

SELECT MEDICAL HOLDINGS CORP  
 Form 4  
 December 19, 2013

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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**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 \*  
**WELSH CARSON ANDERSON & STOWE IX LP**

2. Issuer Name and Ticker or Trading Symbol  
**SELECT MEDICAL HOLDINGS CORP [SEM]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**C/O WELSH, CARSON, ANDERSON & STOWE, 320 PARK AVENUE, SUITE 2500**

3. Date of Earliest Transaction (Month/Day/Year)  
**12/17/2013**

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

(Street)  
**NEW YORK, NY 10022**

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_\_ Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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)
Common Stock	12/17/2013		S	177,032 D	\$ 9.95 (1) 30,240,659	D (2) (3) (4)	
Common Stock	12/18/2013		S	382,844 D	\$ 10.3 (5) 29,857,815	D (2) (3) (4)	
Common Stock	12/19/2013		S	307,888 D	\$ 10.35 (6) 29,549,927	D (2) (3) (4)	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

**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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

WELSH CARSON ANDERSON & STOWE IX LP  
C/O WELSH, CARSON, ANDERSON & STOWE  
320 PARK AVENUE, SUITE 2500  
NEW YORK, NY 10022

X

SWANI SANJAY  
C/O WELSH, CARSON, ANDERSON AND STOWE  
320 PARK AVENUE, SUITE 2500  
NEW YORK, NY 10022

X

MACKESY D SCOTT  
C/O WELSH, CARSON, ANDERSON AND STOWE  
320 PARK AVENUE, SUITE 2500  
NEW YORK, NY 10022

X

TRAYNOR SEAN  
C/O WELSH, CARSON, ANDERSON AND STOWE  
320 PARK AVENUE, SUITE 2500  
NEW YORK, NY 10022

X

Donovan Michael  
C/O WELSH, CARSON, ANDERSON AND STOWE  
320 PARK AVENUE, SUITE 2500  
NEW YORK, NY 10022

X

