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 December 2025

Commission File Number: 001-41641

SHL TELEMEDICINE LTD.

(Translation of registrant's name into English)

90 Yigal Alon Street Tel Aviv 67891, Israel (Address of principal executive offices)

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 \boxtimes Form 40-F \square

EXPLANATORY NOTE

On December 3, 2025, SHL Telemedicine Ltd. issued a press release titled "SHL Telemedicine successfully completes rights offering and capital increase", a copy of which is furnished herewith as Exhibit 99.1, and which is incorporated by reference herein.

EXHIBIT INDEX

Exhibit Description

99.1 Press release, dated December 3, 2025, titled "SHL Telemedicine successfully completes rights offering and capital increase"

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.

SHL TELEMEDICINE LTD.

By: /s/ Lior Haalman

Lior Haalman

Chief Financial Officer

December 3, 2025



Ad hoc announcement pursuant to Art. 53 LR

Press release

SHL Telemedicine successfully completes rights offering and capital increase

Tel Aviv / Zurich, December 3, 2025 – SHL Telemedicine Ltd. (SIX Swiss Exchange: SHLTN) ("SHL" or the "Company"), a leading provider and developer of advanced personal telemedicine solutions, today announced that 6,889,064 subscription rights have been exercised until the end of the rights exercise period on December 3, 2025, 12:00 CET, resulting in 20,667,192 new registered shares subscribed by existing shareholders. As mentioned in the prospectus for the rights offering, any subscription rights not exercised during the rights exercise period have expired without compensation. The new shares have been issued in a capital increase resolved by the Board of Directors of the Company today and will be delivered against payment of the offer price of CHF 0.60 on or around December 5, 2025, generating gross proceeds of around CHF 12.4 million.

The capital increase leads to a new total number of 37,059,946 issued registered shares of the Company with a nominal value of NIS 0.01 each. The increased share capital of SHL will amount to NIS 370,599.46. The first trading day of the new shares on SIX Swiss Exchange under the ticker symbol SHLTN (ISIN IL0010855885, Valor 1128957) is scheduled for December 5, 2025.

The successful capital increase supports SHL's turn-around, with the primary objective of restoring sustainable profitability, i.e. by upgrading the operational information systems of SHL Telemedizin GmbH (the German subsidiary of SHL), and by significantly increasing the sales and marketing budget in the U.S. to penetrate this market.

Important notice on disclosure obligations of shareholders:

Under Swiss law (Art. 120 of the Swiss Financial Market Infrastructure Act), shareholders of the Company, who, e.g., as a result of the capital increase, directly or indirectly (including through controlled entities), individually, or jointly acting in concert, reach, fall below or exceed a disclosure threshold of 3, 5, 10, 15, 20, 25, 33½, 50 or 66½ percent of all voting rights of the Company, whether exercisable or not, must notify both the Company and the SIX Disclosure Office via the SIX Disclosure Office's electronic platform (https://disclosure.six-exchange-regulation.com/gui/de/shareholding/new-notification; also see the respective manual at olsdigital-manual-investors-en.pdf). The deadline for such disclosure notifications by shareholders related to the capital increase is four trading days from the capital increase, i.e. December 9, 2025. Breaches of the respective disclosure obligation are regarded a criminal offence under Swiss law. The Company must publish such notifications within two trading days of receipt via the same platform. Shareholders are solely responsible for assessing whether they have a disclosure obligation under Swiss and any other applicable law and for complying with all applicable requirements and may retain local legal counsel. The Company assumes no responsibility for the shareholders' compliance with such obligations.

For further information, please contact:

Fabienne Farner, IRF, Phone: +41 43 244 81 42, farner@irf-reputation.ch

About SHL Telemedicine:

SHL is engaged in developing and marketing personal telemedicine systems and the provision of medical call center services, with a focus on cardiovascular and related diseases, to end users and to the healthcare community. SHL offers its services and personal telemedicine devices to subscribers utilizing telephonic and Internet communication technology. SHL is listed on the SIX Swiss Exchange (SHLTN, ISIN: IL0010855885, Valor: 1128957). For more information, please visit our web site at www.shl-telemedicine.com.

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Disclaimer / Forward-looking statements:

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A decision to invest in securities of the Company should be based exclusively on the prospectus published by the Company for such purpose. Copies of such prospectus (and any supplements thereto) are available free of charge from the Company (Mr. Lior Haalman, Chief Financial Officer of the Company, SHL Telemedicine Ltd., 90 Yigal Alon St., Tel Aviv 6789130, Israel, liorh@shl-telemedicine.com).

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This publication may contain specific forward-looking statements, e.g. statements including terms like "believe", "assume", "expect", "forecast", "project", "may", "could", "might", "will" or similar expressions. Such forward-looking statements are subject to known and unknown risks, uncertainties and other factors which may result in a substantial divergence between the actual results, financial situation, development or performance of the Company and those explicitly or implicitly presumed in these statements. Against the background of these uncertainties, readers should not rely on forward-looking statements. The Company assumes no responsibility to up-date forward-looking statements or to adapt them to future events or developments.

Except as required by applicable law, the Company has no intention or obligation to update, keep updated or revise this publication or any parts thereof (including any forward-looking statement) following the date hereof.

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