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

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**Post-Effective Amendment No. 1 to Form S-3 Registration Statement No. 333-195887  
Post-Effective Amendment No. 1 to Form S-3 Registration Statement No. 333-195921**

**FORM S-3  
REGISTRATION STATEMENT  
*UNDER*  
*THE SECURITIES ACT OF 1933***

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**CAREFUSION CORPORATION**  
(Exact name of Registrant as specified in its charter)

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**Delaware**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**26-4123274**  
(I.R.S. Employer  
Identification Number)

**CareFusion Corporation  
3750 Torrey View Court  
San Diego, California 92130  
(858) 617-2000**  
(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

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**Jeffrey S. Sherman, Esq.  
Senior Vice President and General Counsel**

**CareFusion Corporation  
3750 Torrey View Court  
San Diego, California 92130  
(858) 617-2000**

**(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)**

*Copies to:*

**Paul Schnell, Esq.  
C. Michael Chitwood, Esq.  
Skadden, Arps, Slate, Meagher & Flom LLP  
Four Times Square  
New York, New York 10036  
(212) 735-2000**

**Approximate date of commencement of proposed sale to the public: Not applicable**

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. ☐

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. ☐

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. ☒

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 431(b) under the Securities Act, check the following box. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of “large accelerated filer,” “accelerated filer” and “smaller reporting company” in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller Reporting Company	<input type="checkbox"/>

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## DEREGISTRATION OF SECURITIES

These post-effective amendments (the “Post-Effective Amendments”) relate to the following registration statements on Form S-3 (together, the “Registration Statements”):

1. Registration Statement No. 333-195887, registering debt securities, shares of common stock, par value \$0.01 per share (“Common Stock”) of CareFusion Corporation (the “Company”), shares of preferred stock, par value \$0.01 per share of the Company, warrants and units, which was filed with the SEC on May 12, 2014; and
2. Registration Statement No. 333-195921, registering 220,178 shares of Common Stock, which was filed with the SEC on May 13, 2014.

On October 5, 2014, the Company entered into an Agreement and Plan of Merger (the “Merger Agreement”) with Becton, Dickinson and Company, a New Jersey corporation (“BD”), and Griffin Merger Sub, Inc. (“Merger Corp”). Pursuant to the Merger Agreement, on March 17, 2015, Merger Corp was merged with and into the Company (the “Merger”). Upon consummation of the Merger, the Company became a wholly-owned subsidiary of BD.

In connection with the Merger, the Company has terminated any offering of the Company’s securities pursuant to these Post-Effective Amendments to the Registration Statements. In accordance with an undertaking made by the Company in the Registration Statements to remove from registration, by means of post-effective amendments, any of the securities that had been registered for issuance that remain unsold at the termination of the offering, the Company hereby removes from registration all of such securities of the Company registered under the Registration Statements that remain unsold as of the date of these Post-Effective Amendments, and to terminate the effectiveness of the Registration Statements.

The foregoing description of the Merger, the Merger Agreement and the transactions contemplated thereby does not purport to be complete and is subject to, and qualified in its entirety by, the Merger Agreement, which is attached as Exhibit 2.1 to the Company’s Current Report on Form 8–K filed with the SEC on October 6, 2014.

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## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused these Post-Effective Amendments to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Franklin Lakes, State of New Jersey, on this 17th day of March, 2015.

### CAREFUSION CORPORATION

By:	<u>/s/ Jeffrey S. Sherman</u>
Name:	Jeffrey S. Sherman
Title:	Senior Vice President and General Counsel

No other person is required to sign these Post-Effective Amendments in reliance upon Rule 478 under the Securities Act of 1933, as amended.