

**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): February 22, 2018

Natus Medical Incorporated

(Exact name of registrant as specified in its charter)

**000-33001
(Commission File Number)**

**Delaware
(State or other jurisdiction
of Incorporation)**

**77-0154833
(I.R.S. Employer
Identification No.)**

**6701 Koll Center Parkway, Suite 120
Pleasanton, CA 94566
(Address of principal executive offices)**

**925-223-6700
(Registrant's telephone number, including area code)**

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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1953 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01. Other Events.

On February 22, 2018 the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated February 22, 2018

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.

NATUS MEDICAL INCORPORATED
(Registrant)

Dated: February 22, 2018

By: /s/ Jonathan A. Kennedy
Executive Vice President and Chief Financial Officer

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated February 22, 2018



Natus Announces \$30 Million Share Repurchase Program

Pleasanton, Calif., February 22, 2018 - Natus Medical Incorporated (NASDAQ: BABY) announced that its Board of Directors has authorized the repurchase of up to \$30 million of the Company's common stock. The expiration date is set for February 26, 2019.

The Company intends to use cash on hand, cash generated from operations, existing credit facilities or other financing to fund the share repurchase program. As of December 31, 2017, the Company had cash and cash equivalents of approximately \$89 million and availability under an existing line of credit of \$70 million.

The timing and amount of repurchases will be subject to applicable legal requirements including federal and state securities laws. Purchases will be made in open market transactions effected through a broker-dealer at prevailing market prices, in block trades, or in privately negotiated transactions. Shares may also be purchased pursuant to a trading plan meeting the requirements of Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, which would permit shares to be repurchased when the Company might otherwise be precluded from doing so under insider trading laws.

About Natus Medical Incorporated

Natus is a leading provider of healthcare products and services used for the screening, detection, treatment, monitoring and tracking of common medical ailments in newborn care, hearing impairment, neurological dysfunction, neurosurgery, epilepsy, sleep disorders, and balance and mobility disorders.

Additional information about Natus Medical can be found at www.natus.com.

Natus Medical Incorporated
Jonathan A. Kennedy
Executive Vice President and Chief Financial Officer
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