paid all of these awards 100% in cash in February 2010.

- (17) The amount shown represents the sum of the change in the actuarial present value from December 31, 2008 to December 31, 2009 of Mr. Anderson s accumulated benefit under his post-employment medical plan, which is discussed further at Post-Employment Medical Plan for Steven G. Anderson under Pension Benefits on page 63 and the change in the actuarial present value of Mr. Anderson s accumulated benefit under his retirement severance benefit, which is discussed further at Retirement Severance Benefit under Pension Benefits on page 63.
- (18) This amount includes our matching contribution of \$4,900 to the CryoLife 401(k) plan. Also includes reimbursement of dues and business expenses at certain private clubs, auto and gas expense reimbursement, and reimbursement of legal fees and expenses of \$25,109 in connection with litigation with Medafor, Inc.
- (19) This amount includes our matching contribution of \$2,450 to the CryoLife 401(k) plan, as well as reimbursement of dues and business expenses at certain private clubs and payment of premiums for a supplemental disability policy.
- (20) This amount includes our matching contribution of \$2,450 to the CryoLife 401(k) plan, as well as reimbursement of dues and business expenses at certain private clubs.
- (21) This amount includes our matching contribution of \$4,900 to the CryoLife 401(k) plan, as well as reimbursement of dues and business expenses at certain private clubs.
- (22) These amounts represent our matching contributions to the CryoLife 401(k) plan. In each year shown above, we provided Mr. Seery, Mr. Burris, and Dr. Heacox with perquisites and other personal benefits valued at less than \$10,000.
- (23) Mr. Burris was not a named executive officer for the 2009 fiscal year. Accordingly, this table only includes compensation for Mr. Burris with respect to the 2010 and 2011 fiscal years.
- (24) These amounts represent the aggregate grant date fair value of the restricted stock awards granted in 2010, as calculated in accordance with FASB ASC Topic 718. This award was issued on February 16, 2010 and was valued at \$6.39 per share, the fair market value on that date.
- (25) Dr. Heacox retired from his employment with CryoLife on December 31, 2011, the last day of CryoLife s 2011 fiscal year.
- (26) This amount represents the aggregate grant date fair value of the restricted stock award granted in February 2011, as calculated in accordance with FASB ASC Topic 718, and the acceleration of the vesting of 7,500 shares of restricted stock that were granted in February 2009. The February 2011 award was issued on February 23, 2011 and was valued at \$5.12 per share, the fair market value on that date. The accelerated vesting of the February 2009 restricted stock award occurred in conjunction with Dr. Heacox s retirement from CryoLife and was valued at \$4.81 per share, the fair market value on December 21, 2011, the date that the accelerated vesting was approved. See footnote 14 of this table for a description of the value attributed to the award upon its original grant date.
- (27) This amount represents our matching contribution of \$2,450 to the CryoLife 401(k) plan. Also, includes payment of 92 hours of unused vacation time for an aggregate payment of \$12,828 and payment of premiums for a supplemental disability policy.

GRANTS OF PLAN-BASED AWARDS⁽¹⁾

Estimated Possible Payouts Hybrideated Possible Payouts Underl

Name	Grant	Committee		Target M	Plan I	Equity]	Incentiv Awards	e Plan	Other Stock Awards: Number of Shares of Stock or	All Other Option Awards: Number of Securities Underlying Options	Exercise or Base Price of OptionC Awards	Market Price on ommittee	Grant Date Fair Value of Stock and Option Awards
(a)	Date (b)	Action Date	(\$) (c)	(\$) (d)	(\$) (e)	(\$) (f)	(\$) (g)	(\$) (h)	(#) (i)	(#) (j)	(\$/Sh) (k)	Date (\$/Sh)	(\$) (1)
(a) Steven G. Anderson	(b) 7/25/11(2) 2/23/11(4) 2/23/11(6)	7/25/11 2/14/11	153,073	306,147	(3)	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	(I) 78,667	157,333	5.12	5.18(9)	402,775 399,626
D. Ashley Lee	7/25/11(2) 2/23/11(5) 2/23/11(7)	7/25/11 2/14/11 2/14/11	86,742	173,484	(3)	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	31,667	63,333	5.12	5.18(9)	162,135 160,866
Gerald B. Seery	7/25/11(2) 2/23/11(5) 2/23/11(8)	7/25/11 2/14/11 2/14/11	46,400	92,800	(3)	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	22,000	44,000	5.12	5.18(9)	112,640 111,760
Jeffrey W. Burris	7/25/11(2) 2/23/11(5) 2/23/11(8)		46,400	92,800	(3)	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	22,000	44,000	5.12	5.18(9)	112,640 111,760
Albert E. Heacox, PhD.	7/25/11(2) 2/23/11(5) 2/23/11(8)	7/25/11 2/14/11 2/14/11	46,406	92,812	(3)	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	22,000	44,000	5.12	5.18(9)	112,640 111,760

