

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

VAN DYNE, BRUCE J.
 c/o CryoLife, Inc.
 1655 Roberts Boulevard, N.W.
 Kennesaw, GA 30144
 USA

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

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 () Officer (give title below) () Other
 (specify below)

Director

7. Individual or Joint/Group Reporting (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) Amount	5. Amount of Securities Beneficially Owned at End of Year Price	6. Director (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
Common Stock				200	D	

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) Amount	6. Date Exercisable or Expiration Date (Month/Day/Year) A/Expiration Date	7. Title and Amount of Underlying Securities Title and Number of Shares	8. Price of Derivative Security	9. Number of Derivative Securities Beneficially Owned at End of Year	10. Director (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership	
Non-qualifying Stock Option	\$31.99	5-17-01	A	10,000	5-17-01	5-17-06 Common Stock	10,000	N/A	10,000	D	
Non-qualifying Stock Option	\$31.99	5-18-01	A	7,500	5-18-01	5-18-06 Common Stock	7,500	N/A	7,500	D	

Explanation of Responses:

SIGNATURE OF REPORTING PERSON

/s/ Bruce J. Van Dyne

DATE

February 11, 2002