

April 20, 2023

Anshul Maheshwari
Chief Financial Officer
SI-BONE, Inc.
471 El Camino Real, Suite 101
Santa Clara, CA 95050

Re: SI-BONE, Inc.
Form 10-K for the

fiscal year ended December 31, 2022

Filed March 2, 2023
Response dated

April 14, 2023

File No. 001-38701

Dear Anshul Maheshwari:

We have reviewed your April 14, 2023 response to our comment letter 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 these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments. Unless we note otherwise, our references to prior comments are to comments in our March 31, 2023 letter.

Form 10-K for the fiscal year ended December 31, 2022

Consolidated Financial Statements
Property and Equipment, net, page 88

1. We have reviewed your response to prior comment 1 and have the following additional comments:

As it relates to any individual instruments that are added to an instrument tray that has been previously placed into service, please provide us an analysis on how you determined these additions should not be accounted for as "maintenance and repairs;" Similarly, as it relates to any replacement instrument trays that are replacing instrument trays significantly before the end of their useful lives, please provide us an

Anshul Maheshwari
SI-BONE, Inc.
April 20, 2023
Page 2

analysis on how you determined these replacement trays should not be accounted for as "maintenance and repairs;"

Please clarify for us in further detail the life cycle of an instrument tray that is returned to the company. For example, clarify whether these instrument trays remain intact or are disassembled into the individual instrument components; Please tell us the number of instrument trays that were replaced in 2022 and the range and average length of time these instrument trays were in service before being replaced; Please tell us the number of instrument trays that were returned to the company in

2022 and the range and average length length of time these instrument trays were in

service before being returned; and

Please tell us the estimated useful life of your instrument trays.

You may contact Michael Fay at 202-551-3812 or Brian Cascio, Accounting Branch Chief, at 202-551-3676 if you have any questions.

Sincerely,

FirstName LastNameAnshul Maheshwari
Corporation Finance

Division of

Office of Industrial

Applications and
Comapany NameSI-BONE, Inc.

Services

April 20, 2023 Page 2

cc: Michael Pisetsky, SVP & CLO

FirstName LastName