



## Outcomes Report of Activities Supported by Campus Alberta HOPH Meeting Grant

Please provide responses to the six questions below, expanding as necessary to a maximum of two, single-spaced pages.

<b>Date of Report</b>	<b>March 3, 2017</b>
<b>Date of Meeting</b>	December 15, 2016
<b>Title of Meeting</b>	QuICR Door-To-Needle Evaluation Meeting
<b>Team Lead(s)</b>	Noreen Kamal
<b>Amount of Award</b>	\$2,500

**1. Please append the program/agenda for your HOPH-sponsored meeting.**

**Attached**

**2. Meeting attendance (total number of attendees, affiliations represented, etc):**

16 Attendees from:

University of Calgary's Department of Clinical Neuroscience

University of Alberta's Department of Neurology

University of Calgary's Haskayne School of Business

University of Calgary's Community Health Sciences

Cardiovascular Health & Stroke Strategic Clinical Network (AHS)

Westlock Hospital (AHS)

Red Deer Regional Community Hospital (AHS)

Analytics, Data Integration, Measurement & Reporting (AHS)

**3. Outline the meeting expenses covered by the awarded funding:**

Catering costs during meeting (morning coffee, lunch, and afternoon snack)

Airfare or mileage for all out-of-town participants

**4. List, provide, or explain outcomes from the meeting (reports, publications, etc):**

During the meeting, we were able to outline a plan and framework for the evaluation of QuICR's Door-to-Needle (DTN) initiative.

There are 2 quantitative analyses in the works: 1) a pre-post analysis using data from APSS (Alberta Provincial Stroke Strategy) for the pre-dataset and data from the QuICR registry for the post dataset with possible consideration of comparison of DTN times over the same period from another jurisdiction; 2) Analysis of the QuICR registry data to evaluate how much each process (e.g. Pre-notification and Direct-to-CT) reduced DTN time provincially.



Faculty of Health Sciences



A cursory qualitative pre-post analysis has been done and the abstract has been selected for an *Oral* presentation at the European Stroke Organization Conference to be held in Prague May 16-18 2017. [Kamal N, Jeerakathil T, Smith EE, Mann B, Hill MD on behalf of the QuICR Alberta Stroke Program. Reducing Door-to-Needle times at 17 hospital to 36 minutes. *European Stroke Organization Conference*. May 16-18 2017. Oral Presentation.]

There is also a full qualitative analysis planned of QuICR's DTN initiative. This will include conducting focus groups and interviews at the participating hospitals. There will also be a questionnaire developed to allow all participants to provide their feedback on QuICR DTN Improvement Collaborative process. A significant outcome from this meeting was the inclusion of a post-doctoral fellow from University of Calgary's Haskayne School of Business (Jo-Louise Huq), whose key research interest is in qualitative review of initiatives within the healthcare sector. Through this meeting, we were able to introduce Dr. Huq to this work, and she will be leading the qualitative component of the evaluation.

**5. List (with projected timelines and names of participants) what activities or next steps are ensuing from the meeting (follow-up meetings, etc):**

Quantitative Evaluation Activities:

1. Quantitative data review and finalization of both APSS data and QuICR data: Dec 2016-Apr 2017
2. Ethics submission: Mar 2017-Apr 2017
3. Data Analysis with DIMR linkages to patient record: May 2017-Jul 2017
4. Publication of results: Aug 2017- Dec 2017

Qualitative Evaluation Activities:

1. Development of an evaluation plan: Dec 2016-Jan 2017
2. Ethics submission: Feb 2017
3. Conducting Focus Groups and Interviews: Mar-Aug 2017
4. Data transcription and analysis: Sep-Oct 2017
5. Publication of results: Nov-Dec 2017

**6. Please provide any additional commentary on the benefits or unexpected consequences arising from the meeting:**

The key benefits that arose from this meeting were the relationships and buy-in from external groups and departments that were not intrinsically part of the DTN Initiative. This includes both DIMR from AHS and the Haskayne School of Business. By having key representation from DIMR at AHS, we were able to understand the DTN initiative and the QuICR registry, and they are now quite excited to be a part of this work and support data linkages. This meeting also allowed for greater integration of the Haskayne School of Business into the evaluation of this work. There are faculty that are interested in each the qualitative and quantitative components of the analysis. Additionally, we were able to recruit Dr. Huq as a PDF to lead the qualitative analysis.

# QuICR Door-to-Needle Initiative

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## QuICR DTN Evaluation Meeting Agenda

**Date: December 15 2016**

**Room: G636**

**Health Sciences Building**

University of Calgary, Foothills Campus

3330 Hospital Drive NW

Calgary, AB

Invitees: *Noreen Kamal, Thomas Jeerakathil, Michael Hill, Eric Smith, Kelly Mrklas, Magali Benard, Elaine Shand, Jennifer Bestard, Kevin Martin, Corinna Harley, Jessalyn Holodinsky, Stephen van Gaal, Marco Bijvank, Brent Snider, Bijoy Menon, Lexi Wilson, Jo Louise Huq, Chloe Burnett*

Time	Topic	Presenter
<b>10:00am – 10:20am</b>	Introductions	All
<b>10:20am – 10:50am</b>	Door-to-Needle Initiative: Overview	Noreen Kamal
<b>10:50am – 12:00pm</b>	Types of Evaluations: Discussion	All (Noreen to lead)
<b>12:00pm – 1:00pm</b>	<i>Lunch</i>	
<b>1:00pm – 1:45pm</b>	Quantitative Analysis <i>Outcome: Layout all quantitative publications and define key timelines and team for each publication</i>	All
<b>1:45pm – 2:30pm</b>	Qualitative Analysis <i>Outcome: Layout all the qualitative publications and define key timelines and team for each publication</i>	All
<b>2:30pm – 3:00pm</b>	Summation and Closing	All