
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
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of May 2025

Commission file number: 001-40753

ICECURE MEDICAL LTD.
(Translation of registrant's name into English)

7 Ha'Eshel St., PO Box 3163
Caesarea, 3079504 Israel
(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 ☐ Form 40-F

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On May 15, 2025, IceCure Medical Ltd. (the "Company") convened its Special General Meeting of Shareholders (the "Meeting").

At the Meeting, a quorum was present and the shareholders of the Company voted upon and approved, by the applicable required majority, all agenda items that were described in the Company's proxy statement for the Meeting, which were included in Exhibit 99.2 to the Company's Report of Foreign Private Issuer on Form 6-K that the Company furnished to the Securities and Exchange Commission ("SEC") on April 10, 2025 (the "Proxy Statement").

This Report of Foreign Private Issuer on Form 6-K is incorporated by reference into the Company's Registration Statements on Form F-3 (Registration Nos. [333-267272](#) and [333-258660](#)) and Form S-8 (Registration Nos. [333-270982](#), [333-264578](#), [333-262620](#), and [333-281587](#)), filed with the SEC, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

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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.

IceCure Medical Ltd.

Date: May 15, 2025

By: /s/ Eyal Shamir

Name: Eyal Shamir

Title: Chief Executive Officer

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