UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934

For the month of April 2019

Commission File Number: 001-35165

BRAINSWAY LTD.

(Exact Name of Registrant as Specified in its Charter)

19 Hartum Street Bynet Building, 3rd Floor Har HaHotzvim Jerusalem, 9777518, Israel (+972-2) 582-4030 (Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F x Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): o

The following document, which is attached as an exhibit hereto, is incorporated by reference herein:

Exhibit	Title
99.1	Press release, dated April 16, 2019.

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, thereunto duly authorized.

Brainsway Ltd.

By: /s/ Menachem Klein

Name: Menachem Klein Title: General Counsel and Corporate Secretary

Dated: April 17, 2019



FOR IMMEDIATE RELEASE

Brainsway Ltd. Announces Pricing of Initial Public Offering of 2.5 Million American Depositary Shares

JERUSALEM, ISRAEL, April 16, 2019 — Brainsway Ltd. (NASDAQ: BWAY and TASE: BRIN) ("Brainsway") today announced that it has priced its initial public offering of 2,500,000 American Depositary Shares ("ADSs"), each representing two ordinary shares of Brainsway, at a public offering price of \$11.00 per ADS. The gross proceeds to Brainsway from the offering, before deducting the underwriting discounts and commissions and estimated offering expenses, are expected to be approximately \$27.5 million.

The underwriters have been granted an option to purchase up to an additional 375,000 ADSs offered by Brainsway for a period of 30 days after the date hereof.

The ADSs are expected to begin trading on the Nasdaq Global Market ("Nasdaq") under the symbol "BWAY" on April 17, 2019, and the offering is expected to close on or about April 22, 2019, subject to customary closing conditions.

The ordinary shares of Brainsway are listed on the Tel Aviv Stock Exchange (TASE) under the symbol "BRIN". On April 15, 2019, the last reported sale price of Brainsway's ordinary shares on the TASE was NIS 19.65, or \$5.52 per share (based on the exchange rate reported by the Bank of Israel on such date, which was NIS 3.561 = US\$1.00).

In the offering, Cantor Fitzgerald & Co. is acting as book-running manager and the representative of the underwriters. Raymond James & Associates, Inc. and Oppenheimer & Co. Inc. are also acting as book-running managers, and Ladenburg Thalmann & Co. Inc. is acting as co-manager.

A registration statement relating to these securities was declared effective by the U.S. Securities and Exchange Commission on April 16, 2019. The offering is being made only by means of a prospectus (the "Prospectus"), copies of which may be obtained from the offices of: Cantor Fitzgerald & Co., Attention: Capital Markets, 499 Park Avenue, 6th floor, New York, New York 10022; Email: prospectus@cantor.com; or Raymond James & Associates, Inc., Attention: Equity Syndicate, 880 Carillon Parkway, St. Petersburg, Florida 33716; Phone: 800-248-8863; Email: prospectus@raymondjames.com; or from Oppenheimer & Co. Inc., Attention: Syndicate Prospectus Department, 85 Broad Street, 26th Floor, New York, New York 10004; Phone: 212-667-8055; Email: equityprospectus@opco.com.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to their registration or qualification under the securities laws of any such state or jurisdiction.

About Brainsway

Brainsway is a commercial stage medical device company focused on the development and sale of non-invasive neuromodulation products using the Company's proprietary Deep Transcranial Magnetic Stimulation (Deep TMS) technology for the treatment of major depressive disorder (MDD) and obsessive-compulsive disorder (OCD), for

which Brainsway received marketing authorization from the U.S. Food and Drug Administration (FDA) in 2013 (for MDD) and in August 2018 (for OCD). Brainsway is currently conducting clinical trials of Deep TMS in other psychiatric, neurological and addiction disorders, including smoking cessation and post-traumatic stress disorder, and is planning trials for opioid addiction, fatigue in multiple sclerosis (MS) and post-stroke rehabilitation.

Forward Looking Statements

This press release contains forward-looking statements about the Company's expectations, beliefs and intentions. These forward-looking statements and their implications are based on the current expectations of the management of the Company only, and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. In addition, historical results or conclusions from scientific research and clinical studies do not guarantee that future results would suggest similar conclusions or that historical results referred to herein would be interpreted similarly in light of additional research or otherwise. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: inadequacy of financial resources to meet future capital requirements; changes in technology and market requirements; delays or obstacles in launching and/or successfully completing planned studies and clinical trials; failure to obtain approvals by regulatory agencies on the Company's anticipated timeframe, or at all; inability to retain or attract key employees whose knowledge is essential to the development of Deep TMS products; inforeseen difficulties with Deep TMS products and processes, and/or inability to develop necessary enhancements; unexpected costs related to Deep TMS products; failure to obtain admaintain adequate protection of the Company's intellectual property, including intellectual property licensed to the Company; the potential for product liability; changes in legislation and applicable rules and regulations; unfavorable market perception and acceptance of Deep TMS, including internationally, by the Company or through third-party distributors; product development by competitors; inability to timely develop and introduce new technologies, products and applications, which could cause the actual results or performance of the Company to differ materially from those contem

Any forward-looking statement in this press release speaks only as of the date of this press release. The Company undertakes no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by any applicable securities laws. More detailed information about the risks and uncertainties affecting the Company is contained under the heading "Risk Factors" in the Prospectus.

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