- (1) This table provides detail regarding stock options and other equity awards that we granted during fiscal 2011, as well as bonus plan awards that we made during fiscal 2011. The table does not include the stock option and restricted stock grants that we made in February 2012, as more particularly discussed with respect to each named executive officer at Compensation Discussion & Analysis starting on page 24.
- (2) We granted this award pursuant to the 2011 bonus program under the 2007 Executive Incentive Plan adopted by the Board on July 25, 2011. The award also included a personal performance component that is not included in the possible payouts set forth above, as we do not communicate the specific personal performance goals at the time of grant. See Annual Performance-Based Bonus Plans 2011 Bonus Program starting on page 56 for a discussion of 2011 bonus awards under the 2007 Executive Incentive Plan.
- (3) Maximum payouts are not calculable as there is not a cap on the adjusted revenue and the adjusted net income portions of the 2011 bonus program.
- (4) We issued 40,400 of these restricted shares pursuant to our 2009 Employee Stock Incentive Plan and 38,267 of these restricted shares pursuant to our 2004 Employee Stock Incentive Plan. All shares vest on the third anniversary of the grant date if the reporting person remains in the continuous employ of the company.
- (5) We issued these restricted shares pursuant to our 2004 Employee Stock Incentive Plan. All shares vest on the third anniversary of the grant date if the reporting person remains in the continuous employ of the company.
- (6) We granted these options pursuant to our 2002 Stock Incentive Plan. One-third of the shares became exercisable on the first anniversary of grant, and an additional one-third will become exercisable on each subsequent anniversary thereof until all shares of the option are exercisable on the third anniversary, assuming continuous employment. The exercise price of \$5.12 per share is equal to the closing price of the company s common stock on the New York Stock Exchange on the date of issuance, February 23, 2011. These options have a seven-year term.
- (7) We granted 50,106 of these options pursuant to our 2002 Stock Incentive Plan and 13,227 of these options pursuant to our 2009 Employee Stock Incentive Plan. One-third of the shares became exercisable on the first anniversary of grant, and an additional one-third will become exercisable on each subsequent anniversary thereof until all shares of the option are exercisable on the third anniversary, assuming continuous employment. The exercise price of \$5.12 per share is equal to the closing price of the company s common stock on the New York Stock Exchange on the date of issuance, February 23, 2011. These options have a seven-year term.

- (8) We granted these options pursuant to our 2009 Employee Stock Incentive Plan. One-third of the shares became exercisable on the first anniversary of grant, and an additional one-third will become exercisable on each subsequent anniversary thereof until all shares of the option are exercisable on the third anniversary, assuming continuous employment. The exercise price of \$5.12 per share is equal to the closing price of the company s common stock on the New York Stock Exchange on the date of issuance, February 23, 2011. These options have a seven-year term.
- (9) The exercise price for these options differs from the closing market price on the Compensation Committee action date because the issuance of these options was delayed from the Compensation Committee action date until CryoLife was in an open trading window and its earnings for fiscal 2010 had been released.

