



## Carnegie Mellon Institutional Review Board

April 23rd, 2021

Matthew Travers  
mtravers@andrew.cmu.edu

Title: Stiffness Measurement Device for Tissue Analysis  
Protocol: Human Subjects Research (Exempt)  
Funding Source: No funding required  
IRB Review Date: 4/6/2021  
Effective Date: 5/1/2021  
Expiration Date: 5/1/2022  
IRB Review Action: Approved  
IRB Approval Number: ONC-4784

Dear Matthew Travers,

On 4/6/2021, we have reviewed your application for your project, and the Institutional Review Board at Carnegie Mellon University has approved the testing of human subjects for the above-referenced submission. **The re-approval for this project will expire on 7/2/2021. Your first approval for this project was on 2/6/2020.**

This approval for this project consists of the following. This study is approved for the recruitment and enrollment of patients through the forms submitted using the SPARCS platform:

- Human Protection Training Certification - Valid
- Patient Activities - Approved
- Patient Safety Measures - Approved
- Human Informed Consent Form - Approved

The IRB has also reached a conclusion regarding this project **with the collection of de-identified data:**

- Human Informed Consent: Sufficient detail
- Risk Determination: Minimal to no risk



- Research Information Security Level: Protection Level P2

Please contact 412-268-7166 or [irb-review@andrew.cmu.edu](mailto:irb-review@andrew.cmu.edu) if you have any questions.

Sincerely,

Office of Research Integrity and Compliance  
Institutional Review Board – Carnegie Mellon University



## **Dartmouth College Institutional Review Board**

July 29th, 2021

Proposal Submitted: **July 12th, 2021**  
Date Effective: **August 3rd, 2021**  
Date Expiry: **August 3rd, 2022**  
Project Title: **Stiffness Measurement Device for Tissue Analysis**  
Category: **Cancer/Oncology**  
Investigators: **Brock Christensen - BS, MS, Ph.D.**  
Data Security Level: **Level 1: Publicly Available**

IRB Review Status: **Approved**  
IRB Approval Number: **CANC-7319**

Dear Brock Christensen,

This letter signifies that the IRB (Institutional Review Board) has reviewed the above-referenced project and has approved it for research on July 29th, 2021. Do keep in mind that the project will only be approved for one year and will require re-approval to continue research. The following forms were retrieved from your RAPPORT submission:

- Human Protection Training and Certification - Up-to-date
- Human Informed Consent Form - Approved
- Patient Activity Breakdown - Approved
- Patient Safety Measures - Approved

Based on the information submitted, here are the conclusions that the IRB has determined about your project:

- Risk Determination: Minimal to no risk
- Data Security Level: Appropriate



Should you have any questions, please contact the Committee for the Protection of Human Subjects (CPHS) at 603-646-6482 or email [cphs@dartmouth.edu](mailto:cphs@dartmouth.edu).

Sincerely,

Committee for the Protection of Human Subjects  
Institutional Review Board – Dartmouth College