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): November 17, 2015

NovoCure Limited
(Exact name of registrant as specified in its charter)

Jersey (Channel Islands) 001-37565 Not Applicable
(State or other jurisdiction (Commission (IRS Employer
of incorporation) File Number) Identification No.)

Le Masurier House
La Rue Le Masurier
St. Helier, Jersey
(Address of principal executive offices)

JE2 4YE
(Zip Code)

Registrant’s telephone number, including area code: +44 (0)15 3475 6700
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 (see General Instruction A.2. to Form 8-K):

☐ 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

The press releases of NovoCure Limited, two dated November 17, 2015 and one dated November 20, 2015, are filed herewith as Exhibits 99.1, 99.2 and 99.3.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

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<th>Exhibit No.</th>
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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.

NovoCure Limited
(Registrant)

Date: November 20, 2015

By: /s/ Wilco Groenuysen

Name: Wilco Groenuysen
Title: Chief Financial Officer
<table>
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<th>Exhibit No.</th>
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Novocure Announces 18 Presentations on Tumor Treating Fields at SNO 2015 Including New Analyses of the EF-14 Newly Diagnosed Glioblastoma Clinical Trial Data

Quality of life was maintained throughout treatment with Tumor Treating Fields

**EF-14 patients who continued Tumor Treating Fields concurrent with second-line chemotherapy at first recurrence of glioblastoma lived significantly longer than patients who received chemotherapy alone**

St. Helier, Jersey – Nov. 17, 2015 – Novocure (NASDAQ: NVCR), a commercial stage oncology company, announced today that a record number of abstracts focusing on Tumor Treating Fields (TTFields) were accepted and will be presented at the 20th Annual Meeting of the Society for Neuro-Oncology on Nov. 19-22 in San Antonio, including oral presentations of two new analyses of the EF-14 superiority data for Optune in combination with temozolomide for the treatment of newly diagnosed glioblastoma (GBM).

TTFields are low-intensity, intermediate frequency, alternating electric fields that inhibit cancer cell replication, leading to cancer cell death. TTFields therapy is administered by a portable, non-invasive medical device designed for continuous use by patients.

“There will be 18 presentations on TTFields at SNO this year, a record for Novocure,” said Eilon Kirson, Novocure’s Chief Science Officer and Head of Research and Development. “This growing interest from the scientific community points to the strength of the EF-14 data and the potential for TTFields to treat a variety of solid tumors.”

The conference will include two oral abstract presentations with additional data from the EF-14 trial of Optune in combination with temozolomide for newly diagnosed GBM. One presentation will focus on quality of life and will show that the use of TTFields therapy with temozolomide did not adversely affect newly diagnosed patients’ quality of life, cognitive and functional capabilities, and day-to-day living. The second presentation will focus on the survival benefit of TTFields after recurrence and will show that EF-14 patients who continued TTFields therapy in combination with chemotherapy, including bevacizumab, at first recurrence lived longer than patients who received chemotherapy alone. These analyses reaffirm the growing body of evidence demonstrating the superiority of TTFields in combination with temozolomide for the treatment of newly diagnosed GBM, and support Novocure’s goal to establish Optune as a standard of care for newly diagnosed glioblastoma.

“The EF-14 phase 3 data show that GBM patients who use Optune in combination with temozolomide live longer, higher quality lives than patients who don’t receive TTFields therapy,” said Asaf Danziger, Novocure’s Chief Executive Officer. “Optune offers hope to a growing number of cancer patients and their families.”

**Learn More About Novocure at SNO 2015**

During the conference, Novocure representatives will be at booths 6, 7 and 8. The company will host an information session from 6:00-7:30 p.m. on Friday, Nov. 20, and an industry satellite lunch symposium from 12:15 to 1:15 p.m. on Saturday, Nov. 21.

Meeting participants can now access some poster presentations on TTFields with ease by scanning QR codes. Abstracts on TTFields therapy can be viewed on SNO’s website and include the following:

**Oral Presentations of EF-14 Data**

Quality of Life, Cognitive Function and Functional Status in the EF-14 Trial: a Prospective, Multi-center Trial of Tumor Treating Fields Together With Temozolomide Compared to Temozolomide Alone in Patients with Newly Diagnosed GBM (Friday, Nov. 20, 2:40-2:50 p.m., concurrent session 2A – clinical trials phase II/III, abstract: 0761)
Tumor Treating Fields with Chemotherapy Compared to Chemotherapy Alone in Glioblastoma Patients at First Recurrence: A Post-Hoc Analysis of the EF-14 Trial (Friday, Nov. 20, 4:40-4:45 p.m., concurrent session 3A – clinical trials rapid reports, abstract: 0887)

