

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

Post-Effective Amendment No. 2
to
Form F-1

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

ICECURE MEDICAL LTD.

(Exact name of registrant as specified in its charter)

| State of Israel | 3841 | Not Applicable |
|---|---|---|
| <i>(State or other jurisdiction of incorporation or organization)</i> | <i>(Primary Standard Industrial Classification Code Number)</i> | <i>(I.R.S. Employer Identification Number)</i> |
| Eyal Shamir Chief Executive Officer 7 Ha'Eshel St., PO Box 3163 Caesarea, 3079504 Israel Tel: +972.4.6230333 | | IceCure Medical Inc. 10 W Prospect Street, Suite 401 Nanuet, NY 10954 Tel: +1.888.902.5716 |
| <i>(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)</i> | | <i>(Name, address, including zip code, and telephone number, including area code, of agent for service)</i> |

Copies to:

Oded Har-Even, Esq.
Eric Victorson, Esq.
Sullivan & Worcester LLP
1633 Broadway
New York, NY 10019
Tel: +1.212.660.3000

Reut Alfiah, Adv.
Sullivan & Worcester Israel (Har-Even & Co.)
HaArba'a Towers - 28 HaArba'a St.
North Tower, 35th Floor
Tel-Aviv, Israel 6473925
Tel: +972.74.758.0480

Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date hereof.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act, check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933.

Emerging growth company

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, 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 7(a)(2)(B) of the Securities Act.

† The term "new or revised financial accounting standard" refers to any update issued by the Financial Accounting Standards Board to its Accounting Standards Codification after April 5, 2012.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the Registration Statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This Post-Effective Amendment No. 2 (the "Post-Effective Amendment") to the Registration Statement on Form F-1 (File No. 333-258660) (the "Registration Statement") of IceCure Medical Ltd. (the "Company"), as originally declared effective by the U.S. Securities and Exchange Commission on August 25, 2021, is being filed: (i) to incorporate by reference the Company's annual report on Form 20-F for the fiscal year ended December 31, 2021, as filed with the U.S. Securities and Exchange Commission on April 1, 2021, pursuant to the undertakings in Item 9 of the Registration Statement to include financial statements required by Item 8.A of Form 20-F at the start of any delayed offering or throughout a continuous offering; and (ii) to include an updated prospectus related to the offer of ordinary shares that were registered on the Registration Statement.

The information included in this Post-Effective Amendment amends the Registration Statement and the prospectus contained therein. No additional securities are being registered under this Post-Effective Amendment. All applicable registration fees were paid at the time of the original filing of the Registration Statement.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

PRELIMINARY PROSPECTUS

SUBJECT TO COMPLETION

DATED APRIL 1, 2022

8,036,673 Ordinary Shares



IceCure Medical Ltd.

This prospectus relates to the resale, by the selling shareholders identified in this prospectus of up to 8,036,673 ordinary shares, no par value, or Ordinary Shares, as further described below under “Our Business—Recent Private Placement.”

The selling shareholders are identified in the table commencing on page 7. No Ordinary Shares are being registered hereunder for sale by us. We will not receive any proceeds from the sale of the Ordinary Shares by the selling shareholders. All net proceeds from the sale of the Ordinary Shares covered by this prospectus will go to the selling shareholders (see “Use of Proceeds”). The selling shareholders are offering their securities in order to create a public trading market for our equity securities in the United States. Any sale by the selling shareholders of the Ordinary Shares is not being underwritten by any investment bank. The selling shareholders may sell all or a portion of the Ordinary Shares from time to time in market transactions through any market on which our Ordinary Shares are then traded, in negotiated transactions or otherwise, and at prices and on terms that will be determined by the then prevailing market price or at negotiated prices directly or through a broker or brokers, who may act as agent or as principal or by a combination of such methods of sale. See “Plan of Distribution”.

Our Ordinary Shares are listed on the Nasdaq Capital Market, or Nasdaq, under the symbol “ICCM.” The last reported sale price of our Ordinary Shares on March 31, 2022 was \$2.40 per share. Our Ordinary Shares are also listed on the Tel Aviv Stock Exchange, or TASE, under the symbol “ICCM.”

We are an emerging growth company, as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act, and a “foreign private issuer”, as defined in Rule 405 under the U.S. Securities Act of 1933, as amended, or the Securities Act, and are eligible for reduced public company reporting requirements.

Additionally, we are a “controlled company” as defined under the Nasdaq Stock Market Listing Rules, because our existing controlling shareholder Epoch Partner Investments Limited is able to exercise 55.36% of the total voting power of our issued and outstanding Ordinary Shares.

Investing in our securities involves a high degree of risk. See “Risk Factors” beginning on page 4 of this prospectus and in our Annual Report on Form 20-F for our fiscal year ended December 31, 2021, which is incorporated by reference into this prospectus.

Neither the Securities and Exchange Commission, or the SEC, the Israel Securities Authority nor any state or other foreign securities commission has approved nor disapproved these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

On August 8, 2021, we implemented an eight-for-one reverse stock split of our Ordinary Shares pursuant to which holders of our Ordinary Shares received one share of our Ordinary Shares for every eight shares of Ordinary Shares held. Unless the context expressly indicates otherwise, all references to share and per share amounts referred to herein reflect the reverse stock split.

The date of this prospectus is _____, 2022

TABLE OF CONTENTS

| | |
|--|-----|
| About this Prospectus | iii |
| Our Business | 1 |
| The Offering | 3 |
| Risk Factors | 4 |
| Cautionary Note Regarding Forward-Looking Statements | 4 |
| Use of Proceeds | 6 |
| Capitalization | 6 |
| Selling Shareholders | 7 |
| Description of Share Capital and Governing Documents | 8 |
| Legal Matters | 14 |
| Expenses | 14 |
| Enforceability of Civil Liabilities | 14 |
| Where You Can Find More Information | 15 |
| Incorporation of Certain Information by Reference | 16 |

You should rely only on the information contained in this prospectus and any free writing prospectus prepared by or on behalf of us or to which we have referred you. Neither we nor the selling shareholders have authorized anyone to provide you with different information. Neither we nor the selling shareholders are making an offer of these securities in any jurisdiction where the offer is not permitted. You should not assume that the information in this prospectus or any applicable prospectus supplement is accurate as of any date other than the date of the applicable document. Since the date of this prospectus and the documents incorporated by reference into this prospectus, our business, financial condition, results of operations and prospects may have changed.

For investors outside of the United States: Neither we nor any of the selling shareholders have done anything that would permit this offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. You are required to inform yourselves about and to observe any restrictions relating to this offering and the distribution of this prospectus.

In this prospectus, “we,” “us,” “our,” the “Company” and “IceCure” refer to IceCure Medical Ltd. and its wholly owned subsidiaries, IceCure Medical Inc., a Delaware corporation, IceCure Medical HK Limited a Hong Kong corporation and IceCure (Shanghai) MedTech Co., Ltd., a subsidiary of IceCure Medical HK Limited.

Our reporting currency and functional currency is the U.S. dollar. Unless otherwise expressly stated or the context otherwise requires, references in this prospectus to “NIS” are to New Israeli Shekels, and references to “dollars” or “\$” mean U.S. dollars.

This prospectus includes statistical, market and industry data and forecasts which we obtained from publicly available information and independent industry publications and reports that we believe to be reliable sources. These publicly available industry publications and reports generally state that they obtain their information from sources that they believe to be reliable, but they do not guarantee the accuracy or completeness of the information. Although we believe that these sources are reliable, we have not independently verified the information contained in such publications.

