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|  | **Fraser Health Research Ethics Board**  Department of Evaluation and Research Services  #400, 13450 102nd Avenue, Surrey, BC V3T 0H1  REB@fraserhealth.ca |

Scientific / Peer Review Form

If your protocol has not received external review from a recognized external scholarly or granting agency, please provide a scientific review (i.e. from a recognized independent authority in your field). The completed scientific/peer review and your response to any changes / comments raised must be included with your ethics submission. 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:** Click or tap here to enter text.

**Reviewer’s Title:** Click or tap here to enter text.

**Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PI Name:** Click or tap here to enter text.

**Title of Research Proposal:** Click or tap here to enter text.

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 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?
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 burdens 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?

1. 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 menstruating women are included, is the testing in an appropriate phase of the menstrual cycle? Are women using hormonal contraception excluded?

1. Are recruitment procedures specified? Describe any conflicts of interest that could affect the recruitment procedures.
2. Discuss the adequacy of their 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?

Should you have concerns not addressed in the above questions, please elaborate. If you prefer, please send your review directly to the Fraser Health Research Ethics Board.