**Poster Presentations of Clinical Data, including Investigator Sponsored Trials**

Assessing safety of combination therapy with bev + Optune in high grade gliomas (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0693, poster: ATNT-27)

COMET: A phase II randomized study of TTFields versus supportive care in nonsmall cell lung cancer patients with 15 brain metastases: initial safety results (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0593)

Management of Gliomatosis Cerebri with Temozolomide and Tumor Treating Fields (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0202, poster: ATCT-06)

NovoTTF-100A System (Tumor Treating Fields) Transducer Array Layout Planning for Recurrent Glioblastoma: Results of a NovoTAL System User Study (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0070, poster: ATNT-04)

Managing recurrent grade III gliomas with combination therapy of bevacizumab and Optune (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0695, poster: ATNT-28)

Retrospective analysis of TTFields in adults with GBM: safety profile of the Optune medical device in patients with implanted non-programmable shunts, programmable shunts & pacemakers/defibrillators (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0385, poster: ATPS-25)

Updated Safety Analysis of Bevacizumab Plus Alternating Electric Fields Therapy in Patients with Recurrent Malignant Gliomas (Saturday, Nov. 21, 5-7 p.m., abstract: 0378, poster: NTCT-12)

**Poster Presentations of Preclinical Data**

Biological activity of tumor-treating fields (TTFields) in glioma models in a preclinical setting (Friday, Nov. 20, 7:30-9:30 p.m., poster: ATPS-73)

Physical and Biological Preclinical Evaluation of Irradiation through Tumor Treating Fields (TTFields) Ceramic Transducer Arrays (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0430, poster: RTRB-07)

p53 Status Dependence of Tumor Treating Fields (TTFields) Efficacy Against Glioma Cancer Cells (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0343, poster: ATPS-25)

Tumor treating fields-mediated gene expression in patients with GBM (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0136, ATCT-26)

Effect of Antiperspirants and Skin Barriers on Electrical Resistance during TTFields Application (Saturday, Nov. 21, 5-7 p.m., abstract 0342, poster: QOL-09)

**Poster Presentations of Modeling, Simulation and Imaging**

A semi automated platform for rapid simulation of TTFields distribution in the brain (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0188, poster: ATPS-03)

Sensitivity Analysis of Permittivity & Conductivity on Alternating Electric Fields Therapy for Recurrent Glioblastoma (Friday, Nov. 20, 7:30-9:30 p.m., abstract: 0362, poster: RTRB-23)

Increasing Tumor Treating Fields (TTFields) efficacy in GBM patients through optimization of transducer array configuration (Saturday, Nov. 21, 5-7 p.m., abstract: 0052, poster: MTR-20)

Preliminary Trends in Advanced Imaging Relative to Standard Imaging in Subjects treated with Optune (Saturday, Nov. 21, 5-7 p.m., abstract: 0777, poster: NIMG-58)
About Tumor Treating Fields Therapy

Tumor Treating Fields (TTFields) therapy is delivered by a portable, non-invasive medical device designed for continuous use by patients. *In vitro* and *in vivo* studies have shown that TTFields therapy slows and reverses tumor growth by inhibiting mitosis, the process by which cells divide and replicate. TTFields therapy creates low intensity, alternating electric fields within a tumor that exert physical forces on electrically charged cellular components, preventing the normal mitotic process and causing cancer cell death.

Approved Indications

In the United States, Optune is intended as a treatment for adult patients (22 years of age or older) with histologically-confirmed glioblastoma multiforme (GBM).

In the United States, Optune with temozolomide is indicated for the treatment of adult patients with newly diagnosed, supratentorial glioblastoma following maximal debulking surgery and completion of radiation therapy together with concomitant standard of care chemotherapy.

In the United States, for the treatment of recurrent GBM, Optune is indicated following histologically- or radiologically-confirmed recurrence in the supra-tentorial region of the brain after receiving chemotherapy. The device is intended to be used as a monotherapy, and is intended as an alternative to standard medical therapy for GBM after surgical and radiation options have been exhausted.

In the European Union, Optune is intended for the treatment of patients with newly diagnosed GBM, after surgery and radiotherapy with adjuvant temozolomide, concomitant to maintenance temozolomide. The treatment is intended for adult patients, 18 years of age or older, and should be started more than 4 weeks after surgery and radiation therapy with adjuvant temozolomide. Treatment may be given together with maintenance temozolomide and after maintenance temozolomide is stopped.

In the European Union, Optune is also intended for the treatment of patients with recurrent GBM who have progressed after surgery, radiotherapy and temozolomide treatment for their primary disease. The treatment is intended for adult patients, 18 years of age or older, and should be started more than 4 weeks after the latest surgery, radiation therapy or chemotherapy.

