UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-K/A

(Amendment No. 1)

(Ma	rk One) ⊠	ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) For the fiscal year en) OF THE SECURITIES EXCHANGE ACT Ided December 31, 2017	° OF 1934		
		TRANSITION REPORT PURSUANT TO SECTION 13 OR PERIOD FROM TO	OR 15(d) OF THE SECURITIES EXCHANGE	ACT OF 1934 FOR THE TRANSITION		
	Commission File Number 001-37906					
	AVISTA HEALTHCARE PUBLIC ACQUISITION CORP. (Exact name of Registrant as specified in its Charter)					
		Cayman Islands (State or other jurisdiction of incorporation or organization) 65 East 55th Street 18th Floor New York, New York (Address of principal executive offices) Registrant's telephone number, in	98-132 (I.R.S. E. Identifica 100 (Zip C ncluding area code: (212) 593-6900	mployer tion No.) 22		
	Securities r	egistered pursuant to Section 12(b) of the Act:				
		Title of each class	Name of each exchange	e on which registered		
	\$0.0001 Class V	s, each consisting of one Class A ordinary share, par value, and one Warrant to purchase one half of one Class A ordinary share s A ordinary shares, par value \$0.0001 per share Varrants to purchase Class A ordinary shares	NASDAQ Ca NASDAQ Ca NASDAQ Ca	apital Market		
		egistered pursuant to Section 12(g) of the Act:				
	None					
	5	check mark if the Registrant is a well-known seasoned issuer, as d				
	Indicate by	check mark if the Registrant is not required to file reports pursuan	t to Section 13 or 15(d) of the Act. YES \Box NO	\boxtimes		
preceding ⊠ NO □		check mark whether the Registrant: (1) has filed all reports require or for such shorter period that the Registrant was required to file su				
	and posted p	check mark whether the Registrant has submitted electronically ar nursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) on n files). YES \boxtimes NO \square				
of Registra		check mark if disclosure of delinquent filers pursuant to Item 405 dge, in definitive proxy or information statements incorporated by				
company. (Check on	See the defir	check mark whether the registrant is a large accelerated filer, an ac nitions of "large accelerated filer," "accelerated filer," "smaller rep				
Large acce	elerated filer	□ Accelerated filer ⊠	Non-accelerated filer □ (Do not check if a smaller reporting company)	Smaller reporting company \Box		
Emerging	growth com	pany 🗵	sinanci reporting company)			
financial a		ing growth company, indicate by check mark if the registrant has ϵ andards provided pursuant to Section 13 of the Exchange Act. \Box	elected not to use the extended transition period	for complying with any new or revised		
	Indicate by	check mark whether the Registrant is a shell company (as defined	in Rule 12b-2 of the Exchange Act). YES \boxtimes N	Ю 🗆		
outstandin outstandin	g held by no At Decemb	29, 2018, the last business day of the Registrant's most recently co on-affiliates of the Registrant was approximately \$310,930,000 bas er 31, 2017, there were 31,000,000 Class A ordinary shares, \$0.00	sed on its last reported sales price of \$10.03 on	the NASDAQ Capital Market.		
meeting of		Incorporated by Reference: Portions of the proxy statement that w is are incorporated by reference into Part III of this Annual Report		8 in connection with the 2018 annual		

EXPLANATORY NOTE

Avista Healthcare Public Acquisition Corp. (the "Company") is filing this Amendment No. 1 on Form 10-K/A to amend its Annual Report on Form 10-K for the year ended December 31, 2017, filed with the Securities and Exchange Commission ("SEC") on March 14, 2018 (the "2017 Annual Report") solely to include language inadvertently omitted from the previously filed Exhibits 31.1 and 31.2, and contains new certifications pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, which are attached hereto. This Amendment should be read in conjunction with the Company's 2017 Annual Report and other Company filings made with the SEC.

Except as described above, no other changes have been made to the 2017 Annual Report, and this Form 10-K/A does not modify, amend or update in any way any of the financial or other information contained in the 2017 Annual Report. This Form 10-K/A does not reflect events that may have occurred subsequent to the filing date of the 2017 Annual Report.

