

**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 24, 2017

MRI INTERVENTIONS, INC.

(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction
of incorporation)

000-54575
(Commission
File Number)

58-2394628
(I.R.S. Employer
Identification Number)

5 Musick
Irvine, Ca. 92618
(Address of principal executive offices, zip code)

(949) 900-6833
(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:

- 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 2.02. Results of Operations and Financial Condition.

On January 24, 2017, MRI Interventions, Inc. (the “Company”) issued a press release announcing its financial performance for the fourth fiscal quarter and fiscal year ended December 31, 2016. A copy of the press release is furnished herewith as Exhibit 99.1.

The information in Item 2.02 of this Form 8-K, as well as Exhibit 99.1 attached hereto, shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the “Securities Act”), or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The following exhibits are furnished herewith:

Exhibit 99.1 Press Release dated January 24, 2017.

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: January 24, 2017

MRI INTERVENTIONS, INC.

By: /s/ Harold A. Hurwitz
Harold A. Hurwitz
Chief Financial Officer

INDEX TO EXHIBITS

Exhibit Number	Description
Exhibit 99.1	Press Release dated January 24, 2017.



Contact: Harold A. Hurwitz, Chief Financial Officer
(949) 900-6833

For Immediate Release

**MRI INTERVENTIONS, INC. ANNOUNCES YEAR-END UPDATE, INCLUDING
2016 FOURTH QUARTER AND FULL YEAR REVENUES**

***2016 Disposable Product Revenues Increase 36% Over 2015
Continued Progress in Clinical Programs Utilizing MRIC's ClearPoint® System Recently Reported***

IRVINE, CA, January 24, 2017 – MRI Interventions, Inc. (OTCQB: MRIC) today announced its preliminary revenues for the fourth quarter and the year ended December 31, 2016, and reiterated clinical progress reported by Voyager Therapeutics, Inc. (NASDAQ: VYGR) regarding their VY-AADC01 Phase 1b trial, which utilizes MRI Interventions' ClearPoint® Neuro Navigation System and SmartFlow® Cannula.

Management's Comments

Frank Grillo, MRI Interventions' President and CEO, noted, "We are pleased to see the continuing increase in our disposable product sales, as evidenced by a 35% increase in the fourth quarter of 2016 over the same period in 2015 and a 36% increase year over year. This growth in disposables shows the ongoing adoption of our technology in a variety of neurosurgical procedures. For the first time, we exceeded 500 procedures in a calendar year, a trend we expect to continue. We were also pleased to see the recent clinical trial progress announced by Voyager Therapeutics last week. Voyager reported that the clinical trial of its gene therapy, VY-AADC01, is progressing well with all five patients in Cohort 3 successfully completing treatment. The use of real-time, intra-operative MRI-guided delivery allowed the surgical teams to visualize the delivery of VY-AADC01 and to achieve greater average coverage of the putamen in Cohort 3 (42%) compared to Cohort 2 (34%) with similar infusion volumes and Cohort 1 (21%) with a lower infusion volume. The ongoing Phase 1b trial utilizes our ClearPoint Neuro Navigation System and SmartFlow Cannula, enabling real-time, MRI guided infusion of VY-AADC01. Our products enable surgeons in this trial, and other trials, to visualize real-time infusions of the drug directly into the desired target in the brain, and we are proud to see our products now being used in at least six different clinical and pre-clinical trials."

Revenue for Year Ended December 31, 2016

ClearPoint disposable product sales for the year ended December 31, 2016 were \$4.8 million, compared with \$3.5 million for the same period in 2015, representing an increase of \$1.3 million, or 36%. This increase was due primarily to a greater number of procedures in 2016, which, as previously reported, exceeded 500 procedures for the first time in the Company's history, using the ClearPoint Neuro Navigation System, relative to 2015.

ClearPoint reusable product sales for the year ended December 31, 2016 were \$831,000, compared with \$907,000 for the same period in 2015. Reusable products consist primarily of computer hardware and software bearing sales prices that are appreciably higher than those for disposable products and historically have fluctuated from period to period.

5 Musick, Irvine, California 92618 949.900.6833

Total revenues were \$5.7 million for the year ended December 31, 2016, and \$4.6 million for the same period in 2015, an increase of \$1.2 million, or 25%.

Revenue for Quarter Ended December 31, 2016

ClearPoint disposable product sales for the three months ended December 31, 2016 were \$1.4 million, compared with \$1.0 million for the same period in 2015, representing an increase of \$354,000, or 35%. This increase was due primarily to a greater number of procedures performed using the ClearPoint Neuro Navigation System in the fourth quarter of 2016, relative to the same period in 2015.

ClearPoint reusable product sales for the three months ended December 31, 2016 were \$224,000, and \$438,000 for the same period in 2015.

Total revenues were \$1.6 million for the three months ended December 31, 2016, and \$1.5 million for the same period in 2015, an increase of \$124,000, or 8%.

MRI Interventions plans a full release of its results for the three months and year ended December 31, 2016 in February 2017.

About MRI Interventions, Inc.

Building on the imaging power of magnetic resonance imaging (“MRI”), MRI Interventions is creating innovative platforms for performing the next generation of minimally invasive surgical procedures in the brain. The ClearPoint Neuro Navigation System, which has received 510(k) clearance and is CE marked, utilizes a hospital’s existing diagnostic or intraoperative MRI suite to enable a range of minimally invasive procedures in the brain. For more information, please visit www.mriinterventions.com.

Forward-Looking Statements

Statements herein concerning MRI Interventions, Inc. (the “Company”) plans, growth and strategies may include forward-looking statements within the context of the federal securities laws. Statements regarding the Company’s future events, developments and future performance, as well as management’s expectations, beliefs, plans, estimates or projections relating to the future, are forward-looking statements within the meaning of these laws. Uncertainties and risks may cause the Company’s actual results to differ materially from those expressed in or implied by forward-looking statements. Particular uncertainties and risks include those relating to: the Company’s ability to obtain additional financing; estimates regarding the sufficiency of the Company’s cash resources; future revenues from sales of the Company’s ClearPoint Neuro Navigation System products; and the Company’s ability to market, commercialize and achieve broader market acceptance for the Company’s ClearPoint Neuro Navigation System products. More detailed information on these and additional factors that could affect the Company’s actual results are described in the “Risk Factors” section of the Company’s Annual Report on Form 10-K for the year ended December 31, 2015, and its Quarterly Report on Form 10-Q for the quarter ended September 30, 2016, both of which have been filed with the Securities and Exchange Commission, as well as the Company’s Annual Report on Form 10-K for the year ended December 31, 2016, which will be filed with the Securities and Exchange Commission on or before March 31, 2017.