We report our financial statements in accordance with generally accepted accounting principles in the United States, or U.S. GAAP.

ii

ABOUT THIS PROSPECTUS

This prospectus describes the general manner in which the selling shareholders identified in this prospectus may offer from time to time up to 8,036,673 Ordinary Shares. If necessary, the specific manner in which the Ordinary Shares may be offered and sold will be described in a supplement to this prospectus, which supplement may also add, update or change any of the information contained in this prospectus. To the extent there is a conflict between the information contained in this prospectus and the prospectus supplement, you should rely on the information in the prospectus supplement, provided that if any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, any prospectus supplement—the statement in the document having the later date modifies or supersedes the earlier statement.

iii

OUR BUSINESS

We are a commercial stage medical device company focusing on the research, development and marketing of cryoablation systems and technologies based on liquid nitrogen, or LN₂, for treating tumors. Cryoablation is the process by which benign and malignant tumors are ablated (destroyed) through freezing such tumors while in a patient’s body. Our proprietary cryoablation technology is a minimally invasive alternative to surgical intervention, for tumors, including those found in breast, lungs, kidneys, bones and other indications. Our lead commercial cryoablation product is the ProSense system.

In addition to our existing lead product, the ProSense system, a single probe system, we have developed an additional multi probe system that is expected to have the ability to freeze several tumors simultaneously or larger tumors, which we refer to as our MultiSense system, which has not been commercialized. In our continued efforts aimed at improving our core technology, we are currently focusing on developing our next generation MultiSense system, which we intend to commercialize subject to regulatory approvals. We are also in the process of developing our next generation single probe system. While these next generation systems are still in various research and development stages, we expect them to be more efficient and user friendly.

Recent Private Placement

Pursuant to a securities purchase agreement, or the January 2021 SPA, with certain investors, or the January 2021 Investors, we received an aggregate amount of \$9 million, against the issuance of 6,891,418 Ordinary Shares, or the January 2021 First Closing.

Pursuant to the January 2021 SPA, a second closing, or the January 2021 Second Closing, in the aggregate amount of \$6 million, against issuance of 4,594,279 Ordinary Shares was to occur upon the approval of our Ordinary Shares for listing on a tier of the Nasdaq Stock Market and the effectiveness of a registration statement covering the resale of the Ordinary Shares, or the Nasdaq Milestone, which we undertook to file with the SEC within 120 days from the January 2021 First Closing. However, on May 9, 2021, the January 2021 Investors waived the achievement of the Nasdaq Milestone as a pre-condition, and we completed the January 2021 Second Closing.

The January 2021 Investors were granted a 12-month participation right following the January 2021 Second Closing, in future financings equal to 50% of the subsequent financing, subject to certain conditions. We also undertook to refrain from issuing any Ordinary Shares or Ordinary Shares equivalents from the date of the January 2021 SPA until 60 calendar days from the January 2021 Second Closing, subject to certain exempt issuances.

Corporate Information

We are an Israeli corporation based in Caesarea, Israel and were incorporated in Israel in 2006. On February 2, 2011, we became a public company in Israel and our shares were listed for trade on the TASE. On August 26, 2021, our shares were listed for trade on Nasdaq. Our principal executive offices are located at 7 Ha’Eshel St., PO Box 3163, Caesarea, 3079504 Israel. Our telephone number in Israel is +972-4-6230333. Our website address is <http://www.icecure-medical.com>. The information contained on, or that can be accessed through, our website is not part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

This prospectus contains trademarks, trade names and service marks, which are the property of their respective owners. Solely for convenience, trademarks, trade names and service marks referred to in this prospectus may appear without the ®, ™ or SM symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent permitted under applicable law, our rights or the right of the applicable licensor to these trademarks, trade names and service marks. We do not intend our use or display of other parties' trademarks, trade names or service marks to imply, and such use or display should not be construed to imply, a relationship with, or endorsement or sponsorship of us by, these other parties.

Implications of Being an Emerging Growth Company

We are an "emerging growth company," as defined in Section 2(a) of the Securities Act of 1933, as amended, or the Securities Act, as modified by the JOBS Act. As such, we are eligible to, and intend to, take advantage of certain exemptions from various reporting requirements applicable to other public companies that are not "emerging growth companies" such as not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act of 2002, or the Sarbanes-Oxley Act. We could remain an "emerging growth company" for up to five years, or until the earliest of (a) the last day of the first fiscal year in which our annual gross revenues exceeds \$1.07 billion, (b) the date that we become a "large accelerated filer" as defined in Rule 12b-2 under the U.S. Securities Exchange Act of 1934, as amended, or the Exchange Act, which would occur if the market value of our Ordinary Shares that is held by non-affiliates exceeds \$700 million as of the last business day of our most recently completed second fiscal quarter, or (c) the date on which we have issued more than \$1 billion in nonconvertible debt during the preceding three-year period.

Implications of being a "Foreign Private Issuer"

We are subject to the information reporting requirements of the Exchange Act that are applicable to "foreign private issuers," and under those requirements we file reports with the SEC. As a foreign private issuer, we are not subject to the same requirements that are imposed upon U.S. domestic issuers by the SEC. Under the Exchange Act, we are subject to reporting obligations that, in certain respects, are less detailed and less frequent than those of U.S. domestic reporting companies. For example, we are not required to issue quarterly reports, proxy statements that comply with the requirements applicable to U.S. domestic reporting companies, or individual executive compensation information that is as detailed as that required of U.S. domestic reporting companies. We also have four months after the end of each fiscal year to file our annual report with the SEC and are not required to file current reports as frequently or promptly as U.S. domestic reporting companies. Our officers, directors and principal shareholders are exempt from the requirements to report transactions in our equity securities and from the short-swing profit liability provisions contained in Section 16 of the Exchange Act. As a foreign private issuer, we are not subject to the requirements of Regulation FD (Fair Disclosure) promulgated under the Exchange Act. In addition, as a foreign private issuer, we are permitted to follow certain home country corporate governance practices instead of those otherwise required under the Nasdaq Stock Market rules for domestic U.S. issuers and are not required to be compliant with all Nasdaq Stock Market rules as of the date of our initial listing on Nasdaq as would domestic U.S. issuers. These exemptions and leniencies will reduce the frequency and scope of information and protections available to you in comparison to those applicable to a U.S. domestic reporting company. We intend to take advantage of the exemptions available to us as a foreign private issuer during and after the period we qualify as an "emerging growth company."

THE OFFERING

This prospectus relates to the resale by the selling shareholders identified in this prospectus of up to 8,036,673 Ordinary Shares. All of the Ordinary Shares, when sold, will be sold by these selling shareholders. The selling shareholders may sell their Ordinary Shares from time to time at prevailing market prices. We will not receive any proceeds from the sale of the Ordinary Shares by the selling shareholders.

Ordinary Shares currently issued and outstanding 35,780,335 Ordinary Shares

Ordinary Shares offered by the selling Shareholders Up to 8,036,673 Ordinary Shares.

Use of proceeds We will not receive any proceeds from the sale of the Ordinary Shares by the selling shareholders. All net proceeds from the sale of the Ordinary Shares covered by this prospectus will go to the selling shareholders (see "Use of Proceeds").

Risk factors You should read the "Risk Factors" section starting on page 4 of this prospectus and in our Annual Report on Form 20-F for our fiscal year ended December 31, 2021, which is incorporated by reference into this prospectus, for a discussion of factors to consider carefully before deciding to invest in our securities.

TASE symbol "ICCM"

Nasdaq Capital Market symbol "ICCM"

The number of the Ordinary Shares to be outstanding immediately after this offering excludes:

- 3,085,435 Ordinary Shares issuable upon the exercise of options to directors, employees and consultants under our share incentive plan, outstanding as of March 31, 2022, at a weighted average exercise price of \$1.60, of which 900,089 were vested as of March 31, 2022; and
- 2,139 Ordinary Shares issuable upon the exercise of warrants to directors, employees and consultants, outstanding March 31, 2022, at a weighted average exercise price of \$2.51.
- 1,034,000 Ordinary Shares issuable upon the exercise of pre-funded warrants, at a weighted average exercise price of \$0.001, or the Pre-Funded Warrants.

