Twin Cities Campus

Human Research Protection Program

Office of the Vice President for Research

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MODIFICATIONS REQUIRED TO SECURE "APPROVED" DETERMINATION

May 18, 2022

Christopher Lundstrom

612-381-7970 lund0982@umn.edu

Dear Christopher Lundstrom:

On 5/18/2022, the IRB reviewed the following submission:

Type of Review:	Initial Study
Title of Study:	The effect of gas exchange data processing on the
	automated calculation of submaximal thresholds
Investigator:	Christopher Lundstrom
IRB ID:	STUDY00016110
Sponsored Funding:	None
Grant ID:	None
Internal UMN Funding:	None
Fund Management	None
Outside University:	
IND, IDE, or HDE:	None

The IRB determined that modifications are required to secure approval for this submission. The modifications required and their reasons are listed here:

1. Please have Anton Hesse complete the Good Clinical Practice and Human Research Protections for Biomedical Study Teams - Basic Course.

You may not yet implement the changes proposed with this Modification; however, you may continue to conduct your study in the manner that it was approved prior to submission of this Modification.

Please make changes to your submission in ETHOS and re-submit when ready. When resubmitting, please provide a summary of the changes you made and how those changes address the required modifications above. For each modified document, please submit only a "tracked-changes" version. If approved and finalized, your tracked changes will be accepted automatically, so be sure to view your document with "No Markup" under the

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Review tab in WORD prior to uploading it to ensure proper formatting. For additional guidance, please see the detailed job aids available in the "How to Submit" section of the IRB website.

Sincerely,

Dylan Olson, CIP IRB Analyst II