UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 15, 2012

InfuSystem Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-51902

(Commission File Number)

20-3341405

(I.R.S. Employer Identification No.)

31700 Research Park Drive Madison Heights, Michigan 48071 (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (248) 291-1210

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On May 15, 2012, InfuSystem Holdings, Inc. issued a press release announcing that the Company will provide its financial results for the fiscal quarter ended March 31, 2012 on May 21, 2012. A copy of the press release is furnished as an exhibit to this Form 8-K.

Item 9.01. Financial Statements and Exhibits

(a) Financial statements:

None

(b) Pro forma financial information:

None

(c) Shell company transactions:

None

(d) Exhibits

99.1 Press Release of InfuSystem Holdings, Inc. dated May 15, 2012

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

INFUSYSTEM HOLDINGS, INC.

By: /s/ Jonathan P. Foster
Jonathan P. Foster
Chief Financial Officer

Dated: May 16, 2012

<u>Index to Exhibits</u>

Exhibit No. Description

Exhibit 99.1 Press Release of InfuSystem Holdings, Inc. dated May 15, 2012



INVESTOR CONTACT:

Jonathan P. Foster Chief Financial Officer

Info@InfuSystem.com 248-291-1210

FOR IMMEDIATE RELEASE Tuesday, May 15, 2012

InfuSystem Holdings, Inc. 31700 Research Park Drive Madison Heights, Michigan 48071 248-291-1210

Q1 EARNINGS CALL RELEASE: May 15 – 10:00 a.m.

INFUSYSTEM HOLDINGS, INC. TO ANNOUNCE FIRST QUARTER 2012 FINANCIAL RESULTS ON MAY 21, 2012

MADISON HEIGHTS, MI. MAY 15, 2012 – InfuSystem Holdings, Inc. (NYSE MKT; INFU), the leading national provider of infusion pumps and related services for the healthcare industry, today announced that it will release results for the first quarter 2012 on Monday, May 21, 2012 following the market close.

The Company will host a live conference call on Tuesday, May 22, 2012 at 9:00 a.m. Eastern time. To participate in the call, please dial in toll-free (888)-895-5271 and use the confirmation number 32474314 to be connected. Alternatively, you can visit the Company's website at http://www.infusystem.com/investors. A transcript of the conference call will be available via the website for 30 days following the call.

About InfuSystem Holdings, Inc.

InfuSystem Holdings, Inc. is the leading provider of infusion pumps and related services to hospitals, oncology practices and other alternate site healthcare providers. Headquartered in Madison Heights, Michigan, the company delivers local, field-based customer support, and also operates Centers of Excellence in Michigan, Kansas, California, and Ontario, Canada. The company's stock is traded on the NYSE MKT under the symbol INFU.

CONTACT

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