Unless otherwise indicated, all information in this prospectus assumes and gives effect to:

- an eight-for-one reverse stock split effected on August 8, 2021

Investing in our securities involves significant risks. Before making an investment decision, you should carefully consider the risks described under “Risk Factors” under Item 3.D. – “Risk Factors” in our most recent annual report on Form 20-F, or any updates in our Reports on Form 6-K, together with all of the other information appearing in this prospectus or incorporated by reference into this prospectus, in light of your particular investment objectives and financial circumstances. The risks so described are not the only risks facing us. Additional risks not presently known to us or that we currently deem immaterial may also impair our business operations. Our business, financial condition and results of operations could be materially adversely affected by any of these risks. The trading price of our securities could decline due to any of these risks, and you may lose all or part of your investment. The discussion of risks includes or refers to forward-looking statements; you should read the explanation of the qualifications and limitations on such forward-looking statements discussed elsewhere in this prospectus.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Some of the statements made under “Our Business,” “Risk Factors,” and “Use of Proceeds” and elsewhere in this prospectus constitute forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as “may,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “potential” “intends” or “continue,” or the negative of these terms or other comparable terminology.

These forward-looking statements may include, but are not limited to, statements relating to our objectives, plans and strategies, statements that contain projections of results of operations or of financial condition, expected capital needs and expenses, statements relating to the research, development, completion and use of our products, and all statements (other than statements of historical facts) that address activities, events or developments that we intend, expect, project, believe or anticipate will or may occur in the future.

Forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties. We have based these forward-looking statements on assumptions and assessments made by our management in light of their experience and their perception of historical trends, current conditions, expected future developments and other factors they believe to be appropriate

Important factors that could cause actual results, developments and business decisions to differ materially from those anticipated in these forward-looking statements include, among other things:

- our planned level of revenues and capital expenditures;
- our ability to market and sell our products;
- our plans to continue to invest in research and development to develop technology for both existing and new products;
- our ability to maintain our relationships with suppliers, manufacturers and other partners;
- our ability to maintain or protect the validity of our European, U.S. and other patents and other intellectual property;
- our ability to retain key executive members;
- our ability to internally develop and protect new inventions and intellectual property;

4

- our ability to expose and educate physicians and other medical professionals about the use cases of our products;
- our expectations regarding our tax classifications;
- interpretations of current laws and the passage of future laws;
- the impact of COVID-19 and resulting government actions on us, our manufacturers, suppliers and facilities in which our ProSense system is used or in which our products are undergoing trials; and
- those factors referred to in “Item 3.D. Risk Factors,” “Item 4. Information on the Company,” and “Item 5. Operating and Financial Review and Prospects”, in our annual report on Form 20-F generally.

These statements are only current predictions and are subject to known and unknown risks, uncertainties, and other factors that may cause our or our industry’s actual results, levels of activity, performance or achievements to be materially different from those anticipated by the forward-looking statements. We discuss many of these risks in this prospectus in greater detail under the heading “Risk Factors” and elsewhere in this prospectus. You should not rely upon forward-looking statements as predictions of future events.

Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance, or achievements. Except as required by law, we are under no duty to update or revise any of the forward-looking statements, whether as a result of new information, future events or otherwise, after the date of this prospectus.

5

USE OF PROCEEDS

We will not receive any proceeds from the sale of the Ordinary Shares by the selling shareholders. All net proceeds from the sale of the Ordinary Shares will go to the selling shareholders.

CAPITALIZATION

The following table sets forth our cash and cash equivalents and our capitalization as of December 31, 2021.

You should read this table in conjunction with the section titled “Item 5. Operating and Financial Review and Prospects” and our financial statements and related notes included in our 2021 Annual Report on Form 20-F, incorporated by reference herein.

| <i>U.S. dollars in thousands</i> | As of December 31, 2021 |
|--|-------------------------------|
| Cash and cash equivalents | \$ 25,621 |
| Deposits | |
| Shareholders' equity: | |
| Ordinary shares | - |
| Treasury shares | - |
| Pre-funded Warrants to Ordinary Shares | - |
| Additional paid-in capital | 85,389 |
| Accumulated deficit | (58,431) |
| Total shareholders' equity | 26,958 |
| Total capitalization | \$ 79,537 |

6

SELLING SHAREHOLDERS

The 8,036,673 Ordinary Shares being offered by the selling shareholders are those previously issued to the selling shareholders. For additional information regarding the issuances of the Ordinary Shares see "Our Business—Recent Private Placement". We are registering the Ordinary Shares in order to permit the selling shareholders to offer the Ordinary Shares for resale from time to time.

One of the Selling Shareholders, Epoch Partner Investments Limited, holds approximately 55.36% of the Company's voting rights and is a controlling shareholder of the Company (see Item 7.A "Major Shareholders" in our 2021 Annual Report on Form 20-F). Other than the relationships described herein, to our knowledge, the selling shareholders have not had any material relationship with us within the past three years.

Any selling shareholders that are affiliates of broker-dealers and any participating broker-dealers would be deemed to be "underwriters" within the meaning of the Securities Act, and any commissions or discounts given to any such selling shareholders or broker-dealer may be regarded as underwriting commissions or discounts under the Securities Act. To our knowledge, none of the selling shareholders listed below are broker-dealers or affiliates of broker-dealers.

The table below lists the selling shareholders and other information regarding the beneficial ownership of the Ordinary Shares by each of the selling shareholders. The second column lists the number of Ordinary Shares beneficially owned by each selling shareholder, based on its ownership of the Ordinary Shares, as of March 31, 2022.

The third column lists the Ordinary Shares being offered by this prospectus by the selling shareholders.

In accordance with the terms of a registration rights agreement with the holders of the Ordinary Shares, this prospectus generally covers the resale of at least a number of Ordinary Shares issued. Because the number of Ordinary Shares may be adjusted, the number of Ordinary Shares that will actually be issued may be more or less than the number of Ordinary Shares being offered by this prospectus. The fourth column assumes the sale of all of the Ordinary Shares offered by the selling shareholders pursuant to this prospectus.

| Name of Selling Shareholders | Ordinary Shares Beneficially Owned ⁽¹⁾ | Percentage of Existing Equity Capital | Maximum Number of Ordinary Shares to be Sold Pursuant to this Prospectus | Ordinary Shares Owned Immediately After Sale of Maximum Number of Shares in this Offering | Percentage of Equity Capital Immediately After Sale of Maximum Number of Shares in this Offering |
|--|--|---|--|--|---|
| Epoch Partners Investments Limited ⁽²⁾ | 19,807,283 | 55.36% | 5,742,848 | 14,064,436 | 39.31% |
| Clover Wolf Capital limited partnership ⁽³⁾ | 172,816 | *% | 172,816 | - | - |
| Clover Alpha L.P. ⁽⁴⁾ | 82,527 | *% | - | 82,527 | *% |
| Alpha Capital Anstalt ⁽⁵⁾ | 3,013,482 | 8.42% | 2,163,482 | 850,000 | 2.38% |
| Total | 23,076,108 | 64.49% | 8,079,145 | 14,996,963 | 41.91% |

* Less than 1%.

(1) Beneficial ownership is determined in accordance with SEC rules and generally includes voting or investment power with respect to securities. Ordinary Shares subject to options or warrants currently exercisable, or exercisable within 60 days of March 31, 2022, are counted as outstanding for computing the percentage of the selling shareholder holding such options or warrants but are not counted as outstanding for computing the percentage of any other selling shareholder.

