

July 15, 2021

Rajiv Shukla  
Chairman and Chief Executive Officer  
Alpha Healthcare Acquisition Corp.  
1177 Avenue of the Americas  
5th Floor  
New York, NY 10036

Acquisition Corp.

Registration Statement on Form S-4

Re: Alpha Healthcare

Amendment No. 2 to

Filed July 1, 2021

File No. 333-254597

Dear Mr. Shukla:

We have reviewed your amended registration statement and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments. Unless we note otherwise, our references to prior comments are to comments in our June 24, 2021 letter.

Amendment No. 2 to Registration Statement on Form S-4, Filed July 1, 2021

Opinion of AHAC's Financial Advisor  
Certain Projected Financial Information, page 87

1. We have reviewed your revised disclosure in response to prior comment 2 and reissue the comment, in part. With specific reference to the significant length of the projections and Humacyte's current status as a clinical stage company with limited operations and no approved products, please expand your disclosures to address how the Board used these projections and how/whether its consideration of the projections that extended beyond the next two years may have differed.

Rajiv Shukla  
Alpha Healthcare Acquisition Corp.  
July 15, 2021  
Page 2

You may contact Michael Fay at 202-551-3812 or Jeanne Baker at 202-551-3691 if you have questions regarding comments on the financial statements and related matters. Please contact Margaret Schwartz at 202-551-7153 or Suzanne Hayes at 202-551-3675 with any other questions.

Sincerely,

FirstName LastNameRajiv Shukla

Division of Corporation

Finance  
Comapany NameAlpha Healthcare Acquisition Corp.

Office of Life Sciences

July 15, 2021 Page 2

cc: Laurie A. Burlingame, Esq.

FirstName LastName