PART IV

Item 15. Exhibits, Financial Statement Schedules.

b) Exhibits:

Exhibit Number	EXHIBITS Description
2.1**	Transaction Agreement, dated August 21, 2017, by and among Avista Healthcare Public Acquisition Corp., Avista Healthcare Merger Sub, Inc., Avista Healthcare NewCo, LLC and Envigo International Holdings, Inc. (incorporated by reference to Exhibit 2.1 to the Registrant's Current Report on Form 8-K filed on August 22, 2017).
2.2**	Amendment No. 1 to the Transaction Agreement, dated as of November 22, 2017, by and among Avista Healthcare Public Acquisition Corp., Envigo International Holdings, Inc., Avista Healthcare Merger Sub, Inc. and Avista Healthcare NewCo, LLC (incorporated by reference to Exhibit 2.1 to the Current Report on Form 8-K of Avista Healthcare Public Acquisition Corp., filed with the SEC on November 22, 2017).
2.3**	Amendment No. 2 to the Transaction Agreement, dated as of December 22, 2017, by and among Avista Healthcare Public Acquisition Corp., Envigo International Holdings, Inc., Avista Healthcare Merger Sub, Inc. and Avista Healthcare NewCo, LLC (incorporated by reference to Exhibit 2.1 to the Current Report on Form 8-K of Avista Healthcare Public Acquisition Corp., filed with the SEC on December 26, 2017).
2.4**	Amendment No. 3 to the Transaction Agreement, dated as of January 21, 2018, by and among Avista Healthcare Public Acquisition Corp., Envigo International Holdings, Inc., Avista Healthcare Merger Sub, Inc. and Avista Healthcare NewCo, LLC (incorporated by reference to Exhibit 2.1 to the Current Report on Form 8-K of Avista Healthcare Public Acquisition Corp., filed with the SEC on January 22, 2018).
2.5**	Amendment No. 4 to the Transaction Agreement, dated as of February 9, 2018, by and among Avista Healthcare Public Acquisition Corp., Envigo International Holdings, Inc., Avista Healthcare Merger Sub, Inc. and Avista Healthcare NewCo, LLC (incorporated by reference to Exhibit 2.5 to the Current Report on Form S-4/A of Avista Healthcare Public Acquisition Corp., filed with the SEC on February 9, 2018).
2.6**	Mutual Termination Agreement, dated February 14, 2018, by and among Avista HealthcarePublic Acquisition Corp., Avista Healthcare Merger Sub, Inc., Avista Healthcare NewCo, LLC and Envigo International Holdings, Inc. (incorporated by reference to Exhibit 2.6 to the 10-K of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).
3.1**	Amended and Restated Memorandum and Articles of Association (incorporated by reference to Exhibit 3.1 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).