(2) Includes 19,807,283 Ordinary Shares. Mr. Li Haixiang has the voting and dispositive power over the shares held by Epoch. The mailing address of Mr. Li Haixiang is 70/F Two International Finance Centre, Suite 7013, Central, Hong Kong. This information is based upon a Schedule 13G/A filed by Epoch Partner Investments Limited with the SEC on February 28, 2022.

(3) Ms. Adi Wolf has the voting and dispositive power over the shares held by Clover Wolf Capital Limited Partnership, or Clover. Based on information provided to us by Clover on March 31, 2022.

(4) Ms. Adi Wolf has the voting and dispositive power over the shares held by Clover Alpha L.P., or Clover Alpha. Based on information provided to us by Clover Alpha on March 31, 2022.

(5) Includes 3,013,482 Ordinary Shares. Mr. Konard Ackermann, Dr. Alexander Lins and Dr. Nicola Feuerstein have the voting and dispositive power over the shares held by Alpha Capital Anstalt. The mailing address of Mr. Konard Ackermann, Dr. Alexander Lins and Dr. Nicola Feuerstein is Lettstrasse 32, FL-9490 Vaduz, Liechtenstein. This information is based upon a Schedule 13G/A filed by Alpha Capital Anstalt with the SEC on January 19, 2022.

7

DESCRIPTION OF SHARE CAPITAL AND GOVERNING DOCUMENTS

General

As of March 31, 2022, our authorized share capital consisted of 2,500,000,000 Ordinary Shares, with no par value, of which 35,780,335 shares were issued and outstanding as of such date. All of our outstanding Ordinary Shares have been validly issued, fully paid and non-assessable. Our Ordinary Shares are not redeemable and are not subject to any preemptive right.

Our registration number with the Israeli Registrar of Companies is 513787804.

Ordinary Shares

In the last three years, we have issued an aggregate of 23,080,279 Ordinary Shares in several public offerings, rights offerings and exercise of employees' stock options for aggregate net proceeds of \$41,607 thousand (in each case based on the exchange rate of the NIS and U.S. dollar applicable on the day of the closing of the respective transaction) thousand.

Options

In the last three years, we have granted options to purchase an aggregate of 2,432,375 Ordinary Shares to directors, officers and employees with exercise prices ranging from NIS 4.84 to NIS 17.92 (approximately \$1.52 to \$5.62) per share. A total of 218,969 options were exercised in the last three years.

Pre-Funded Warrants

As part of our underwritten public offering which closed on December 13, 2021, we offered certain purchasers who purchased Ordinary Shares that resulted in such purchaser, together with its affiliates and certain related parties, beneficially owning more than 9.99% of our outstanding Ordinary Shares immediately following the consummation of the offering, 1,034,000 pre-funded warrants in lieu of Ordinary Shares. Each pre-funded warrant was immediately exercisable for one Ordinary Share and may be exercised at any time until all of the pre-funded warrants are exercised in full. The purchase price of each pre-funded warrant equals the price per share at which the Ordinary Shares were being sold to the public in the offering, minus \$0.001, and the exercise price of each pre-funded warrant is \$0.001 per share. The amount of pre-funded warrants currently outstanding is 1,034,000.

The following summary of certain terms and provisions of pre-funded warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the pre-funded warrant, the form of which is filed as an exhibit to the registration statement of which this prospectus forms a part. Prospective investors should carefully review the terms and provisions of the form of pre-funded warrant for a complete description of the terms and conditions of the pre-funded warrants.

Duration and Exercise Price. Each pre-funded warrant offered hereby will have an initial exercise price per share equal to \$0.001. The pre-funded warrants will be immediately exercisable and may be exercised at any time until the pre-funded warrants are exercised in full. The exercise price and number of Ordinary Shares issuable upon exercise is subject to appropriate adjustment in the event of share dividends, share splits, reorganizations or similar events affecting our Ordinary Shares and the exercise price.

Exercisability. The pre-funded warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of Ordinary Shares purchased upon such exercise (except in the case of a cashless exercise as discussed below). A holder (together with its affiliates) may not exercise any portion of the pre-funded warrant to the extent that the holder would own more than 9.99% of the outstanding Ordinary Shares immediately after exercise. No fractional shares of Ordinary Shares will be issued in connection with the exercise of a pre-funded warrant. In lieu of fractional shares, we will either pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price or round up to the next whole Ordinary Share.

Cashless Exercise. If, at the time a holder exercises its pre-funded warrants, a registration statement registering the issuance of the Ordinary Shares underlying the pre-funded warrants under the Securities Act is not then effective or available and an exemption from registration under the Securities Act is not available for the issuance of such shares, then in lieu of making the cash payment otherwise contemplated to be made to us upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part) the net number of Ordinary Shares determined according to a formula set forth in the pre-funded warrants.

8

Transferability. Subject to applicable laws, a pre-funded warrant may be transferred at the option of the holder upon surrender of the pre-funded warrant to us together with the appropriate instruments of transfer.

Exchange Listing. We do not intend to list the pre-funded warrants on Nasdaq or any other national securities exchange or nationally recognized trading system. The Ordinary Shares issuable upon exercise of the pre-funded warrants are currently listed on Nasdaq.

Right as a Shareholder. Except as otherwise provided in the pre-funded warrants or by virtue of such holder's ownership of Ordinary Shares, the holders of the pre-funded warrants do not have the rights or privileges of holders of our Ordinary Shares, including any voting rights, until they exercise their pre-funded warrants.

Fundamental Transaction. In the event of a fundamental transaction, as described in the pre-funded warrants and generally including any reorganization, recapitalization or reclassification of our Ordinary Shares, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding Ordinary Shares, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding Ordinary Shares, the holders of the pre-funded warrants will be entitled to receive upon exercise of the pre-funded warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the pre-funded warrants immediately prior to such fundamental transaction. In addition, upon a fundamental transaction, the holder will have the right to require us to repurchase its pre-funded warrants at their fair value using the Black Scholes option pricing formula; provided, however, that we will pay such holder using the same type or form of consideration (and in the same proportion) that is being offered and paid to the holders of our common stock in connection with the fundamental transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of our Ordinary Shares are given the choice to receive from among alternative forms of consideration in connection with the fundamental transaction.

9

Our Articles of Association

Purposes and Objects of the Company

Our purpose is set forth in Article 4 of our articles of association and includes every lawful purpose.

The Powers of the Directors

Our board of directors shall direct our policy and shall supervise the performance of our Chief Executive Officer and his actions. Our board of directors may exercise all powers that are not required under the Companies Law or under our articles of association to be exercised or taken by our shareholders.

Rights Attached to Shares

Our Ordinary Shares shall confer upon the holders thereof:

- equal right to attend and to vote at all of our general meetings, whether regular or special, with each Ordinary Share entitling the holder thereof, which attend the meeting and participate at the voting, either in person or by a proxy or by a written ballot, to one vote;
- equal right to participate in distribution of dividends, if any, whether payable in cash or in bonus shares, in distribution of assets or in any other distribution, on a per share pro rata basis; and
- equal right to participate, upon our dissolution, in the distribution of our assets legally available for distribution, on a per share pro rata basis.

Election of Directors

Pursuant to our articles of association, our directors are elected at an annual general meeting and/or a special meeting of our shareholders and serve on the board of directors until the next annual general meeting (except for external directors) or until they resign or until they cease to act as board members pursuant to the provisions of our articles of association or any applicable law, upon the earlier. Pursuant to the Companies Law, other than the external directors, for whom special election requirements apply under the Companies Law, the vote required to appoint a director is a simple majority vote of holders of our voting shares, participating and voting at the relevant meeting. In addition, our articles of association allow our board of directors to appoint directors to fill vacancies and/or as an addition to the board of directors (subject to the maximum number of directors) to serve until the next annual general meeting. External directors are elected for an initial term of three years, may be elected for additional terms of three years each under certain circumstances, and may be removed from office pursuant to the terms of the Companies Law.

