

Hueber Robert M  
 Form 4  
 September 22, 2010

**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 \*  
 Hueber Robert M

2. Issuer Name and Ticker or Trading Symbol  
 ATHENAHEALTH INC [ATHN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 311 ARSENAL STREET  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 09/22/2010

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

WATERTOWN, MA 02472

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)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	09/15/2010		G	V	191 <sup>(1)</sup>	D	\$ 0 10,382 D
Common Stock	09/15/2010		G	V	191 <sup>(1)</sup>	D	\$ 0 10,191 D
Common Stock	09/15/2010		G	V	191 <sup>(1)</sup>	D	\$ 0 10,000 D
Common Stock	09/22/2010		M		163	A	\$ 0.62 10,163 D
Common Stock	09/22/2010		M		10,000	A	\$ 0.62 20,163 D

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Common Stock	09/22/2010	S	10,163 (2)	D	\$ 30.42 (3)	10,000	D
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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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Stock Option (Right to Buy)	\$ 0.62	09/22/2010		M	163	04/16/2003	04/16/2013	Common Stock	163
Stock Option (Right to Buy)	\$ 0.62	09/22/2010		M	10,000	02/06/2004	02/06/2014	Common Stock	10,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Hueber Robert M 311 ARSENAL STREET WATERTOWN, MA 02472			SVP, Sales	

## Signatures

/s/ Daniel H. Orenstein Attorney-in-Fact	09/22/2010
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\_\_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) These shares were a bona fide gift to the children of the Reporting Person.

(2) The sales reported on this Form 4 were made pursuant to a written trading plan adopted by the Reporting Person on June 11, 2009, in accordance with Rule 10b5-1.

This price represents the weighted average of sales ranging from \$30.18 to \$30.89. Upon request by the Commission staff, the Issuer, or a security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold 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.

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