

The Official PART Newsletter

Donate your smartphones!

Please consider donating your old smartphones (iPhone, iPodTouch, Android) to the PART. Instead of sitting in your cupboards at home collecting dust, we can use these devices for our research projects. Donation receipts available.

December 2012

Happy Holidays

Merry Christmas & Joyeux Noel from the PART! We wish you all a safe and happy holiday season. Thank you for your support of our research efforts throughout the year, and we look forward to renewed and future collaborations. All the best in the upcoming year!



Happy holidays from the PART!

Grand Challenges Canada Meeting

Mark Ansermino and Peter von Dadelszen (UBC Dept of Obstetrics and Gynaecology) travelled to Ottawa for the annual Grand Challenges Canada meeting. This international meeting brings together grantees to meet, discuss, brainstorm and network. Mark and Peter returned refreshed and recharged to continue with the next developments of the PIERS on the Move study. The team plans to submit an application for scale-up funding in 2013.

Global Studies Update

Studies in South Africa, India, Bangladesh and Uganda are busily collecting data. Mark, Guy and Dustin travelled to Dhaka, Bangladesh for a visit; where they were grateful to work with a fantastic research team.

iControl RP

Early in 2013, the PART/ECEM will be launching the first clinical trials of our latest computer controlled anesthesia system; "iControl RP" (aka Jon 3.0 ☺). We will be conducting clinical trials with our collaborators at Royal Columbian Hospital in New Westminster.

November 2012

More funding from Gates Foundation

Our combined efforts with Peter von Dadelszen for helping women with pre-eclampsia are awarded an additional \$17 million from the Bill & Melinda Gates Foundation. The project has expanded to conduct large clinical trials in four countries (Nigeria, Mozambique, Pakistan, India), and our team will be involved in the development of the mobile device technology. Congratulations everyone!

October 2012

Highschool Student Volunteers

The PART welcomes high school volunteers from Earl Marriott Secondary School. These grade 11 students come for their work experience program and have been very helpful to us with various projects and activities. We hope that they have gained experience and knowledge that will assist in their future education and career choices. October – Jena. December – Kiana.

American Society of Anesthesiologists (ASA)

Team members (Mark Ansermino, Guy Dumont, Matthias Gorges, Klaske van Heusden) travelled to Washington, DC, USA to attend the ASA annual meeting. As the largest annual gathering of anesthesiologists (~15,000 attendees), it's a busy few days presenting, networking and listening, but worth the effort to attend such an event.

PIERS on the Move Clinical Study

After many rounds of usability testing, we have created a version of PIERS on the Move for our collaborator research midwife, Erika van Papendorp, to use in the

first clinical studies. The first 35 cases have been collected, with a goal of ~300.



PIERS on the Move mobile app training at Tygerberg Hospital, Cape Town, South Africa

Feature Study

Dexmedetomidien (DEX)

Carolyne Montgomery, along with co-investigators Mark Ansermino, Natasha Broemling, Joy Sanders, and Dot Myers, are recruiting patients into the dose-finding DEX study. This study is using an up-and-down methodology to find the dose of DEX that can be given as a single rapid bolus (over 5 seconds) following induction of anesthesia without causing significant hemodynamic compromise in healthy children, aged between 5 and 10 years. Contact Dot Myers (dmyers2@cw.bc.ca) for more information.

Meet a Team Member

Leah Harrison (Knowledge Broker)

Leah joined PART in October 2012 as the new Knowledge Broker. She is coordinating the KidsCan/MobileKids project (engaging youth in research), and working with collaborators JP Chanoine and Anne Junker. Leah's background in marketing and business has been a great asset to the team.



Leah Harrison – Knowledge Broker

Current Studies

Actively recruiting clinical studies

Please check out our website www.part.cfri.ca for an updated list of our current clinical and biomedical engineering studies.

Websites of Interest

Phone Oximeter

<http://phoneoximeter.org> for information on the Phone Oximeter project.

Electrical and Computer Engineering in Medicine

<http://ecem.ece.ubc.ca> for information on our engineering projects.

LionsGate Technologies

<http://lgtmedical.com> for information on our spin-off company.

Upcoming @ PART

What's happening January – March 2013?

Society for Technology in Anesthesia (STA) annual meeting in Phoenix, Arizona on January 9 - 12, 2013.

Research Meetings

First and third Tuesday of every month at 11:30am in the CSB room V3-302 (Note: new time and location!)

January 8, February 5 & 19, March 5 & 19

7am Research Rounds

None in January or February. March 27, 2013

Upcoming Deadlines

- UBC C&W Research Ethics Board (REB) for Full Board review submission deadlines are January 9, February 13, and March 13. There are no deadlines for Minimal Risk studies.
- IEEE Engineering in Medicine and Biology Society (EMBS) annual conference – Paper submission deadline is January 18, 2013
- Canadian Anesthesiologists' Society (CAS) annual conference – Abstract submission deadline is January 21, 2013



Pediatric Anesthesia Research Team

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