Annual and Special Meetings

Under the Israeli law, we are required to hold an annual general meeting of our shareholders once every calendar year, at such time and place which shall be determined by our Board of Directors, that must be no later than 15 months after the date of the previous annual general meeting. All meetings other than the annual general meeting of shareholders are referred to as special general meetings. Our board of directors may call special meetings whenever it sees fit and upon the request of: (a) any two of our directors or such number of directors equal to one quarter of the directors then at office; and/or (b) one or more shareholders holding, in the aggregate, (i) 5% or more of our outstanding issued shares and 1% of our outstanding voting power or (ii) 5% or more of our outstanding voting power.

10

Subject to the provisions of the Companies Law and the regulations promulgated thereunder, shareholders entitled to participate and vote at general meetings are the shareholders of record on a date to be decided by the board of directors, which may be between four and forty days prior to the date of the meeting, as the case may be. Resolutions regarding the following matters must be passed at a general meeting of our shareholders:

- amendments to our articles of association;
- the exercise of our board of directors' powers by a general meeting if our board of directors is unable to exercise its powers and the exercise of any of its powers is required for our proper management;
- appointment or termination of our auditors;
- appointment of directors, including external directors;
- approval of acts and transactions requiring general meeting approval pursuant to the provisions of the Companies Law (mainly certain related party transactions) and any other applicable law;
- increases or reductions of our authorized share capital;
- a merger (as such term is defined in the Companies Law); and
- a dissolution of the Company by the court or by its shareholders (as such term is defined in the Companies Law).

Notices

The Companies Law and our articles of association require that a notice of any annual or special shareholders meeting be provided at least 14 or 21 days prior to the meeting, as the case may be, and if the agenda of the meeting includes the appointment or removal of directors, the approval of transactions with office holders or interested or related parties, approval of the company's general manager to serve as the chairman of the board of directors or an approval of a merger, notice must be provided at least 35 days prior to the meeting.

Quorum

As permitted under the Companies Law, the quorum required for our general meetings consists of at least two shareholders present in person, by proxy, written ballot or voting by means of electronic voting system, who hold or represent between them at least 25% of the total outstanding voting rights. If half an hour has elapsed from the date set for the meeting and the quorum has not been found valid, the meeting will be postponed to the business day after the day of the meeting, to the same time and to the same place or to another day, time and place as determined by the board of directors. The company will announce through the immediate report of the postponement of the meeting and the date of the postponed meeting. If no lawful quorum is present at the adjourned meeting as aforesaid, at least one shareholder shall be present in person or by proxy, a lawful quorum, unless the meeting was convened at the request of shareholders. If a special general meeting was summoned following the request of a shareholder, and within half an hour a legal quorum shall not have been formed, the meeting shall be canceled.

Adoption of Resolutions

Our articles of association provide that all resolutions of our shareholders require a simple majority vote, unless otherwise required under the Companies Law or our articles of association. A shareholder may vote in a general meeting in person, by proxy, by a written ballot.

11

Changing Rights Attached to Shares

Unless otherwise provided by the terms of the shares and subject to any applicable law, any modification of rights attached to any class of shares must be adopted by the holders of a majority of the shares of that class present a general meeting of the affected class or by a written consent of all the shareholders of the affected class.

The enlargement of an existing class of shares or the issuance of additional shares thereof, shall not be deemed to modify the rights attached to the previously issued shares of such class or of any other class, unless otherwise provided by the terms of the shares.

Limitations on the Right to Own Securities in Our Company

There are no limitations on the right to own our securities.

Provisions Restricting Change in Control of Our Company

There are no specific provisions of our articles of association that would have an effect of delaying, deferring or preventing a change in control of the Company or that would operate only with respect to a merger, acquisition or corporate restructuring involving us (or any of our subsidiaries). However, as described below, certain provisions of the Companies Law may have such effect.

The Companies Law includes provisions that allow a merger transaction and requires that each company that is a party to the merger have the transaction approved by its board of directors and, unless certain requirements described under the Companies Law are met, a vote of the majority of shareholders, and, in the case of the target company, also a majority vote of each class of its shares. For purposes of the shareholder vote of each party, unless a court rules otherwise, the merger will not be deemed approved if shares representing a majority of the voting power present at the shareholders meeting and which are not held by the other party to the merger (or by any person or group of persons acting in concert who holds 25% or more of the voting power or the right to appoint 25% or more of the directors of the other party) vote against the merger. If, however, the merger involves a merger with a company's own controlling shareholder or if the controlling shareholder has a personal interest in the merger, then the merger will be subject to the same Special Majority approval that governs all extraordinary transactions with controlling shareholders instead. Upon the request of a creditor of either party to the proposed merger, the court may delay or prevent the merger if it concludes that there exists a reasonable concern that as a result of the merger the surviving company will be unable to satisfy the obligations of any of the parties to the merger, and may further give instructions to secure the rights of creditors. If the transaction would have been approved by the shareholders of a merging company but did not receive the separate approval of each class or the exclusion of the votes of certain shareholders as provided above, a court may still approve the merger upon the petition of holders of at least 25% of the voting rights of a company. For such petition to be granted, the court must find that the merger is fair and reasonable, taking into account the value of the parties to the merger and the consideration offered to the shareholders. In addition, a merger may not be completed unless at least (1) 50 days have passed from the time that the requisite proposals for approval of the merger were filed with the Israeli Registrar of Companies by each merging company and (2) 30 days have passed since the merger was approved by the shareholders of each merging company.

The Companies Law also provides that, subject to certain exceptions, an acquisition of shares in an Israeli public company must be made by means of a "special" tender offer if as a result of the acquisition (1) the purchaser would become a holder of 25% or more of the voting rights in the company, unless there is already another holder of at least 25% or more of the voting rights in the company or (2) the purchaser would become a holder of 45% or more of the voting rights in the company, unless there is already a holder of more than 45% of the voting rights in the company. These requirements do not apply if, in general, the acquisition (1) was made in a private placement that received shareholders' approval, subject to certain conditions, (2) was from a holder of 25% or more of the voting rights in the company which resulted in the acquirer becoming a holder of 25% or more of the voting rights in the company, or (3) was from a holder of more than 45% of the voting rights in the company which resulted in the acquirer becoming a holder of more than 45% of the voting rights in the company. A "special" tender offer must be extended to all shareholders. In general, a "special" tender offer may be consummated only if (1) at least 5% of the voting power attached to the company's outstanding shares will be acquired by the offeror and (2) the offer is accepted by a majority of the offerees who notified the company of their position in connection with such offer (excluding the offeror, controlling shareholders, holders of 25% or more of the voting rights in the company or anyone on their behalf, or any person having a personal interest in the acceptance of the tender offer). If a special tender offer is accepted, then the purchaser or any person or entity controlling it or under common control with the purchaser or such controlling person or entity may not make a subsequent tender offer for the purchase of shares of the target company and may not enter into a merger with the target company for a period of one year from the date of the offer, unless the purchaser or such person or entity undertook to effect such an offer or merger in the initial special tender offer.

If, as a result of an acquisition of shares, the acquirer will hold more than 90% of an Israeli company's outstanding shares or of certain class of shares, the acquisition must be made by means of a tender offer for all of the outstanding shares, or for all of the outstanding shares of such class, as applicable. In general, if less than 5% of the outstanding shares, or of applicable class, are not tendered in the tender offer and more than half of the offerees who have no personal interest in the offer tendered their shares, all the shares that the acquirer offered to purchase will be transferred to it by operation of law. However, a tender offer will also be accepted if the shareholders who do not accept the offer hold less than 2% of the issued and outstanding share capital of the company or of the applicable class of shares. Any shareholders that was an offeree in such tender offer, whether such shareholder accepted the tender offer or not, may request, by petition to an Israeli court, (i) appraisal rights in connection with a full tender offer, and (ii) that the fair value should be paid as determined by the court, for a period of six months following the acceptance thereof. However, the acquirer is entitled to stipulate, under certain conditions, that tendering shareholders will forfeit such appraisal rights.