Employment and Change of Control Agreements

Steven G. Anderson

Compensation and Basic Terms of Employment

CryoLife is party to an amended and restated employment agreement with Steven G. Anderson. Pursuant to the agreement, CryoLife employs Mr. Anderson in the capacity of Chairman of the Board, President, and Chief Executive Officer. The term of the amended agreement runs through December 31, 2012 and does not automatically renew. The agreement provides for the following compensation:

An initial annual base salary of \$600,000 increased each year by a minimum amount based on the increase in the cost of living index. This adjustment resulted in Mr. Anderson s base salary being increased to \$619,229 in 2008. There was no increase in 2009, due to a decrease in the cost of living index. Mr. Anderson waived his cost of living increase for 2010. In 2011, Mr. Anderson s base salary was increased to \$637,806, as part of a 3% base salary increase awarded to all executive officers. In 2012, Mr. Anderson s base salary was increased to \$656,940 based on an increase in the cost of living index of 3%;

Bonus compensation on terms and in amounts no less favorable to him than those contained in CryoLife s 2007 Executive Incentive Plan and the 2007 bonus program for Mr. Anderson approved thereunder, with such modifications as may reasonably be imposed for all executive officers and approved by at least two-thirds of CryoLife s independent Directors; provided that if CryoLife s CFO advises the Compensation Committee that it would materially and negatively impact CryoLife to pay all or a portion of the bonus in cash, the Compensation Committee may choose to pay the bonus in CryoLife common stock, but only to the extent that such action is taken with respect to all executive officers of CryoLife;

Reimbursement of monthly car payments, auto expenses, dues, and business-related expenses at certain social and business clubs, subject to an annual limitation equal to 10% of Mr. Anderson s base salary;

Enrollment in the standard CryoLife medical plan and contributory 401(k) plan, which in 2012 includes a CryoLife matching contribution of 40% of Mr. Anderson s contribution with respect to up to 5% of his base salary, subject to the annual maximum allowed by the Internal Revenue Service;

Life insurance coverage of at least two times base pay; Mr. Anderson has currently agreed for this coverage to be limited to \$350,000; and

30 vacation days each year.

Pursuant to Mr. Anderson s employment agreement, Mr. Anderson will receive certain compensation upon termination of his employment, other than termination for cause or due to his death. The employment agreement also provides for compensation to Mr. Anderson following a change of control of CryoLife. The potential payments that CryoLife may make under each scenario are described further at Potential Payments Upon Termination or Change of Control starting on page 64.

Non-Compete Commitment

During the term of his employment and for two years after any termination of his employment, Mr. Anderson agrees not to accept a position as a CEO, President, or Chief Operating Officer with, or provide comparable level executive consultation to, any competitors of CryoLife in the cardiac or vascular tissue processing business or biological glue business within the U.S. or the

European Union. Mr. Anderson must continue to comply with this non-compete commitment as a condition of receiving any severance payment.

Agreement Not to Solicit

During the term of his employment and for two years after any termination of his employment, Mr. Anderson agrees not to solicit or hire away any person employed by CryoLife or any customer of CryoLife without CryoLife s prior written consent.

409A Compliance

On November 4, 2008, we entered into an amendment to the employment agreement with Mr. Anderson in order to bring it into compliance with Section 409A of the Internal Revenue Code of 1986, as amended.

D. Ashley Lee, Gerald B. Seery, Jeffrey W. Burris, and Albert E. Heacox, Ph.D.

CryoLife is not party to an employment agreement with Mr. Lee, Mr. Seery, or Mr. Burris. CryoLife has entered into change of control agreements with Mr. Lee, Mr. Seery, and Mr. Burris that provide that the company will pay to each of them a severance payment if he is terminated by the company without cause or terminates his own employment for good reason for a period extending from six months before to two years after a change of control of CryoLife. CryoLife had also entered into a change of control agreement with Dr. Heacox, who retired from CryoLife effective December 31, 2011. While the change of control and severance portions of his agreement are no longer applicable, he remains subject to the agreement not to solicit described below.

