SELECT MEDICAL HOLDINGS CORP Form SC 13G January 25, 2010

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No \_\_)\*

Select Medical Holdings Corporation

(Name of Issuer)

Common Stock, \$0.001 par value

(Title of Class of Securities)

81619Q105

(CUSIP Number)

September 24, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

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

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose 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).

<sup>\*</sup>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.

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1.	Name of Reporting Person I.R.S. Identification		, Carson, Anderson & Stower pplicable	e IX, L.P.
	No. of Above Person			
2.	(Entities Only) Check the Appropriate Box	(a) X		
	if a Member of a Group	(b) o		
3.	SEC Use Only			
4.	Citizenship or Place	Delaw	are	
	of Organization			
Number of		5.	Sole Voting Power	59,150,158
Shares Beneficially		6.	Shared Voting	-0-
Owned by Each		7.	Power Sole Dispositive	59,150,158
Reporting Person		8.	Power Shared Dispositive Power	-()-
With			Shared 2 ispositive 10 wer	·
9.	Aggregate Amount Beneficially Owned by Each Reporting Person			
		59,150	0,158	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares			
11.	Percent of Class Represented by Amoun	0 t		
11.	in Row (9)	37.0%	)	
12.	Type of Reporting Person	PN		

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1.	Name of Reporting Person I.R.S. Identification		S Capital Partners IV, L.P. pplicable		
	No. of Above Person				
	(Entities Only)				
2.	Check the Appropriate Box	(a) X			
	if a Member of a Group	(b) o			
3.	SEC Use Only				
4.	Citizenship or Place	Delaware			
	of Organization				
Number o	f	5.	Sole Voting	2,650,586	
Shares Be	neficially	6.	Power	-0-	
Situres 20		0.	Shared Voting	-0-	
Owned by Each		7	Power	2 (50 50)	
- · · · · · · · · · · · · · · · · · · ·		7.	Sole Dispositive	2,650,586	
Reporting Person			Power		
, ,		8.	Shared Dispositive Power	-0-	
With					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person				
	by Each Reporting Ferson				
10		2,650,	586		
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares				
	Row (9) Excludes Certain Shares				
11.	Percent of Class Represented by Amount	0			
11.	in Row (9)	1.7%			
12.	Type of Reporting Person	PN			
•	VI	•			

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Schedule 13G	
Item 1.	
(a) Name of Issuer:	
Select Medical Holdings Corporation	
(b) Address of Issuer's Principal Executive Offices:	
4714 Gettysburg Road	
Mechanicsburg, PA 17055	
Item 2.  (a) Name of Person Filing:	
This statement is being filed by Welsh, Carson, Anderson & Stowe IX, L.P., a Dela Partners IV, L.P., a Delaware limited partnership ("WCAS CP IV"), (each a "Repor Persons are making this single, joint filing because they may be deemed to constitut Securities Exchange Act of 1934, as amended.  (b) Address of Principal Business Office of each Reporting Person:	ting Person" and together, the "Reporting Persons"). The Reporting
320 Park Avenue, Suite 2500 New York, NY 10022	
(c) Place of Organization of each Reporting Person:	
Delaware	

(d)	Title of Class of Securities:
Common	Stock, \$0.001 par value
(e)	CUSIP Number:
81619Q1	05

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Item 3.	Statements filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c):
Not Applicabl	e.
Item 4.	Ownership.
(a) through	gh (c):
	on requested hereunder is set forth in Items 5 through 9 and 11 of the cover pages to this Schedule 13G. The ownership e based on 159,980,544 shares of Common Stock outstanding as of December 31, 2009.
	CAS Management Corporation, a Delaware corporation, which is an entity affilitated with the Reporting Persons, beneficially hares of Common Stock, or less than 0.1% of the Common Stock outstanding.
Item 5.	Ownership of Five Percent or Less of a Class.
	Not Applicable.
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.
	Not Applicable.
	entification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Control Person.
	Not applicable.
Item 8.	Identification and Classification of Members of the Group.
	See Exhibit 2.
Item 9.	Notice of Dissolution of Group.

	Not applicable.
Item 10.	Certification.
	Not applicable.

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#### **SIGNATURE**

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

Dated: January 25, 2010

WELSH, CARSON, ANDERSON & STOWE IX, L.P.

By WCAS IX Associates LLC, its general partner

By: /s/ David Mintz Attorney-in-Fact WCAS CAPITAL PARTNERS IV, L.P.

By WCAS CP IV Associates LLC, its general partner

By: /s/ David Mintz Attorney-in-Fact

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Exhibit 1

JOINT FILING AGREEMENT

The undersigned hereby agree, in compliance with the provisions of Rule 13d-1(k) promulgated under the Securities Exchange Act of 1934, as amended, that the Schedule 13G to which this Agreement is attached as an Exhibit, and any amendments thereto, will be filed with the Securities and Exchange Commission jointly on behalf of each of them.

Dated: January 25, 2010

WELSH, CARSON, ANDERSON & STOWE IX, L.P.

By WCAS IX Associates LLC, its general partner

By:/s/ David Mintz Attorney-in-Fact WCAS CAPITAL PARTNERS IV, L.P.

By WCAS CP IV Associates LLC, its general partner

By:/s/ David Mintz Attorney-in-Fact

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Exhibit 2	
Identification and Classification of Members of the Group	
Welsh, Carson, Anderson & Stowe IX, L.P and WCAS Capital Partners IV, L.P. are filing this statement on	Schedule 13G as a group.
Welsh, Carson, Anderson & Stowe IX, L.P is a Delaware limited partnership. Its sole general partner is WC limited liability company.	AS IX Associates LLC, a Delaware
WCAS Capital Partners IV, L.P. is a Delaware limited partnership. Its sole general partner is WCAS CP IV liability company.	Associates, LLC, a Delaware limited