

July 23, 2021

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

Re: PROCEPT BioRobotics  
Draft Registration  
Submitted June 25,  
CIK No. 0001588978

Corporation  
Statement on Form S-1  
2021

Dear Dr. Zadno:

We have reviewed your 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.

Draft Registration Statement on Form S-1 submitted June 25, 2021

Market and Industry Data, page ii

1. We note your statement cautioning investors not to give undue reliance to estimates or market data included in the prospectus. Such statement may imply an inappropriate disclaimer of responsibility with respect to the third party information; therefore, please either remove the potential disclaiming language or clearly state in this section whether such information is reliable and that you are liable for such information.

Reza Zadno, Ph.D.  
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BioRobotics Corporation  
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Our Company, page 1

2. Please clarify the meaning of scientific or technical terms the first time they are used here and in the Business section or in close proximity thereto in order to ensure that lay readers will understand the disclosure. For example, please briefly explain what you mean by cystoscopic, endoscopic, CPU, resective surgery, hemostatis and peri-operative transfusion.

3. We note your disclosure on pages 38 and 125 that your currently

marketed AquaBeam  
Robotic System is a Class II medical device, which was initially  
granted marketing  
authorization pursuant to a de novo classification. Please revise to  
include disclosure of  
the Class II classification in the Summary as well.

4. We note your disclosure on pages 1, 4 and throughout the Business  
section that your  
Aquablation therapy delivers outcomes that are effective, safe and  
durable across all  
prostate sizes and shapes. Please note that determinations of safety  
and efficacy are solely  
within the authority of the FDA and comparable foreign regulators;  
therefore, please  
revise the prospectus to remove all references and/or implications of  
safety and efficacy  
for the use of your devices in treating indications for which you have  
not received an  
approved PMA from the FDA.

5. Please revise to explain when you commenced work designing the  
AquaBeam Robotic  
System, when you conducted the studies referenced in the prospectus  
and when your  
product received 510(k) clearance. Please also include a detailed  
description of the patient  
population for which your AquaBeam Robotic System for which you have  
received FDA  
510(k) clearance.  
Our Solution, page 3

6. Please balance your disclosure with equally prominent disclosure of  
the disadvantages of  
your AquaBeam Robotic System, such as observed hemostasis,  
peri-operative transfusions  
and any other adverse side effects observed in your clinical trials,  
as applicable.  
Our Success Factors, page 4

7. We refer to your disclosure on page 4 and elsewhere in the prospectus  
to nine clinical  
studies and over 100 peer-reviewed publications demonstrating the  
efficacy, safety and  
durability of your Aquablation therapy. Please revise your disclosure  
in this section and  
in greater detail elsewhere to disclose, if true, whether you funded  
or sponsored the  
clinical studies and if your employees were involved in both the  
studies and publications.

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Summary Risk Factors, page 6

8. Please disclose as a principal risk factor the risk of substantial  
dilution as discussed on  
page 65. Also when discussing the risk of dilution in the risk factors  
section, please  
discuss the affect that the redeemable convertible preferred stock may  
have upon  
dilution.  
We depend on third-party suppliers..., page 22

9. We note your risk factor disclosure on page 22 that for certain  
critical components and  
raw materials for your products, you rely on single source suppliers  
and for which there  
are relatively few alternative sources of supply. Please expand your  
disclosure in the  
Business section to discuss your sources, the availability of raw  
materials and the names  
of any principal suppliers. See Item 101(h)(4)(v) of Regulation S-K.  
Delaware law and provisions in our amended and restated certificate of  
incorporation..., page 66

10. We note your disclosure that the forum selection provision in your amended certificate of incorporate may have the effect of discouraging lawsuits against you and your directors and officers. Please revise this risk factor and your disclosure in the Business section to disclose that there is also a risk that your forum selection provision may result in increased costs for investors to bring a claim.  
Components of Our Results of Operations, page 83

11. We note your disclosure on page 83 that sales of your products outside the United States represented that approximately 66% and 47% of revenue for the years ended December 31, 2019 and 2020. You also disclose on page 102 that you are growing your existing presence in the large European markets, including Germany, France, Italy, Spain and the United Kingdom. Please expand your disclosure here to identify the key foreign markets that represented the sales of your products outside of the United States.  
Critical Accounting Policies and Estimates  
Common Stock Valuations, page 94

12. Once you have an estimated offering price or range, please explain to us how you determined the fair value of the common stock underlying your equity issuances and the reasons for any differences between the recent valuations of your common stock leading up to the IPO and the estimated offering price. This information will help facilitate our review of your accounting for equity issuances, including stock compensation. Please discuss with the staff how to submit your response.

