

Cardiovascular Systems Inc  
Form POS AM  
August 27, 2015

As filed with the Securities and Exchange Commission on August 27, 2015

Registration No. 333-177327  
UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1 TO

Form S-3

REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

CARDIOVASCULAR SYSTEMS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction  
of incorporation or organization)

1225 Old Highway 8 NW  
St. Paul, Minnesota 55112-6416  
(651) 259-1600

(Address, including zip code, and telephone number, including area code, of principal executive offices)

No. 41-1698056

(I.R.S. Employer  
Identification Number)

Laurence L. Betterley  
Chief Financial Officer  
Cardiovascular Systems, Inc.

1225 Old Highway 8 NW  
St. Paul, Minnesota 55112-6416  
(651) 259-1600

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Please send copies of all communications to:

Robert K. Ranum, Esq.  
Fredrikson & Byron, P.A.  
200 South Sixth Street, Suite 4000  
Minneapolis, MN 55402  
Fax: (612) 492-7077

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:

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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 413(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 on

Large accelerated filer       Accelerated filer       Non-accelerated filer       Smaller reporting company

(Do not check if a smaller reporting company)

EXPLANATORY NOTE

On October 14, 2011, Cardiovascular Systems, Inc. (the “Company”) filed with the Securities and Exchange Commission a registration statement on Form S-3, Registration No. 333-177327 (the “Registration Statement”), registering 328,988 shares of Company common stock, \$0.001 par value per share, consisting of:

- 161,747 shares of common stock that were issued to certain selling stockholders upon the prior exercise of warrants to purchase Company common stock, which warrants were originally issued in July 2006; and
- 167,241 shares of common stock that were to be issued to certain selling stockholders upon the future exercise of warrants to purchase our common stock, which warrants were originally issued in February 2009.

The Registration Statement was filed pursuant to the terms of a registration rights agreement between the Company and the selling stockholders, among others, and the Registration Statement was declared effective on October 27, 2011. Subsequent to the effective date, the registration rights agreement terminated as to the selling stockholders. Pursuant to the undertaking of the Company as required by Item 512(a)(3) of Regulation S-K, the Company is filing this Post-Effective Amendment No. 1 (the “Post-Effective Amendment”) to the Registration Statement to deregister all common stock of the Company registered on the Registration Statement that remains unsold under such Registration Statement.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, 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 this Post-Effective Amendment No.1 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of St. Paul, State of Minnesota, on the 27th day of August, 2015.

Dated: August 27, 2015

CARDIOVASCULAR SYSTEMS, INC.

By: /s/ David L. Martin  
David L. Martin  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to the Registration Statement has been signed by the following persons in the capacities indicated on August 27, 2015:

Signature	Title
/s/ David L. Martin	President, Chief Executive Officer and Director (principal executive officer)
David L. Martin	
/s/ Laurence L. Betterley	Chief Financial Officer (principal financial and accounting officer)
Laurence L. Betterley	
/s/ Scott Bartos	Director
Scott Bartos	
*	Director
Brent G. Blackey	
*	Director
Edward Brown	
/s/ William E. Cohn, M.D. William E. Cohn, M.D.	Director
*	Director
Augustine Lawlor	
*	Director
Leslie L. Trigg	
/s/ Scott Ward Scott Ward	Director

By:

\* /s/ Laurence L. Betterley  
Laurence L. Betterley, as attorney-in-fact