December 2, 2020

Dane Andreeff Interim President and Chief Executive Officer Helius Medical Technologies, Inc. 642 Newtown Yardley Road, Suite 100 Newtown, Pennsylvania 18940

Technologies, Inc.

Statement on Form S-1

2020

Re: Helius Medical

Registration

Filed November 25,

File No. 333-250974

Dear Mr. Andreeff:

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 Courtney

Lindsay at (202) 551-7237 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences