

SECURITIES & EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934
(Amendment No. 2)*

Cryolife, Inc.
(Name of Issuer)

Common Stock
(Title of Class of Securities)

228903100
(CUSIP Number)

December 31, 2008
(Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this
Schedule 13G/A is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting
person's initial filing on this form with respect to the subject class of
securities, and for any subsequent amendment containing information which would
alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be
deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act
of 1934 ("Act") or otherwise subject to the liabilities of that section of the
Act but shall be subject to all other provisions of the Act (however, see the
Notes).

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- (1) NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO.
OF ABOVE PERSONS (ENTITIES ONLY)

O.S.S. Capital Management LP

- (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **

(a)
(b)

- (3) SEC USE ONLY

- (4) CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware, USA

NUMBER OF (5) SOLE VOTING POWER

-0-

SHARES

BENEFICIALLY (6) SHARED VOTING POWER

1,269,693

OWNED BY
EACH

- (7) SOLE DISPOSITIVE POWER

REPORTING -----

PERSON WITH (8) SHARED DISPOSITIVE POWER 1,269,693

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,269,693

(10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.5%

(12) TYPE OF REPORTING PERSON ** PN

** SEE INSTRUCTIONS BEFORE FILLING OUT!

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(1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Oscar S. Schafer & Partners I LP

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [X] (b) []

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware, USA

NUMBER OF (5) SOLE VOTING POWER -0-

SHARES -----

BENEFICIALLY (6) SHARED VOTING POWER 56,039

OWNED BY -----

EACH (7) SOLE DISPOSITIVE POWER -0-

REPORTING -----

PERSON WITH (8) SHARED DISPOSITIVE POWER 56,039

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 56,039

(10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.2%

(12) TYPE OF REPORTING PERSON ** PN

** SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO.
OF ABOVE PERSONS (ENTITIES ONLY)
Oscar S. Schafer & Partners II LP

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **
(a) [X]
(b) []

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware, USA

NUMBER OF (5) SOLE VOTING POWER
SHARES -0-

BENEFICIALLY (6) SHARED VOTING POWER
648,125

OWNED BY EACH (7) SOLE DISPOSITIVE POWER
-0-

REPORTING PERSON WITH (8) SHARED DISPOSITIVE POWER
648,125

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED
BY EACH REPORTING PERSON
648,125

(10) CHECK BOX IF THE AGGREGATE AMOUNT
IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED
BY AMOUNT IN ROW (9)
2.3%

(12) TYPE OF REPORTING PERSON **
PN

** SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO.
OF ABOVE PERSONS (ENTITIES ONLY)
O.S.S. Overseas Fund Ltd.

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **
(a) [X]
(b) []

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION
Cayman Islands

NUMBER OF (5) SOLE VOTING POWER
-0-

SHARES -----

BENEFICIALLY (6) SHARED VOTING POWER 562,529

OWNED BY -----

EACH (7) SOLE DISPOSITIVE POWER -0-

REPORTING -----

PERSON WITH (8) SHARED DISPOSITIVE POWER 562,529

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 562,529

(10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.0%

(12) TYPE OF REPORTING PERSON ** CO

** SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) O.S.S. Advisors LLC

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [X] (b) []

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware, USA

NUMBER OF (5) SOLE VOTING POWER -0-

SHARES -----

BENEFICIALLY (6) SHARED VOTING POWER 707,164

OWNED BY -----

EACH (7) SOLE DISPOSITIVE POWER -0-

REPORTING -----

PERSON WITH (8) SHARED DISPOSITIVE POWER 707,164

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 707,164

(10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.5%

(12) TYPE OF REPORTING PERSON **

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 (1) NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO.
 OF ABOVE PERSONS (ENTITIES ONLY) Schafer Brothers LLC

 (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **
 (a) [X]
 (b) []

 (3) SEC USE ONLY

 (4) CITIZENSHIP OR PLACE OF ORGANIZATION
 Delaware, USA

 NUMBER OF (5) SOLE VOTING POWER
 SHARES -0-

 BENEFICIALLY (6) SHARED VOTING POWER
 OWNED BY 1,269,693
 EACH (7) SOLE DISPOSITIVE POWER

 REPORTING (8) SHARED DISPOSITIVE POWER
 PERSON WITH 1,269,693

 (9) AGGREGATE AMOUNT BENEFICIALLY OWNED
 BY EACH REPORTING PERSON 1,269,693

 (10) CHECK BOX IF THE AGGREGATE AMOUNT
 IN ROW (9) EXCLUDES CERTAIN SHARES ** []

 (11) PERCENT OF CLASS REPRESENTED
 BY AMOUNT IN ROW (9) 4.5%

 (12) TYPE OF REPORTING PERSON **
 OO

 ** SEE INSTRUCTIONS BEFORE FILLING OUT!

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 (1) NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO.
 OF ABOVE PERSONS (ENTITIES ONLY) Oscar S. Schafer

 (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **
 (a) [X]
 (b) []