Basic Terms of the Change of Control Agreements

The initial term of the agreements ended September 1, 2011, and each agreement renewed on September 1, 2011 for an additional three-year term. The agreements will continue to renew every three-year anniversary thereafter, for an additional three-year term, unless CryoLife gives notice at least thirty days prior to the end of the then-current term that the agreement shall not be extended

The severance payment is an amount equal to a multiple of the aggregate of base salary as of the date of termination and bonus compensation for the year in which the termination of employment occurs, or if the bonus for that year has not yet been awarded, the most recently awarded bonus compensation. The multiple for Mr. Lee and Mr. Seery is two times salary and bonus and the multiple for Mr. Burris is one times base salary and bonus. Prior to his retirement on December 31, 2011, the multiple for Dr. Heacox was one times base salary and bonus. The potential payments that CryoLife may make under this scenario are described further at Potential Payments Upon Termination or Change of Control starting on page 64

Change of control as defined in the agreement means a change in the ownership of CryoLife, a change in the effective control of CryoLife or a change in the ownership of a substantial portion of the assets of CryoLife, as described further at Potential Payments Upon Termination or Change of Control starting on page 64

The Agreement is not an employment agreement and each respective officer s employment is at will Agreement Not to Solicit

Mr. Lee, Mr. Seery, Mr. Burris, and Dr. Heacox agree not to solicit any actual or prospective customers of CryoLife with whom they have had contact for a competing business or to solicit employees of CryoLife to leave CryoLife and join a competing business during the term of the agreement and for a period of one year following the termination of the agreement. CryoLife is not required to make the severance payment and the officer is required to repay any portion of the severance payment already received if he solicits customers or employees of CryoLife during the term of the agreement and for a period of one year following the termination of the agreement.

Plan-Based Awards

CryoLife granted the awards disclosed in the Grants of Plan-Based Awards table pursuant to:

The 2009 Employee Stock Incentive Plan

The 2004 Employee Stock Incentive Plan

The 2002 Stock Incentive Plan

The 2007 Executive Incentive Plan and the 2011 bonus program The material terms of these plans and CryoLife s 1998 Long-Term Incentive Plan are as follows:

<u>2009 Employee Stock Incentive Plan</u>. In February 2009, the Board adopted the 2009 Employee Stock Incentive Plan, which the stockholders approved in May 2009. This plan authorizes us to grant the following to CryoLife s employees and officers:

Options

Stock appreciation rights

Restricted stock unit awards

Stock unit awards

Restricted stock awards

Performance shares

Other stock-based awards

We currently may award a maximum of 2 million shares of common stock under the 2009 Employee Stock Incentive Plan, subject to certain adjustments. Of these 2 million shares, approximately 792,000 shares were available for grant as of March 19, 2012 after reserving the maximum number of shares that may be issued for performance shares granted in 2012. In addition, the 2009 Employee Stock Incentive Plan currently provides that:

We may issue a maximum of 2 million shares subject to options and stock appreciation rights, except as provided below

We may issue up to 500,000 as awards other than options and stock appreciation rights, including restricted stock and performance shares provided, however, that more than 500,000 shares may be issued pursuant to such other awards, but only to the extent that each share so issued above 500,000 reduces the total shares available under the 2009 Employee Stock Incentive Plan by 1.5 shares

We may issue no more than 400,000 shares relating to options and stock appreciation rights to any one individual in any given fiscal year

We may issue no more than 250,000 shares relating to awards other than options and stock appreciation rights to any one individual in any given fiscal year

The 2009 Employee Stock Incentive Plan currently terminates in May 2016, unless the Board terminates it before that date. If the Board terminates the 2009 Employee Stock Incentive Plan, although no further awards may be made, the plan will remain in effect as long as any options, stock appreciation rights, or other stock awards that we granted under the plan are outstanding.

The Board of Directors has adopted amendments to the 2009 Employee Stock Incentive Plan, subject to stockholder approval at the 2012 Annual Meeting. See Approval of the Amended and Restated CryoLife, Inc. 2009 Stock Incentive Plan at 78 for further discussion of the Amended and Restated CryoLife, Inc. 2009 Stock Incentive Plan.

Terms of 2009 Employee Stock Incentive Plan Awards

We issued a portion of the stock options and restricted stock awards that we granted to the named executive officers in 2011 pursuant to the 2009 Employee Stock Incentive Plan. We issued the stock options and a portion of the performance shares that we granted to the named executive officers in 2012 pursuant to the 2009 Employee Stock Incentive Plan.

The terms of the options granted pursuant to this plan are as follows:

All options vest over a three-year period at 33 1/3% per year, beginning on the first anniversary of the grant date

All options have a seven year term