



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

DIVISION OF  
CORPORATION FINANCE

April 7, 2021

Patrick Miles  
Chief Executive Officer  
Alphatec Holdings, Inc.  
1950 Camino Vida Roble  
Carlsbad, CA 92008

**Re: Alphatec Holdings, Inc.**  
**Registration Statement on Form S-3**  
**Filed March 31, 2021**  
**File No. 333-254915**

Dear Mr. Miles:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Dillon Hagius at 202-551-7967 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Matthew Bush