
**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 November 2024

Commission File Number: **001-40552**

NYXOAH SA

(Translation of registrant's name into English)

Rue Edouard Belin 12, 1435 Mont-Saint-Guibert, Belgium

(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

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

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

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

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Nyxoah SA

On November 18, 2024, Nyxoah SA (the “Company”) issued a press release, a copy of which is attached hereto as Exhibit 99.1.

The information in the attached Exhibit 99.1 is being furnished and shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference in any filing made by the Company under the Securities Act of 1933, as amended, or the Exchange Act, except as otherwise set forth herein or as shall be expressly set forth by specific reference in such a filing.

Exhibits

99.1 [Press Release, dated November 18, 2024](#)

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.

NYXOAH SA

Date: November 18, 2024

By: /s/ Olivier Taelman

Name: Olivier Taelman

Title: Chief Executive Officer



REGULATED INFORMATION

Publication relating to transparency notifications

Mont-Saint-Guibert (Belgium), November 18, 2024, 10:30 pm CET / 4:30 pm ET – In accordance with article 14 of the Act of 2 May 2007 on the disclosure of large shareholdings, Nyxoah SA (Euronext Brussels/Nasdaq: NYXH) announces that it received a transparency notification as detailed below.

On November 15, 2024, Nyxoah received a transparency notification from ResMed Inc. following the passive crossing of a threshold. Based on the notification, ResMed Inc. holds 1,727,864 voting rights, representing 4.62% of the total number of voting rights on October 9, 2024 (37,389,015).

The notification dated November 5, 2024 contains the following information:

- Reason for the notification: passive crossing of a threshold
- Notification by: a person that notifies alone
- Persons subject to the notification requirement:
 - ResMed Inc. (with address at 9001 Spectrum Center Boulevard, San Diego, CA 92123, USA)
- Date on which the threshold was crossed: October 9, 2024
- Threshold that is crossed: 5%
- Denominator: 37,389,015
- Notified details:

A) Voting rights	Previous notification	After the transaction			
		# of voting rights		% of voting rights	
Holders of voting rights		Linked to securities	Not linked to the securities	Linked to securities	Not linked to the securities
ResMed Inc.	1,619,756	1,727,864	0	4.62%	0.00%
TOTAL		1,727,864	0	4.62%	0.00%

- Full chain of controlled undertakings through which the holding is effectively held: No indirect holding of voting securities. ResMed Inc. is not a controlled entity.

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Contact:
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