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 ASHMORE, SIDNEY B. 1655 Roberts Blvd., 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) ( ) Director ( ) 10% Owner (X) Officer (give title below) ( ) Other (specify below) Vice President of Marketing 7. Individual or Joint/Group Reporting (Check Applicable Line)

- (X) Form filed by One Reporting Person
- ( ) Form filed by More than One Reporting  $\ensuremath{\mathsf{Person}}$

1. Title of Security			Securities Acqu or Disposed of		5.Amount of   Securities	6.Dir  7.Nature of Indirect  ect   Beneficial Ownership  (D)or		
		Code	or preposed or	(D)	Beneficially			
			Amount	A/    D   Price	Owned at	Indir    ect(I)		
Common Stock					3,264 (1)	D		
Table II Derivative	Securitite	s Acquired	Disposed of.	or Beneficially	Owned			
		*		<u>م</u>				
1.Title of Derivative	2.Con  :	3.  4.	5.Number of De	e  6.Date Exer 7	.Title and Amount	8.Price 9.Number	10. 11.Nature	
Security	version	Fransactio	n rivative Secu	ı  cisable and	of Underlying	of Deri of Deriva	Dir Indirect	
	or Exer  1	Date  Code	rities Acqui	Expiration	Securities	vative  tive	ect Beneficia	
	Icise Pr I	1	red(A) or Dis	s  Date(Month/		ISecu ISecurities	(D) Ownership	

Security	version	Trans	action	rivative Secu	cisable and	of Underlying	of Deri	i∣of Deriva	Dir Indirect	
	or Exer	Date	Code	rities Acqui	Expiration	Securities	vative	tive	ect Beneficial	
	cise Pr	1	1 1	red(A) or Dis	Date(Month/		Secu	Securities	(D) Ownership	
	ice of	1	1 1	posed of(D)	Day/Year)		rity	Benefi	or	
	Deriva	1	1 1		Date  Expir		1	ficially	Ind	- 1
	tive	1	1 1	A,	/ Exer- ation	Title and Number	1	Owned at	ire	- 1
	Secu	1	1 1	D	cisa- Date	of Shares	1	End of	ct	- 1
	rity	1	1 I	Amount	ble		1	Year	(I)	1
										1

Explanation of Responses: (1) Includes 305 shares acquired under the CryoLife, Inc. Employee Stock Purchase Plan during 2001. SIGNATURE OF REPORTING PERSON /s/ Sidney B. Ashmore DATE February 11, 2002