



University of British Columbia – Children's & Women's Research Ethics Board

**UBC C&W Research Ethics Board**

Room A2-141A

950 West 28th Avenue

Vancouver, B.C. V5Z 4H4

Tel: (604) 875-3103

Email: [cwreb@bccchr.ubc.ca](mailto:cwreb@bccchr.ubc.ca)

Website: [www.phsa.ca/researchethics](http://www.phsa.ca/researchethics)

RIS: <https://rise.ubc.ca>

## Scientific / Peer Review Form

If your protocol has not received External or Internal peer review, please provide a scientific review (i.e., from a recognized independent authority in your field OR from your trainee's supervisory committee [see #7 below]). The completed scientific / peer review and your response to any changes / comments raised must be included with your ethics submission. Please note that your submission will not be reviewed until it is complete.

The person doing the scientific / peer review must have the expertise in the field and have no conflict of interest, so as to be able to give an independent and unbiased review. The scientific / peer review must respond specifically to the questions below. The reviewer is specifically requested to avoid "yes / no" answers. Please elaborate on any other issues you identify.

Reviewer's Name:

Title:

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Signature:

Date:

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Title of Research Proposal and PI:

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1. Describe whether or not the purpose of the study is clear to you and whether the measures to be collected relate to the purpose or the hypothesis.

2. How will the study achieve the stated goals? If the goals are achieved, how will the information contribute to the advancement of knowledge?



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3. Discuss whether or not the research design is appropriate to the goals of the study:

- Are specific objectives clearly outlined in the protocol?
- What are the measures being used (i.e., interventional, biochemical, physiological, etc.) and describe how they are suited to the study goals?
- Describe whether or not the specific study procedures are appropriate and reasonable given any risks or burden they may entail.
- Describe whether or not the attached questionnaires are appropriate for the objectives of this study. If psychological tests are to be administered, have they been validated?

4. Discuss whether or not the study population is clearly defined and is appropriate to the stated research purpose.

- Are clear inclusion and exclusion criteria described? How have scientific challenges with respect to the population being studied been explained? How will these challenges be handled?
- If people who may menstruate are included, is the testing in an appropriate phase of the menstrual cycle? Are people using hormonal contraception excluded?

5. Are recruitment procedures specified? Describe any conflicts of interest that could affect the recruitment procedures.



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#### 6. Discuss the adequacy of the data analysis plan.

- How will the planned analysis answer the research question?
- How will the data to be collected be utilized in the statistical analysis?
- How did the investigators arrive at the planned sample size and will it, given variability in the data, likely provide statistical validity?

#### 7. (if applicable) Requirement for Peer Review of Resident / Trainee Research

For residents or other trainees, the research supervisor (or committee) should review the responses to the review and ensure those have been adequately addressed by the resident/trainee. **The supervisor should submit the following statement with the protocol:**

I agree that I will provide oversight of this protocol by doing the following:

- Overseeing the design and conduct of the study
- Ensuring that the resident/trainee is trained and competent to perform the required activities
- Reviewing the protocol application prior to submission to the REB
- Providing guidance in the protection of research subjects
- Assuring proper record keeping and reporting to the REB and other relevant bodies
- Working with students/trainees to identify modifications which may be needed, unanticipated problems or circumstances involving risks to participants or other

\_\_\_\_\_  
Name of Academic Supervisor

\_\_\_\_\_  
Title of Academic Supervisor

\_\_\_\_\_  
Date

*\*Should you have concerns not addressed in the above questions, please elaborate. If preferred, please send your review directly to the C&W REB by email to [Farin Meralli](mailto:Farin.Meralli) to express further comments in confidence.*