 (3) SEC USE ONLY

 (4) CITIZENSHIP OR PLACE OF ORGANIZATION
 United States

NUMBER OF (5) SOLE VOTING POWER -0-
SHARES -----
BENEFICIALLY (6) SHARED VOTING POWER 1,269,693
OWNED BY -----
EACH (7) SOLE DISPOSITIVE POWER -0-
REPORTING -----
PERSON WITH (8) SHARED DISPOSITIVE POWER 1,269,693

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED
BY EACH REPORTING PERSON 1,269,693

(10) CHECK BOX IF THE AGGREGATE AMOUNT
IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED
BY AMOUNT IN ROW (9) 4.5%

(12) TYPE OF REPORTING PERSON ** IN

** SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO.
OF ABOVE PERSONS (ENTITIES ONLY) Andrew Goffe

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **
(a) [X]
(b) []

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION
United States

NUMBER OF (5) SOLE VOTING POWER -0-
SHARES -----
BENEFICIALLY (6) SHARED VOTING POWER 1,269,693
OWNED BY -----
EACH (7) SOLE DISPOSITIVE POWER -0-
REPORTING -----
PERSON WITH (8) SHARED DISPOSITIVE POWER 1,269,693

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED
BY EACH REPORTING PERSON 1,269,693

(10) CHECK BOX IF THE AGGREGATE AMOUNT
IN ROW (9) EXCLUDES CERTAIN SHARES ** []

(11) PERCENT OF CLASS REPRESENTED
BY AMOUNT IN ROW (9)

 (12) TYPE OF REPORTING PERSON **

IN

** SEE INSTRUCTIONS BEFORE FILLING OUT!

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ITEM 1.

- (a) NAME OF ISSUER: Cryolife, Inc.
- (b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:
 1655 Roberts Boulevard, NW
 Kennesaw, Georgia 30144

Item 2(a). NAME OF PERSON FILING:

- (i) Oscar S. Schafer & Partners I LP, a Delaware limited partnership ("OSS I"), with respect to shares of Common Stock (as defined in Item 2(d) below) directly owned by it;
- (ii) Oscar S. Schafer & Partners II LP, a Delaware limited partnership ("OSS II", and together with OSS I, the "Partnerships"), with respect to shares of Common Stock as defined in Item 2(d) below) directly owned by it;
- (iii) O.S.S. Advisors LLC, a Delaware limited liability company (the "General Partner"), which serves as the general partner of each of the Partnerships, with respect to shares of Common Stock (as defined in Item 2(d) below) directly owned by each of the Partnerships;
- (iv) O.S.S. Overseas Fund Ltd., a Cayman Islands exempted company ("OSS Overseas"), with respect to shares of Common Stock directly owned by it;
- (v) O.S.S. Capital Management LP, a Delaware limited partnership (the "Investment Manager"), which serves as investment manager, and management company, to OSS Overseas and the Partnerships, respectively, and has investment discretion with respect to shares of Common Stock directly owned by the Partnerships and OSS Overseas;
- (vi) Schafer Brothers LLC, a Delaware limited liability company (the "SB LLC"), which serves as the general partner to the Investment Manager, with respect to shares of Common Stock directly owned by the Partnerships and OSS Overseas;
- (vii) Mr. Oscar S. Schafer ("Mr. Schafer"), who serves as the senior managing member of the General Partner and of SB LLC, with respect to shares of Common Stock directly owned by the Partnerships and OSS Overseas; and
- (viii) Mr. Andrew Goffe ("Mr. Goffe"), who serves as a managing member of the General Partner and of SB LLC, with respect to shares of Common Stock directly owned by the Partnerships and OSS Overseas.

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The Partnerships, OSS Overseas, the General Partner, the Investment Manager, SB LLC, Mr. Schafer and Mr. Goffe are hereinafter sometimes collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting Persons are made on information and

belief after making inquiry to the appropriate party.

ITEM 2

- (a) NAME OF PERSON FILING
- (i) O.S.S. Capital Management LP
 - (ii) Oscar S. Schafer & Partners I LP
 - (iii) Oscar S. Schafer & Partners II LP
 - (iv) O.S.S. Overseas Fund Ltd.
 - (v) O.S.S. Advisors LLC
 - (vi) Schafer Brothers LLC
 - (vii) Oscar S. Schafer
 - (viii) Andrew Goffe
- (b) ADDRESS OF PRINCIPAL OFFICE, OR, IF NONE, RESIDENCE
- The address of the principal business offices of each of:
- (i) Investment Manager
598 Madison Avenue
New York, NY 10022
 - (ii) OSS I
598 Madison Avenue
New York, NY 10022
 - (iii) OSS II
598 Madison Avenue
New York, NY 10022
 - (iv) OSS Overseas
Walkers SPV Limited
Mary Street
George Town
Grand Cayman KY1-9002
Cayman Islands, British West Indies
 - (v) General Partner
598 Madison Avenue
New York, NY 10022
 - (vi) SB LLC
598 Madison Avenue
New York, NY 10022
 - (vii) Mr. Schafer
598 Madison Avenue
New York, NY 10022
 - (viii) Mr. Goffe
598 Madison Avenue
New York, NY 10022

