



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

DIVISION OF  
CORPORATION FINANCE

January 20, 2022

Jonathan Will McGuire  
Chief Executive Officer  
Ra Medical Systems, Inc.  
2070 Las Palmas Drive  
Carlsbad, CA 92011

**Re: Ra Medical Systems, Inc.**  
**Registration Statement on Form S-1**  
**Filed January 14, 2022**  
**File No. 333-262195**

Dear Mr. McGuire:

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 Gary Guttenberg at (202) 551-6477 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Martin Waters