

(650) 226-0120

(Registrant's telephone number, including area code)

N/A

(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:

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 8.01 Other Events.

On December 29, 2016, BioCardia, Inc. (the “Company”) issued a press release announcing the initiation of the Company’s pivotal CardiAMP heart failure trial at two U.S. centers.

A copy of the press release containing the announcement is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference herein.

ITEM 9.01. Financial Statements and Exhibits.

(d) Exhibits

A list of exhibits furnished as part of this report is set forth in the Exhibit Index, which is presented elsewhere in this document, and is incorporated herein by reference.

SIGNATURES

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.

Date: December 29, 2016

BIOCARDIA, INC.
By: /s/ Peter Altman
Peter Altman
President and CEO

EXHIBIT INDEX

Exhibit No. Exhibit Description

99.1 Press Release dated December 29, 2016