

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 WASHINGTON, D.C. 20549  
 FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

( ) Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue. See Instructions 1(b).

1. Name and Address of Reporting Person

BLACK, KIRBY S, PH.D.  
 c/o CryoLife, Inc.  
 1655 Roberts Boulevard, N.W.  
 Kennesaw, GA 30144

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE, INC.  
 CRY

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year

10/2001

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

( ) Director ( ) 10% Owner (X) Officer (give title below) ( ) Other  
 (specify below)

Sr. Vice President, R&D

7. Individual or Joint/Group Filing (Check Applicable Line)

(X) Form filed by One Reporting Person

( ) Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Security	2. Transaction Date	3. Code	4. Securities Acquired (A) or Disposed of (D)			5. Amount of Securities Beneficially Owned at End of Month	6. Director (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership		
			Amount	A/D	Price			(D) or (I)	(D) or (I)	(D) or (I)
Common Stock (1)	10-22-01	S	17,000	D	\$34.3866	139,663	D			
Common Stock						225	I	(2)		

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned											
1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	4. Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D)		6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security	9. Number of Derivative Securities Beneficially Owned at End of Month	10. Nature of Indirect Beneficial Ownership	
				Amount	A/D					(D) or (I)	(D) or (I)

Explanation of Responses:

(1) All share amounts and prices have been adjusted to reflect a three-for-two stock split which was effective on December 27, 2000.

(2) Includes 135 shares owned by Dr. Black's minor daughter and 90 shares owned by his son.

SIGNATURE OF REPORTING PERSON

/s/ Kirby S. Black, Ph.D.

Kirby S. Black, Ph.D.

DATE

November 8, 2001