

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

August 16, 2021

Reza Zadno, Ph.D. Chief Executive Officer PROCEPT BioRobotics Corporation 900 Island Drive Redwood City, CA 94065

> Re: PROCEPT BioRobotics Corporation Amendment No. 1 to Draft Registration Statement on Form S-1 Submitted July 29, 2021 CIK No. 0001588978

Dear Dr. Zadno:

We have reviewed your amended draft 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 providing the requested information and either submitting an amended draft registration statement or publicly filing your registration statement on EDGAR. 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 the information you provide in response to these comments and your amended draft registration statement or filed registration statement, we may have additional comments.

Amendment No. 1 to Draft Registration Statement on Form S-1 submitted July 29, 2021

Our Clinical Results and Studies, page 114

1. We note your response to our prior comment 16. To the extent known, please expand your disclosure to address how the transfusion rates and hemostatis observed in your clinical studies compare to TURP and other alternative surgical treatments.

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Intellectual Property, page 126

2. We note your response to our prior comment 18. Please revise your disclosure to specify the type of patent protection afforded to the material patents covering your AquaBeam Robotic System (e.g., composition of matter, use or process). Please also identify the jurisdictions of the 25 foreign patents covering your AquaBeam Robotic System.

You may contact Christine Torney at 202-551-3652 or Kevin Kuhar at 202-551-3662 if you have questions regarding comments on the financial statements and related matters. Please contact Jane Park at 202-551-7439 or Thomas Kluck at 202-551-3233 with any other questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Drew Capurro, Esq.