

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

VANDER WYK, JAMES C., PH.D.

1655 Roberts Boulevard, NW

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)

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

(specify below)

Vice President - Regulatory Affairs & Quality Assurance

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)		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	Indirect (I)	
Common Stock					145,000	D			

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Derivative Security	2. Conversion or Exercise Date	3. Code	4. Number of Derivative Securities Acquired (A) or Disposed of (D)	5. Amount 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. Nature of Indirect Beneficial Ownership	
									Indirect (I)	Ownership (D)
Incentive Stock Option	12-6-01	A	317	A	12-6-06	Common Stock 317	N/A	317	D	

Explanation of Responses:
 SIGNATURE OF REPORTING PERSON
 /s/ James C. Vander Wyk, Ph.D.
 DATE
 February 11, 2002