Lastly, Israeli tax law treats some acquisitions, such as stock-for-stock exchanges between an Israeli company and a foreign company, less favorably than U.S. tax laws. For example, Israeli tax law may, under certain circumstances, subject a shareholder who exchanges his Ordinary Shares for shares in another corporation to taxation prior to the sale of the shares received in such stock-for-stock swap.

Exclusive Forum

Our articles of association provide that unless we consent in writing to the selection of an alternative forum, the federal district courts of the United States of America shall be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act. Section 22 of the Securities Act creates concurrent jurisdiction for federal and state courts over all such Securities Act actions, and accordingly, both state and federal courts have jurisdiction to entertain such claims. While the federal forum provision in our articles of association does not restrict the ability of our shareholders to bring claims under the Securities Act, we recognize that it may limit shareholders' ability to bring a claim in the judicial forum that they find favorable and may increase certain litigation costs, which may discourage the filing of claims under the Securities Act against the Company, its directors and officers. However, the enforceability of similar forum provisions (including exclusive federal forum provisions for actions, suits or proceedings asserting a cause of action arising under the Securities Act) in other companies' organizational documents has been challenged in legal proceedings, and there is uncertainty as to whether courts would enforce the exclusive forum provisions in our articles of association. Any person or entity purchasing or otherwise acquiring any interest in our share capital shall be deemed to have notice of and to have consented to the choice of forum provision of our articles of association described above. This provision would not apply to suits brought to enforce a duty or liability created by the Exchange Act or any other claim for which the U.S. federal courts have exclusive jurisdiction.

Changes in Our Capital

The general meeting may, by a simple majority vote of the shareholders attending the general meeting:

- increase our registered share capital by the creation of new shares from the existing class or a new class, as determined by the general meeting;
- cancel any registered share capital which have not been taken or agreed to be taken by any person;
- consolidate and divide all or any of our share capital into shares of larger nominal value than our existing shares;
- subdivide our existing shares or any of them, our share capital or any of it, into shares of smaller nominal value than is fixed; and
- reduce our share capital and any fund reserved for capital redemption in any manner, and with and subject to any incident authorized, and consent required, by the Companies Law.

EXPENSES

The following are the estimated expenses of the issuance and distribution of the securities registered under the registration statement of which this prospectus forms a part, all of which will be paid by us. With the exception of the SEC registration fee, all amounts are estimates and may change:

| | |
|------------------------------|---------------|
| SEC registration fee | \$ 13,132.38* |
| Printer fees and expenses | \$ 8,000* |
| Legal fees and expenses | \$ 350,000* |
| Accounting fees and expenses | \$ 145,000* |
| Miscellaneous | \$ 20,000* |
| Total | \$ 536,132* |

* These amounts were previously paid.

LEGAL MATTERS

Certain legal matters concerning this offering will be passed upon for us by Sullivan & Worcester LLP, New York, New York. Certain legal matters with respect to the legality of the issuance of the securities offered by this prospectus and other legal matters concerning this offering relating to Israeli law will be passed upon for us by Sullivan & Worcester Tel-Aviv (Har-Even & Co.), Tel Aviv, Israel.

EXPERTS

The financial statements as of December 31, 2021 and 2020 and for the years then ended included in this prospectus have been so included in reliance upon the report of Brightman Almagor Zohar & Co., a firm in the Deloitte Global Network, an independent registered public accounting firm, as set forth in their report thereon, included therein. Such consolidated financial statements are incorporated herein by reference in reliance upon such report given on the authority of said firm as experts in accounting and auditing.

ENFORCEABILITY OF CIVIL LIABILITIES

We are incorporated under the laws of the State of Israel. Service of process upon us and upon our directors and officers and the Israeli experts named in the registration statement of which this prospectus forms a part, a substantial majority of whom reside outside of the United States, may be difficult to obtain within the United States. Furthermore, because substantially all of our assets and a substantial of our directors and officers are located outside of the United States, any judgment obtained in the United States against us or any of our directors and officers may not be collectible within the United States.

We have been informed by our legal counsel in Israel, Sullivan & Worcester Tel-Aviv (Har-Even & Co.), that it may be difficult to assert U.S. securities law claims in original actions instituted in Israel. Israeli courts may refuse to hear a claim based on a violation of U.S. securities laws because Israel is not the most appropriate forum to bring such a claim. In addition, even if an Israeli court agrees to hear a claim, it may determine that Israeli law and not U.S. law is applicable to the claim. If U.S. law is found to be applicable, the content of applicable U.S. law must be proved as a fact which can be a time-consuming and costly process. Certain matters of procedure will also be governed by Israeli law.

Subject to specified time limitations and legal procedures, Israeli courts may enforce a U.S. judgment in a civil matter which, subject to certain exceptions, is non-appealable, including judgments based upon the civil liability provisions of the Securities Act and the Exchange Act and including a monetary or compensatory judgment in a non-civil matter, provided that among other things:

- the judgment is obtained after due process before a court of competent jurisdiction, according to the laws of the state in which the judgment is given and the rules of private international law currently prevailing in Israel;
- the judgment is final and is not subject to any right of appeal;
- the prevailing law of the foreign state in which the judgment was rendered allows for the enforcement of judgments of Israeli courts;
- adequate service of process has been effected and the defendant has had a reasonable opportunity to be heard and to present his or her evidence;
- the liabilities under the judgment are enforceable according to the laws of the State of Israel and the judgment and the enforcement of the civil liabilities set forth in the judgment is not contrary to the law or public policy in Israel nor likely to impair the security or sovereignty of Israel;
- the judgment was not obtained by fraud and does not conflict with any other valid judgments in the same matter between the same parties;
- an action between the same parties in the same matter is not pending in any Israeli court at the time the lawsuit is instituted in the foreign court; and

- the judgment is enforceable according to the laws of Israel and according to the law of the foreign state in which the relief was granted.

If a foreign judgment is enforced by an Israeli court, it generally will be payable in Israeli currency, which can then be converted into non-Israeli currency and transferred out of Israel. The usual practice in an action before an Israeli court to recover an amount in a non-Israeli currency is for the Israeli court to issue a judgment for the equivalent amount in Israeli currency at the rate of exchange in force on the date of the judgment, but the judgment debtor may make payment in foreign currency. Pending collection, the amount of the judgment of an Israeli court stated in Israeli currency ordinarily will be linked to the Israeli consumer price index plus interest at the annual statutory rate set by Israeli regulations prevailing at the time. Judgment creditors must bear the risk of unfavorable exchange rates.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We have filed with the SEC a registration statement on Form F-1 under the Securities Act relating to this registration of the Ordinary Shares to be sold by the selling shareholders, or the Registration Statement. This prospectus does not contain all of the information contained in the Registration Statement. The rules and regulations of the SEC allow us to omit certain information from this prospectus that is included in the Registration Statement. Statements made in this prospectus concerning the contents of any contract, agreement or other document are summaries of all material information about the documents summarized, but are not complete descriptions of all terms of these documents. If we filed any of these documents as an exhibit to the Registration Statement, you may read the document itself for a complete description of its terms.

The SEC also maintains an Internet website that contains reports and other information regarding issuers that file electronically with the SEC. Our filings with the SEC are also available to the public through the SEC's website at <http://www.sec.gov>.