4.1**	<u>Specimen Unit Certificate (incorporated by reference to Exhibit 4.1 filed with the Form S-1 filed by the Registrant on September 2, 2016).</u>
4.2**	<u>Specimen Class A Ordinary Share Certificate (incorporated by reference to Exhibit 4.2 filed with the Form</u> <u>S-1 filed by the Registrant on September 2, 2016).</u>
4.3**	Specimen Warrant Certificate (incorporated by reference to Exhibit 4.3 filed with the Form S-1 filed by the Registrant on September 2, 2016).
10.1**	Warrant Agreement, dated as of October 10, 2016, between the Company and Continental Stock Transfer & Trust Company, as warrant agent (incorporated by reference to Exhibit 4.4 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.2**	Letter Agreement, dated October 10, 2016, among the Company, its officers and directors and Avista Acquisition Corp. (incorporated by reference to Exhibit 10.1 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.3**	Investment Management Trust Agreement, dated as of October 10, 2016, between the Company and Continental Stock Transfer & Trust Company, as trustee (incorporated by reference to Exhibit 10.2 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.4**	Registration Rights Agreement, dated as of October 10, 2016, among the Company, Avista Acquisition Corp. and certain other security holders named therein (incorporated by reference to Exhibit 10.3 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.5**	Administrative Services Agreement, dated October 10, 2016, between the Company and Avista Capital Holdings, L.P. (incorporated by reference to Exhibit 10.5 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.6**	Private Placement Warrants Purchase Agreement dated as of October 10, 2016, among the Company, Avista Acquisition Corp. and certain other purchasers named therein (incorporated by reference to Exhibit 10.4 filed to the Company's current report on Form 8-K filed by the Registrant on October 14, 2016).
10.7**	Form of Indemnity Agreement (incorporated by reference to Exhibit 10.7 filed with the Form S-1 filed by the Registrant on September 2, 2016).
10.8**	Promissory Note, dated September 1, 2016, issued to Avista Acquisition Corp. (incorporated by reference to Exhibit 10.1 filed with the Form S-1 filed by the Registrant on September 2, 2016).
10.9**	Securities Subscription Agreement, dated December 14, 2015, between the Registrant and Avista Acquisition Corp. (incorporated by reference to Exhibit 10.5 filed with the Form S-1 filed by the Registrant on September 2, 2016).
10.10**	Parent Sponsor Letter Agreement, dated August 21, 2017, by and among Avista Healthcare Public Acquisition Corp., Avista Acquisition Corp., and certain individuals (incorporated by reference to Exhibit 10.10 to the Registrant's Current Report on Form 8-K filed on August 22, 2017).
24.1**	<u>Power of Attorney (incorporated by reference to Exhibit 24.1 to the 10-K of Avista Healthcare Public</u> <u>Acquisition Corp., filed with the SEC on March 14, 2018).</u>
31.1*	Certification of Principal Executive Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2*	Certification of Principal Financial Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1**	Certification of Principal Executive Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (incorporated by reference to Exhibit 32.1 to the Company's Annual Report on Form10-K filed with the SEC on March 14, 2018).

3	2.2**	<u>Certification of Principal Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to</u> <u>Section 906 of the Sarbanes-Oxley Act of 2002 (incorporated by reference to Exhibit 32.2 to the</u> <u>Company's Annual Report on Form10-K filed with the SEC on March 14, 2018).</u>	
1	01.INS**	XBRL Instance Document (incorporated by reference to Exhibit 101.INS to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
1	01.SCH**	Taxonomy Extension Schema Document (incorporated by reference to Exhibit 101.SCH to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
1	01.CAL**	Taxonomy Extension Calculation Linkbase Document (incorporated by reference to Exhibit to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
1	01.DEF**	Taxonomy Extension Definition Linkbase Document (incorporated by reference to Exhibit 101.DEF to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
1	01.LAB**	Taxonomy Extension Label Linkbase Document (incorporated by reference to Exhibit 101.LAB to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
1	01.PRE**	Taxonomy Extension Label Linkbase Document (incorporated by reference to Exhibit 101.PRE to the 10-Q of Avista Healthcare Public Acquisition Corp., filed with the SEC on March 14, 2018).	
* Filed herewith.			

** Previously filed.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) 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.

AVISTA HEALTHCARE PUBLIC ACQUISITION CORP.

Date: October 15, 2018

By: /s/ David Burgstahler

David Burgstahler President and Chief Executive Officer (Principal Executive Officer)

Date: October 15, 2018

By: /s/ John Cafasso

John Cafasso Chief Financial Officer

CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, David Burgstahler, certify that:

1. I have reviewed this Annual Report on Form 10-K/A of Avista Healthcare Public Acquisition Corp.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statement made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date: October 15, 2018

/s/ David Burgstahler

David Burgstahler President and Chief Executive Officer

CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, John Cafasso, certify that:

1. I have reviewed this Annual Report on Form 10-K/A of Avista Healthcare Public Acquisition Corp.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statement made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date: October 15, 2018

/s/ John Cafasso John Cafasso Chief Financial Officer