
**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): January 29, 2015

INTUITIVE SURGICAL, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

000-30713
(Commission
File Number)

77-0416458
(I.R.S. Employer
Identification No.)

1020 Kifer Road
Sunnyvale, California 94086
(Address of principal executive offices) (zip code)

Registrant's telephone number, including area code: (408) 523-2100

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))
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Item 7.01. Regulation FD Disclosure.

On January 29, 2015, the Board of Directors of Intuitive Surgical, Inc. (the “Company”) authorized the Company to repurchase up to \$1.0 billion of the Company’s outstanding common stock. A copy of the Company’s press release announcing the increase in the share repurchase program is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information in this Item 7.01, including information incorporated herein by reference, is intended to be furnished and shall not be deemed “Filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

d) Exhibits.

The following exhibit is furnished with this report on Form 8-K:

99.1 Press release issued by Intuitive Surgical, Inc., dated February 2, 2015.

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.

INTUITIVE SURGICAL, INC.
(Registrant)

Date: February 2, 2015

By /s/ Marshall L. Mohr

Name: Marshall L. Mohr

Title: Senior Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press release issued by Intuitive Surgical, Inc., dated February 2, 2015.

Contact: Investor Relations
(408) 523-2161

INTUITIVE SURGICAL ANNOUNCES \$1.0 BILLION SHARE REPURCHASE PROGRAM

SUNNYVALE, Calif., February 2, 2015 - Intuitive Surgical, Inc. (Nasdaq: ISRG), the industry leader in robotic-assisted surgery, today announced that its Board of Directors has authorized the Company to repurchase up to \$1.0 billion of the Company's outstanding common stock.

"We continue to use our cash to invest in our business by advancing our technology, growing our presence outside of the U.S. and driving adoption of robotic-assisted minimally invasive surgery," said Marshall Mohr, Chief Financial Officer, Intuitive Surgical. "We also seek to return excess cash to our shareholders, and this authorization gives us the flexibility to act given the right opportunity."

The timing and total amount of stock repurchases will depend upon market conditions and may be made from time to time in open market purchases, privately negotiated transactions, accelerated share repurchase programs, issuer self-tender offers or otherwise, as determined by the Company's management. The repurchases will be made in compliance with, and at such times as permitted by, federal securities law and may be suspended or discontinued at any time. The repurchase program does not obligate the Company to acquire any particular amount of common stock. The Company expects to fund the repurchase program through cash and investments. As of December 31, 2014, the Company had approximately \$2.5 billion in cash, cash equivalents, and investments.

About Intuitive Surgical, Inc.

Intuitive Surgical, Inc. (Nasdaq: ISRG), headquartered in Sunnyvale, Calif., is the global leader in robotic-assisted, minimally invasive surgery. Intuitive Surgical develops, manufactures and markets the *da Vinci* Surgical System. Intuitive Surgical's mission is to extend the benefits of minimally invasive surgery to those patients who can and should benefit from it.

About the *da Vinci* Surgical System

The *da Vinci* Surgical System is a surgical platform designed to enable complex surgery using a minimally invasive approach. The *da Vinci* Surgical System consists of an ergonomic surgeon console or consoles, a patient-side cart with three or four interactive arms, a high-performance vision system and proprietary *EndoWrist*® instruments. Powered by state-of-the-art technology, the *da Vinci* Surgical System is designed to scale, filter and seamlessly translate the surgeon's hand movements into more precise movements of the *EndoWrist* instruments. The net result is an intuitive interface with improved surgical capabilities. By providing surgeons with superior visualization, enhanced dexterity, greater precision and ergonomic comfort, the *da Vinci* Surgical System makes it possible for skilled surgeons to perform more minimally invasive procedures involving complex dissection or reconstruction. For more information about clinical evidence related to *da Vinci* Surgery, please visit www.intuitivesurgical.com/company/clinical-evidence/.

da Vinci® and *EndoWrist*® are trademarks of Intuitive Surgical, Inc.

Forward-Looking Statements

This press release contains forward-looking statements, including statements regarding the repurchase by the Company of up to \$1.0 billion of its common stock, the Company's uses of its cash, including the return of excess cash to stockholders, the amount of cash that may be available for stock repurchases, and the timing and form of stock repurchase transactions. These forward-looking statements are necessarily estimates reflecting the best judgment of our management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. These forward-looking statements should, therefore, be considered in light of various important factors, including the following: the market prices of the Company's common stock; the origin of funds used for such repurchases; the impact of global and regional economic and credit market conditions, as well as the risk of bank failures, insolvency or illiquidity of other financial institutions and other adverse conditions in financial markets that could cause a loss of our cash, cash equivalents and investments; and other risk factors under the heading "Risk Factors" in our report on Form 10-K for the year ended December 31, 2013, as updated by our quarterly reports on Form 10-Q and our other filings with the Securities and Exchange Commission. Statements using words such as "estimates," "projects," "believes," "anticipates," "plans," "expects," "intends," "may," "will," "could," "should," "would," "targeted" and similar words and expressions are intended to identify forward-looking statements. You are cautioned not to place undue reliance on these forward looking statements, which speak only as of the date of this press release. We undertake no obligation to publicly update or release any revisions to these forward-looking statements, except as required by law.