15

We are subject to the information reporting requirements of the Exchange Act that are applicable to foreign private issuers, and under those requirements we file reports with the SEC. Those reports or other information may be inspected without charge at the locations described above. As a foreign private issuer, we are exempt from the rules under the Exchange Act related to the furnishing and content of proxy statements, and our officers, directors and principal shareholders are exempt from the reporting and short-swing profit recovery provisions contained in Section 16 of the Exchange Act. In addition, we are not required under the Exchange Act to file annual, quarterly and current reports and financial statements with the SEC as frequently or as promptly as United States companies whose securities are registered under the Exchange Act. However, we will file with the SEC, within 120 days after the end of each fiscal year, or such applicable time as required by the SEC, an annual report on Form 20-F containing financial statements audited by an independent registered public accounting firm, and will submit to the SEC, on Form 6-K, unaudited quarterly financial information.

We maintain a corporate website at <http://www.icecure-medical.com>. Information contained on, or that can be accessed through, our website does not constitute a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference. We will post on our website any materials required to be so posted on such website under applicable corporate or securities laws and regulations, including, posting any XBRL interactive financial data required to be filed with the SEC and any notices of general meetings of our shareholders.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information into this prospectus, which means that we can disclose important information to you by referring you to other documents which we have filed or will file with the SEC. We are incorporating by reference in this prospectus the documents listed below and all amendments or supplements we may file to such documents, as well as any future filings we may make with the SEC on Form 20-F under the Exchange Act before the time that all of the securities offered by this prospectus have been sold or de-registered:

This prospectus incorporates by reference the documents listed below:

- Our Annual Report on [Form 20-F](#) for the fiscal year ended December 31, 2021, filed with the SEC on April 1, 2022; and
- The description of our securities contained in our [Form 8-A](#) (File No. 001-40753), filed with the SEC on August 23, 2021, including any amendments and reports filed for the purpose of updating such description.

In addition, all subsequent annual reports on Form 20-F filed after the effective date of this registration statement and prior to the termination of this offering and any reports on Form 6-K subsequently submitted to the SEC or portions thereof that we specifically identify in such forms as being incorporated by reference into the registration statement of which this prospectus forms a part, shall be considered to be incorporated into this prospectus by reference and shall be considered a part of this prospectus from the date of filing or submission of such documents.

As you read the above documents, you may find inconsistencies in information from one document to another. If you find inconsistencies between the documents and this prospectus, you should rely on the statements made in the most recent document. All information appearing in this prospectus is qualified in its entirety by the information and financial statements, including the notes thereto, contained in the documents incorporated by reference herein.

We will provide to each person, including any beneficial owner, to whom this prospectus is delivered, a copy of these filings, at no cost, upon written or oral request to us at the following address: 7 Ha'Eshel St., PO Box 3163, Caesarea, 3079504 Israel, Tel: +972-4-6230333; Attention: Chief Financial Officer.

16



IceCure Medical Ltd.

PROSPECTUS

, 2022

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 6. Indemnification of Directors, Officers and Employees

Indemnification

The Israeli Companies Law 5759-2999, or the Companies Law, and the Israeli Securities Law, 5728-1968, or the Securities Law, provide that a company may indemnify an office holder against the following liabilities and expenses incurred for acts performed by him or her as an office holder, either pursuant to an undertaking made in advance of an event or following an event, provided its articles of association include a provision authorizing such indemnification:

- a financial liability imposed on him or her in favor of another person by any judgment concerning an act performed in his or her capacity as an office holder, including a settlement or arbitrator's award approved by a court;
- reasonable litigation expenses, including attorneys' fees, expended by the office holder (a) as a result of an investigation or proceeding instituted against him or her by an authority authorized to conduct such investigation or proceeding, provided that (1) no indictment (as defined in the Companies Law) was filed against such office holder as a result of such investigation or proceeding; and (2) no financial liability as a substitute for the criminal proceeding (as defined in the Companies Law) was imposed upon him or her as a result of such investigation or proceeding, or, if such financial liability was imposed, it was imposed with respect to an offense that does not require proof of criminal intent; or (b) in connection with a monetary sanction;
- reasonable litigation expenses, including attorneys' fees, expended by the office holder or imposed on him or her by a court: (1) in proceedings that the company institutes, or that another person institutes on the company's behalf, against him or her; (2) in a criminal proceeding of which he or she was acquitted; or (3) as a result of a conviction for a crime that does not require proof of criminal intent; and
- expenses incurred by an office holder in connection with an Administrative Procedure under the Securities Law, including reasonable litigation expenses and reasonable attorneys' fees. An "Administrative Procedure" is defined as a procedure pursuant to chapters H3 (Monetary Sanction by the Israeli Securities Authority), H4 (Administrative Enforcement Procedures of the Administrative Enforcement Committee) or I1 (Arrangement to prevent Procedures or Interruption of procedures subject to conditions) to the Securities Law.

The Companies Law also permits a company to undertake in advance to indemnify an office holder, provided that if such indemnification relates to financial liability imposed on him or her, as described above, then the undertaking should be limited and shall detail the following foreseen events and amount or criterion:

- to events that in the opinion of the board of directors can be foreseen based on the company's activities at the time that the undertaking to indemnify is made; and
- in amount or criterion determined by the board of directors, at the time of the giving of such undertaking to indemnify, to be reasonable under the circumstances.

We have entered into indemnification agreements with all of our directors and with all members of our senior management. Each such indemnification agreement provides the office holder with indemnification permitted under applicable law and up to a certain amount, and to the extent that these liabilities are not covered by directors and officers insurance.

Exculpation

Under the Companies Law, an Israeli company may not exculpate an office holder from liability for a breach of his or her duty of loyalty, but may exculpate in advance an office holder from his or her liability to the company, in whole or in part, for damages caused to the company as a result of a breach of his or her duty of care (other than in relation to distributions), but only if a provision authorizing such exculpation is included in its articles of association. Our articles of association provide that we may exculpate, in whole or in part, any office holder from liability to us for damages caused to the company as a result of a breach of his or her duty of care, but prohibit an exculpation from liability arising from a company's transaction in which our controlling shareholder or officer has a personal interest. Subject to the aforesaid limitations, under the indemnification agreements, we exculpate and release our office holders from any and all liability to us related to any breach by them of their duty of care to us to the fullest

extent permitted by law.

Limitations

The Companies Law provides that the Company may not exculpate or indemnify an office holder nor enter into an insurance contract that would provide coverage for any liability incurred as a result of any of the following: (1) a breach by the office holder of his or her duty of loyalty unless (in the case of indemnity or insurance only, but not exculpation) the office holder acted in good faith and had a reasonable basis to believe that the act would not prejudice us; (2) a breach by the office holder of his or her duty of care if the breach was carried out intentionally or recklessly (as opposed to merely negligently); (3) any act or omission committed with the intent to derive an illegal personal benefit; or (4) any fine, monetary sanction, penalty or forfeit levied against the office holder.

Under the Companies Law, exculpation, indemnification and insurance of office holders in a public company must be approved by the compensation committee and the board of directors and, with respect to certain office holders or under certain circumstances, also by the shareholders.

Our articles of association permit us to exculpate (subject to the aforesaid limitation), indemnify and insure our office holders to the fullest extent permitted or to be permitted by the Companies Law.

Item 7. Recent Sales of Unregistered Securities

Set forth below are the sales of all securities by the Company since March 2019, which were not registered under the Securities Act. The Company believes that each of such issuances was exempt from registration under the Securities Act in reliance on Section 4(a)(2) of the Securities Act, Rule 701 and/or Regulation S under the Securities Act.

From September 8, 2019 to October 7, 2019, we issued 1,801,414 Ordinary Shares in a rights offering on TASE, at a price per share of NIS 4.72 (approximately 1.344). The aggregate net proceeds from the offering were approximately NIS 8,312 thousand (approximately \$2,375 thousand).

