

U.S. SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934

AVISTA HEALTHCARE PUBLIC ACQUISITION CORP.

(Exact Name of Registrant as Specified in Its Charter)

Cayman Islands

(State or other jurisdiction of Incorporation or Organization)

N/A

(I.R.S. Employer Identification No.)

65 East 55th Street

18th Floor

New York, New York

(Address of Principal Executive Offices)

10022

(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

**Title of Each Class
to be Registered**

**Name of Each Exchange on Which Each
Class is to be Registered**

Units, each consisting of one Class A Ordinary Share and one Warrant

The NASDAQ Stock Market LLC

Class A Ordinary Shares, par value \$0.0001 per share

The NASDAQ Stock Market LLC

**Warrants, each exercisable for one-half of one Class A Ordinary Share
at an exercise price of \$5.75 per one-half share**

The NASDAQ Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), check the following box. x

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), check the following box. o

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box. o

Securities Act registration statement file number to which this form relates: **333-213465**

Securities to be registered pursuant to Section 12(g) of the Act:

N/A

(Title of Class)

Item 1. Description of Registrant's Securities to be Registered.

The securities to be registered hereby are units, Class A ordinary shares, par value \$0.0001 per share, and warrants to purchase Class A ordinary shares, of Avista Healthcare Public Acquisition Corp. (the "Registrant"). The description of the units, ordinary shares and warrants set forth under the heading "Description of Securities" in the Registrant's prospectus forming part of its Registration Statement on Form S-1 (File No. 333-213465), originally filed with the Securities and Exchange Commission on September 2, 2016, as thereafter amended and supplemented from time to time (the "Registration Statement") to which this Form 8-A relates is incorporated by reference herein. Any form of prospectus or prospectus supplement to the Registration Statement that includes such descriptions and that are subsequently filed are hereby also incorporated by reference herein.

Item 2. Exhibits.

The following exhibits have been filed as exhibits to the Registration Statement, as amended, and are incorporated herein by reference:

Exhibit No.	Description
3.1	Amended and Restated Memorandum and Articles of Association (incorporated by reference to Exhibit 3.1 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 30, 2016).
4.1	Specimen Unit Certificate (incorporated by reference to Exhibit 4.1 filed with the Registrant's Registration Statement on Form S-1 (File

No. 333-213465), filed with the Securities and Exchange Commission on September 2, 2016).

- 4.2 Specimen Class A Ordinary Share Certificate (incorporated by reference to Exhibit 4.2 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 2, 2016).
- 4.3 Specimen Warrant Certificate (incorporated by reference to Exhibit 4.3 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 2, 2016).
- 4.4 Form of Warrant Agreement between Continental Stock Transfer & Trust Company and the Registrant (incorporated by reference to Exhibit 4.4 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 30, 2016).
- 10.1 Form of Investment Management Trust Agreement between Continental Stock Transfer & Trust Company and the Registrant (incorporated by reference to Exhibit 10.3 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 2, 2016).
- 10.2 Form of Registration Rights Agreement between the Registrant and certain security holders (incorporated by reference to Exhibit 10.4 filed with the Registrant's Registration Statement on Form S-1 (File No. 333-213465), filed with the Securities and Exchange Commission on September 30, 2016).

2

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

AVISTA HEALTHCARE PUBLIC ACQUISITIONS CORP.

Date: October 5, 2016

By: /s/ Benjamin Silbert
Name: Benjamin Silbert
Title: General Counsel and Secretary

3
