

NxStage Medical, Inc.
Form 4
August 13, 2008

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
PHILDIUS PETER P

(Last) (First) (Middle)

**C/O NXSTAGE MEDICAL,
INC., 439 SOUTH UNION
STREET, 5TH FLOOR**

(Street)

LAWRENCE, MA 01843

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
NxStage Medical, Inc. [NXTM]

3. Date of Earliest Transaction
(Month/Day/Year)
08/11/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	08/11/2008		M		32,170	A	\$ 0.37 35,812
Common Stock	08/11/2008		S		12,100	D	\$ 4.211 23,712

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.37	08/11/2008		M	32,170	09/01/1999 08/31/2009	Common Stock	32,170

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

PHILDIUS PETER P
C/O NXSTAGE MEDICAL, INC.
439 SOUTH UNION STREET, 5TH FLOOR
LAWRENCE, MA 01843

X

Signatures

/s/ Winifred L. Swan,
attorney-in-fact

08/13/2008

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The shares were purchased in multiple transactions on August 11, 2008 at an actual purchase price ranging from \$4.22 to \$4.2102 per share. The price reported reflects the weighted average purchase price for the transactions. The reporting person undertakes to provide upon request by the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares purchased at each separate price.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.