On August 5, 2020, we issued 5,175,000 Ordinary Shares in a public offering on TASE, at a price per share of NIS 4 (approximately \$1.168). The aggregate net proceeds from the offering were approximately NIS 19,955 thousand (approximately \$5,848 thousand).

On March 10, 2021, we issued 6,891,417 Ordinary Shares, at a price per share of NIS 4.264 (approximately \$1.304) for aggregate net proceeds of \$9,000 thousand pursuant to the January 2021 SPA.

On May 9, 2021, we issued 4,594,278 Ordinary Shares, at a price per share of NIS 4.264 (approximately \$1.304) for aggregate net proceeds of \$6,000 thousand pursuant to the January 2021 SPA.

Since March 2019 to March 31, 2022, we have granted to our directors, officers and employees' options to purchase an aggregate of 2,505,253 Ordinary Shares under our ESOP, with an exercise price ranging between \$1.56 and \$5.76 per share. As of March 31, 2021, 218,969 options granted to directors, officers and employees were exercised, and 213,559 options forfeited and expired. The total outstanding amount of options and warrants to directors, officers, employees and consultants as of March 31, 2021 is 3,087,574.

Item 8. Exhibits and Financial Statement Schedules

Exhibits:

| Exhibit Number | Exhibit Description |
|----------------|---|
| 1.1 # | Articles of Association of IceCure Medical Ltd. |
| 5.1# | Opinion of Sullivan & Worcester Tel-Aviv (Har-Even & Co.), Israeli counsel to IceCure Medical Ltd. |
| 10.1# | Form of Indemnification Agreement. |
| 10.2# | IceCure Medical Stock Option Plan. |
| 10.3# | IceCure Medical Remuneration Policy. |
| 10.4# | Securities Purchase Agreement, dated January 26, 2021, by and between IceCure Medical Ltd. and the investors listed therein. |
| 10.5^# | Distribution Agreement, dated August 29, 2019, by and between IceCure Medical Ltd. and Terumo Corporation. |
| 10.6^# | Distribution Agreement, dated December 31, 2020, by and between IceCure Medical Ltd. and Terumo (Thailand) Company Limited. |
| 21.1# | List of Subsidiaries. |
| 23.1* | Consent of Brightman Almagor Zohar & Co., a member firm of Deloitte Touche Tohmatsu, independent registered public accounting firm. |
| 23.2# | Consent of Sullivan & Worcester Israel (Har-Even & Co.) (included in Exhibit 5.1). |
| 24.1# | Power of Attorney (included on signature page to the Registration Statement on Form F-1). |
| 107* | Filing Fees Table |

* Filed herewith.

Previously filed.

^ Certain confidential information contained in this exhibit, has been omitted pursuant to Item 601(b)(10)(iv) of Regulation S-K, because it (i) is not material and (ii) would be competitively harmful if publicly disclosed.

Financial Statement Schedules:

All financial statement schedules have been omitted because either they are not required, are not applicable or the information required therein is otherwise set forth in the Company's financial statements and related notes thereto.

Item 9. Undertakings

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

i. To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

- ii. To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
 - iii. To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.
- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

II-3

- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) To file a post-effective amendment to the registration statement to include any financial statements required by Item 8.A. of Form 20-F at the start of any delayed offering or throughout a continuous offering. Financial statements and information otherwise required by Section 10(a)(3) of the Act need not be furnished, provided that the registrant includes in the prospectus, by means of a post-effective amendment, financial statements required pursuant to this paragraph (a)(4) and other information necessary to ensure that all other information in the prospectus is at least as current as the date of those financial statements. Notwithstanding the foregoing, with respect to registration statements on Form F-3, a post-effective amendment need not be filed to include financial statements and information required by Section 10(a)(3) of the Act or Rule 3-19 of this chapter if such financial statements and information are contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the Form F-3.
- (5) That for purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4), or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.
- (6) That for the purpose of determining any liability under the Securities Act of 1933, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

II-4

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form F-1 and has duly caused this registration statement on Form F-1 to be signed on its behalf by the undersigned, thereunto duly authorized, in Caesarea, Israel on April 1, 2022.

ICECURE MEDICAL LTD.

By: /s/ Eyal Shamir
 Eyal Shamir
 Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this amendment to the registration statement on Form F-1 has been signed by the following persons in the capacities and on the dates indicated.

| <u>Signature</u> | <u>Title</u> | <u>Date</u> |
|---|---|---------------|
| <u>/s/ Eyal Shamir</u> Eyal Shamir | Chief Executive Officer, Director (Principal Executive Officer) | April 1, 2022 |
| <u>/s/ Ronen Tsimerman</u> Ronen Tsimerman | Chief Financial Officer, Chief Operations Officer (Principal Financial and Accounting Officer) | April 1, 2022 |
| <u>/s/ Ron Mayron</u> Ron Mayron | Director, Chairman of the Board of Directors | April 1, 2022 |
| <u>/s/ Doron Birger</u> Doron Birger | Director | April 1, 2022 |
| <u>/s/ Yang Huang</u> Yang Huang | Director | April 1, 2022 |
| <u>/s/ Oded Tamir</u> Oded Tamir | Director | April 1, 2022 |
| <u>/s/ Sharon Levita</u> Sharon Levita | Director | April 1, 2022 |

II-5

SIGNATURE OF AUTHORIZED REPRESENTATIVE IN THE UNITED STATES

Pursuant to the Securities Act of 1933, as amended, the undersigned, IceCure Medical Inc., the duly authorized representative in the United States of IceCure Medical Ltd., has signed this registration statement on April 1, 2022.

/s/ IceCure Medical Inc.
IceCure Medical Inc.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement (No. 333-258660) on Form F-1, as amended, of our report dated April 1, 2022, relating to the financial statements of IceCure Medical Ltd. appearing in the annual filing on Form 20-F for the year ended December 31, 2021. We also consent to the reference to our firm under the heading "Experts" in such Registration Statement.

/s/ Brightman Almagor Zohar & Co.

Brightman Almagor Zohar & Co.,
Certified Public Accountants
A firm in the Deloitte Global Network

Tel Aviv, Israel
April 1, 2022

Calculation of Filing Fee Tables

Form F-1
(Form Type)

IceCure Medical Ltd.
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

| | <u>Security Type</u> | <u>Security Class Title</u> | <u>Fee Calculation or Carry Forward Rule</u> | <u>Amount Registered</u> | <u>Proposed Maximum Offering Price Per Unit</u> | <u>Maximum Aggregate Offering Price</u> | <u>Fee Rate</u> | <u>Amount of Registration Fee</u> |
|----------------------|-----------------------------------|-------------------------------|--|--------------------------|---|---|-----------------|-----------------------------------|
| Fees to Be Paid | | | | | | | | |
| Fees Previously Paid | Equity | Ordinary shares, no par value | 457(c) | 11,485,697(1) | \$ 10.48(2) | \$ 120,370,105 | 0.0001091 | \$ 13,132.38 |
| | Total Offering Amounts | | | | | | | |
| | Total Fees Previously Paid | | | | | | | |
| | Total Fee Offsets | | | | | | | |
| | Net Fee Due | | | | | | | |

- (1) Pursuant to Rule 416 under the Securities Act of 1933, as amended, or the Securities Act, the Registrant is also registering hereunder an indeterminate number of additional ordinary shares that shall be issuable pursuant to Rule 416 to prevent dilution resulting from stock splits, stock dividends or similar transactions.
- (2) Estimated solely for purposes of calculating the amount of the registration fee pursuant to Rule 457(c) under the Securities Act, based upon the average of the high and low sales prices of the registrant's ordinary shares as reported on the Tel Aviv Stock Exchange on August 8, 2021. Share prices in New Israeli Shekels are translated (solely for the purpose of calculating the registration fee) using the rate of 3.217 NIS to \$1.00, the representative rate of exchange as of August 8, 2021 as published by the Bank of Israel.