

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

FORM 5

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

() Form 3 Holdings Reported

() Form 4 Transactions Reported

1. Name and Address of Reporting Person

ANDERSON, STEVEN G.
 1655 Roberts Boulevard, NW
 Kennesaw, GA 30144
 USA

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE, INC.
 CRYL

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

4. Statement for Month/Year

12/31/2001

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

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

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

President, CEO and Chairman

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

(X) Form filed by One Reporting Person
 () Form filed by More than One Reporting Person

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 Year	6. Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Amount	A/D	Price			
Common Stock						1,541,612	D	
						107,899	I	By Spouse

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 Year	10. Direct (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership	
											Amount
Incentive Stock Option	\$30.856	5-17-01	A	3,240	1-1-11	Common Stock	3,240	N/A	3,240	D	
Non-qualifying Stock Option	\$30.856	5-17-01	A	6,760	(1)-17-06	Common Stock	6,760	N/A	6,760	D	

Explanation of Responses:

(1) Option vests annually in 20% increments over five years beginning on first anniversary of grant date.

SIGNATURE OF REPORTING PERSON

/s/ Steven G. Anderson

DATE

February 11, 2002