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Business, page 97

13. We refer to your disclosure on page 98 under the first bullet point under the heading Significant and durable symptom relief and the surgical retreatment rates observed in your clinical studies. Please balance your disclosure to describe the surgical retreatment rates observed for patients who underwent TURP and other treatments, as applicable. We refer to your disclosure on page 116.  
Market Overview, page 102

14. We note your disclosure on page 105 relating to dissatisfaction among patients with the effectiveness of their BPH medications. We also refer to your disclosure in the first bullet point on page 106 of your belief that the high rates of irreversible complications are largely due to use of heat-based technology to resect prostate tissue. Please revise to clarify the studies and the data that support your conclusions.  
Our Clinical Results and Studies, page 111

15. Please revise to clarify whether each of your core clinical trials were powered for statistical significance and expand your discussion of the statistical significance and p-values with respect to improvements in IPSS and QoL scores, surgical retreatment rates and operative times, as applicable.

16. Please expand on the significance of peri-operative transfusion rates and hemostatis observed in your core clinical studies, including how the transfusion

rates and hemostatis

observed compare to TURP and other alternative surgical treatments.

17. We note your disclosure that you plan to follow patients in the WATER and WATER II

clinical studies for a total of five years, with three-year data

already having been collected

and analyzed. Please clarify your follow-up plans for patients in your

OPEN WATER

clinical study beyond the 12-month follow-up.

Intellectual Property, page 123

18. We note your disclosure on page 123 relating to your patent portfolio in the U.S. and in

foreign jurisdictions. Please expand your disclosure to identify for

each material patent

and patent application, as applicable, the scope and technology of

each such patent or

patent application, the type of patent protection and expiration

dates. Consider adding

tabular disclosure in addition to the narrative for ease of use.

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19. You disclose on page 62 that you are dependent on intellectual

property licensed from

third parties, including AquaBeam LLC. To the extent material, please

expand your

disclosure in this section to disclose any additional third parties

from whom you license

intellectual property, the scope of and technology related to such

patent rights and the

material terms of such license agreements. Please also revise your

disclosure here and in

the risk factor disclosure section to identify AquaBeam LLC as an

entity affiliated with

your company.

License Agreement with AquaBeam, page 124

20. Please revise to disclose when the last-to-expire licensed patent and PROCEPT Patent is

set to expire under the AquaBeam license agreement. Please also

disclose the upfront fee

and the aggregate amount of milestone payments to be paid or received,

if any, as well as

the aggregate amounts paid or received under the license agreement.

Principal Stockholders, page 152

21. In your revised prospectus, please include in the footnotes to your table to identify the

natural persons who are the beneficial owners of the shares held by

Viking Global

Opportunities Illiquid Investments Sub-Master LP and for the Entitles

Associated with

Fidelity, as well as the address of each such natural person, as

applicable.

Note 2. Summary of Significant Accounting Policies

Revenue Recognition, page F-12

22. We note that you record revenue for both the sale and rental of equipment and that on

page F-18 you have \$1.2 million of capitalized rental equipment.

Please revise the filing

to clearly describe the accounting treatment for your rental revenue,

including general or

material terms of the lease agreements including any minimum purchase

commitments.

Tell us how your accounting treatment complies with ASC 842. Tell us

and disclose, if

material, the amount of rental revenue that is outside the scope of

ASC 606. Refer to ASC

606-10-50-4(a).

General

23. Please provide us with supplemental copies of all written

communications, as defined in  
Rule 405 under the Securities Act, that you, or anyone authorized to  
do so on your behalf,  
have presented or expect to present to potential investors in reliance  
on Section 5(d) of the  
Securities Act, whether or not you retained, or intend to retain,  
copies of those  
communications.

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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

Office of Life

Corporation Finance

Sciences

cc: Drew Capurro, Esq.