In Japan, Optune (the NovoTTF-100A System) is approved for the treatment of adult patients with recurrent supra-tentorial glioblastoma after all possible surgical and radiation therapy options have been exhausted.

Patients should only use Optune under the supervision of a physician properly trained in use of the device. Full prescribing information is available at www.optune.com/safety or by calling toll free 1-855-281-9301 in the US or by email at supportEMEA@novocure.com in the European Union.

About Novocure

Novocure is a Jersey Isle oncology company pioneering a novel therapy for solid tumors called TTFields. Novocure’s U.S. operations are based in Portsmouth, NH and New York, NY. Additionally, the company has offices in Germany, Switzerland, and Japan and a research center in Haifa, Israel. For additional information about the company, please visit www.novocure.com or follow us at www.twitter.com/novocure.

Forward-Looking Statements

In addition to historical facts or statements of current condition, this press release may contain forward-looking statements. Forward-looking statements provide Novocure’s current expectations or forecasts of future events. These may include statements regarding anticipated scientific progress on its research programs, development of potential products, interpretation of clinical results, prospects for regulatory approval, manufacturing development and capabilities, market prospects for its products, and other statements regarding matters that are not historical facts. You may identify some of these forward-looking statements by the use of words in the statements such as “anticipate,” “estimate,” “expect,” “project,” “intend,” “plan,” “believe” or other words and terms of similar meaning. Novocure’s performance and financial results could differ materially from those reflected in these
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**Media and Investor Contact:**

Ashley Cordova, Novocure
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212 767 7558
Novocure Announces Webcast to Discuss New EF-14 Clinical Trial Analyses and Tumor Treating Fields Presentations from SNO 2015

St. Helier, Jersey – Nov. 17, 2015 – Novocure (NASDAQ: NVCR), a commercial stage oncology company pioneering a novel therapy for solid tumors, announced today that it will hold a webcast on Monday, Nov. 23, 2015, beginning at 4:30 p.m. EST to discuss the new EF-14 analyses and Tumor Treating Fields (TTFields) presentations from the 20th Annual Meeting of the Society of Neuro-Oncology.

The new EF-14 clinical trial analyses to be presented at SNO and that will be discussed during the webcast show the use of TTFields therapy with temozolomide did not adversely affect newly diagnosed GBM patients' quality of life; and, GBM patients who continued TTFields therapy in combination with chemotherapy, including bevacizumab, at first recurrence lived longer than patients who received chemotherapy alone.

Analysts and investors can participate in the conference call by dialing (877)726-5929 for domestic callers and (530)379-4648 for international callers, using the conference ID 81604390. Access the webcast live from the Investor Relations page of Novocure’s website, where it will be available for replay for 14 days following the call.

About Novocure

Novocure is a Jersey Isle oncology company pioneering a novel therapy for solid tumors called TTFields. Novocure’s US operations are based in Portsmouth, NH and New York, NY. Additionally, the company has offices in Germany, Switzerland, and Japan and a research center in Haifa, Israel. For additional information about the company, please visit www.novocure.com or follow us at www.twitter.com/novocure.

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New Phase 3 Data show Optune in Combination with Second Line Chemotherapy is Superior to Second Line Chemotherapy Alone in Glioblastoma Patients at First Recurrence

Glioblastoma patients who received Optune in combination with bevacizumab at first recurrence lived significantly longer than patients who received bevacizumab alone.

St. Helier, Jersey – Nov. 20, 2015 – Novocure (NASDAQ: NVCR) announced today new Phase 3 data showing that glioblastoma patients who received TTFields in combination with chemotherapy at first recurrence lived significantly longer than patients who received chemotherapy alone. The data will be presented at the 20th Annual Society for Neuro-Oncology Meeting in San Antonio.

The post-hoc analysis of the EF-14 Phase 3 clinical trial shows that patients treated with TTFields in combination with physician’s best choice second line chemotherapy reduced their risk of death by 31 percent compared to patients treated with physician’s best choice second line chemotherapy alone (HR= 0.695, p= 0.0489). Patients treated with TTFields in combination with bevacizumab (Avastin®), reduced their risk of death by 39 percent compared to patients treated with bevacizumab alone (HR=0.606, p= 0.0428).

“Our analysis shows that GBM patients continue benefiting from TTFields therapy even after their disease has recurred,” says Santosh Kesari, a trial investigator and Chair of Translational Neuro-Oncology and Neurotherapeutics at John Wayne Cancer Institute and Pacific Brain Tumor Center at Providence St. John’s Health Center in Santa Monica, California. “This survival benefit is maintained across multiple types of second line therapy, including bevacizumab, and points to the need for physicians to incorporate Optune into the standard-of-care for glioblastoma.”

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