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- (c) CITIZENSHIP
- (i) Investment Manager - Delaware, USA
 - (ii) OSS I - Delaware, USA
 - (iii) OSS II - Delaware, USA
 - (iv) OSS Overseas - Cayman Islands
 - (v) General Partner - Delaware, USA
 - (vi) SB LLC - Delaware, USA
 - (vii) Mr. Schafer - USA
 - (viii) Mr. Goffe - USA
- (d) TITLE OF CLASS OF SECURITIES
Common Stock, par value \$0.01 per share
- (e) CUSIP NUMBER
228903100

Item 3. If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Act,

- (b) [] Bank as defined in Section 3(a)(6) of the Act,
 - (c) [] Insurance Company as defined in Section 3(a)(19) of the Act,
 - (d) [] Investment Company registered under Section 8 of the Investment Company Act of 1940,
 - (e) [] Investment Adviser in accordance with Rule 13d-1 (b)(1)(ii)(E),
 - (f) [] Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b)(1)(ii)(F),
 - (g) [] Parent Holding Company or control person in accordance with Rule 13d-1 (b)(1)(ii)(G),
 - (h) [] Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
 - (i) [] Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
 - (j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
- Not applicable.

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ITEM 4. OWNERSHIP.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: The Investment Manager may be deemed to beneficially own 1,269,693 Shares. OSS I may be deemed to beneficially own 59,039 Shares. OSS II may be deemed to beneficially own 648,125 Shares. OSS Overseas may be deemed to beneficially own 562,529 Shares. The General Partner may be deemed to beneficially own 707,164 Shares as a result of its voting and dispositive power over 707,164 Shares owned by the Partnerships. SB LLC may be deemed to beneficially own 1,269,693 as a result of its voting and dispositive power over 1,269,693 Shares owned by the Partnerships and OSS Overseas. Mr. Schafer may be deemed to beneficially own 1,269,693 by virtue of his voting and dispositive power over 1,269,693 Shares owned by the Partnerships and OSS Overseas. Mr. Goffe may be deemed to beneficially own 1,269,693 by virtue of his voting and dispositive power over 1,269,693 Shares owned by the Partnerships and OSS Overseas.

(b) PERCENTAGE BENEFICIALLY OWNED

Based on calculations made in accordance with Rule 13d-3(d), and there being 28,135,000 Shares outstanding:

- (i) Investment Manager may be deemed to beneficially own approximately 4.5% of the outstanding Shares;
- (ii) OSS I may be deemed to beneficially own approximately 0.2% of the outstanding Shares;
- (iii) OSS II may be deemed to beneficially own approximately 2.3% of the outstanding Shares;
- (iv) OSS Overseas may be deemed to beneficially own approximately 2.0% of the outstanding Shares;
- (v) General Partner may be deemed to beneficially own approximately 2.5% of the outstanding Shares;
- (vi) SB LLC may be deemed to beneficially own approximately 4.5% of the outstanding Shares;
- (vii) Mr. Schafer may be deemed to beneficially own approximately 4.5% of the outstanding Shares;

(viii) Mr. Goffe may be deemed to beneficially own approximately 4.5% of the outstanding Shares.

(c) NUMBER OF SHARES AS TO WHICH THE PERSON HAS:

- (i) Sole power to vote or to direct the vote -0-.
- (ii) Shared power to vote or to direct the vote 1,269,693.
- (iii) Sole power to dispose or to direct the disposition of -0-.
- (iv) Shared power to dispose or to direct the disposition of 1,269,693.

The Investment Manager, the General Partner, SB LLC, Mr. Schafer and Mr. Goffe expressly declare that this filing shall not be construed as an admission that each is, for the purposes of sections 13(d) or 13(g) of the Act, the beneficial owner of any securities covered by this filing.

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ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

Not applicable.

Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

See Item 2.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

Not applicable.

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ITEM 10. CERTIFICATION

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 17, 2009

Date

/s/ Oscar S. Schafer

Signature
Oscar S. Schafer, Managing Partner

Name/Title
February 17, 2009

Date
/s/ Andrew Goffe

Signature
Andrew Goffe, Managing Member

Name/Title

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See ss.240.13d-7 for other parties for whom copies are to be sent.

ATTENTION: INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACT CONSTITUTE FEDERAL CRIMINAL VIOLATIONS (SEE 18 U.S.C. 1001)

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EXHIBIT 1

JOINT ACQUISITION STATEMENT
PURSUANT TO RULE 13d-1(k)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G/A, is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G/A, shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

DATED: February 17, 2009

Oscar S. Schafer

/s/ Oscar S. Schafer

individually and as senior managing member
of (a) O.S.S. Advisors LLC,
for itself and as the general partner of
(i) Oscar S. Schafer & Partners I LP;
and
(ii) Oscar S. Schafer & Partners II LP;
and (b) Schafer Brothers LLC,
for itself and as the general
partner of O.S.S. Capital

Management LP and investment manager
of O.S.S. Overseas Fund Ltd.

Andrew Goffe

/s/ Andrew Goffe

individually