





**Fraser Health Research Ethics Board**  
 FHA, Evaluation and Research Services  
 #400, 13450 102<sup>nd</sup> Avenue, Surrey, BC V3T 0H1  
 Phone: 604.587.4436 Fax: 604.930.5425

### CERTIFICATE OF FHREB APPROVALS

<b>Official Notification - FHREB Number</b> <i>(to be used on all future correspondence)</i> : <b>FHREB 2014-065</b>				
<b>Principal Investigator:</b> GOLNARAGHI, Farid, PhD		<b>Hospital/Facility &amp; Department:</b> Mechatronic Systems Engineering, SFU		
<b>Institution(s) or Geographical Areas where research will be carried out:</b> JPOCSC, SFU				
<b>Co-Investigator(s):</b> Dr. Rhonda Janzen				
<b>Funding Agencies and/or Corporate Sponsor:</b> Unfunded				
<b>Title:</b> Electrical Impedance Spectroscopy for Breast Cancer Detection				
<b>Documents Included in this Approval</b>	<b>Date of Approval</b>	<b>Date of Expiry</b>	<b>Type of Approval</b>	<b>Approval of the FHREB</b>
<ul style="list-style-type: none"> <li>Application for Initial Ethical Review, dated 6/25/2014</li> <li>Protocol 22/7/2014</li> <li>Consent Form Version 1 July 2014</li> <li>Data Collection Form <i>(*The FHREB has determined that the collection of the data elements as described in the protocol/data collection form are justified and required in order to conduct the research)</i></li> </ul>	2015 January 30	2016 January 30	Initial Approval; Full Board Review	 Digitally signed by Stephen Pearce DN: cn=Stephen Pearce, o, ou, email=stephen.pearce@fraserhealth.ca, c=CA Date: 2015.01.30 09:03:55 -08'00'
<ul style="list-style-type: none"> <li>Amendment Application</li> <li>Researcher Response 2015 September 02</li> <li>Researcher Response 2015 September 28</li> <li>Protocol Version 2, 2015 August 06</li> <li>Consent Form Version 3, 2015 September</li> <li>Data Collection Spreadsheet, 2015 June 01</li> </ul>	2015 October 27	2016 January 30	Amendment Approval; Delegated Review	 Digitally signed by sara.oshaughnessy@fraserhealth.ca DN: cn=sara.oshaughnessy@fraserhealth.ca Date: 2015.10.27 13:26:54 -07'00'
<ul style="list-style-type: none"> <li>Application for Annual Renewal form, dated 2016 January 13</li> </ul>	2016 January 29	2017 January 29	Annual Approval; Delegated Review:	

**CERTIFICATION:**

**With respect to clinical trials:**

1. The membership of the Fraser Health Research Ethics Board complies with the membership requirements for research ethics boards as defined in Part C Division 5 of the Food and Drug Regulations and the Tri-Council Policy Statement.
2. The Fraser Health Research Ethics Board carries out its functions in a manner consistent with Good Clinical Practices.
3. The Fraser Health Research Ethics Board has reviewed and approved the clinical trial protocol and the informed consent form for the trial which is to be conducted by a qualified investigator named at the specified clinical trial site. This approval of the documentation listed above and the views of the Fraser Health Research Ethics Board have been documented in writing.

**With respect to delegated review:**

A co-chair or delegated member of the FHREB has reviewed and approved the documentation listed above for the forenamed research study in accordance with the FHREB Policy on "Ethical Conduct of Research and Other Studies Involving Human Subjects", the Tri-council Policy Statement: Ethical Conduct for Research Involving Humans", and the "International Conference on Harmonisation Guidance E6: Good Clinical Practice E6: Consolidated Guidelines".

**With respect to full board review:**

Full FHREB review and approval of the documentation listed above was completed for non-expedited review in accordance with the FHREB Policy on "Ethical Conduct of Research and Other Studies Involving Human Subjects", the Tri-council Policy Statement: Ethical Conduct for Research Involving Humans" and the "International Conference on Harmonisation Guidance E6: Good Clinical Practice E6: Consolidated Guidelines".

**The FHREB approval for this study expires ONE year from the approval date of this certificate. Researchers must submit a Request for Annual Renewal for ongoing research studies prior to the expiry date in order to receive annual re-approval.**