

Research & Performance Support News

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Research & Performance Support

2180 23rd Avenue
Regina SK S4S 0A5

Phone: 306-766-5451
Fax: 306-766-5530

Email:
research&performance@rqhealth.ca

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Check-out the RPS Website!

Find all of the latest news on research, grants, knowledge exchange, and Research Ethics Board guidelines and policies on the RPS website!

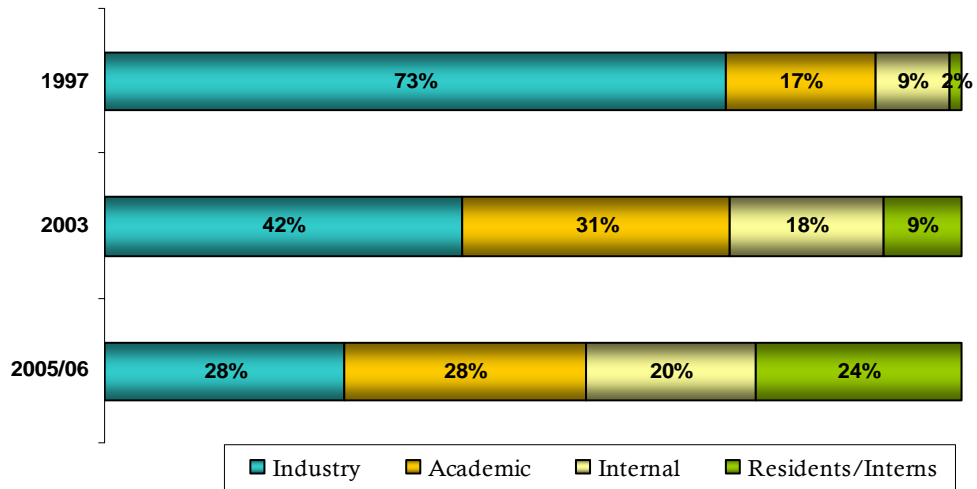
<http://www.medi-fax.com/rhd/crdp/>

What's New in Research?

The Changing Face of Research

The face of research in the RQHR has changed dramatically over the last ten years. In 1977, most research conducted within the RQHR was industry-sponsored clinical drug trials (73%), with only one-quarter (27%) of research being lead by a researcher from an academic institution (e.g., University, SIAST), or an internal RQHR staff member, resident, or intern.

Since then, however, research in the Region has been grown and includes a balance of industry, academic, internal and resident/intern research endeavours. While these changes result in additional challenges for the RQHR, they provide many new and exciting opportunities.



RPS to Host RQHR Research Conference



RESEARCH SHOWCASE 2007

Putting RQHR Research on the Map

Research and Performance Support (RPS) is hosting the first annual *Research Showcase* on June 15, 2007. The goal of this one-day conference is to increase awareness and recognition of research occurring within the Regina Qu'Appelle Health Region and to facilitate the sharing of knowledge obtained through local research

activities. The conference will feature a poster session, podium presentations from local initiatives, a key note speaker, and wine & cheese reception.

All staff, residents, and interns who have been involved in any type of research activities within the past 18 months are urged to participate in this special event. Eligible projects include not only conventional research studies, but all types of program evaluations, demonstration projects, and quality assurance or quality improvement initiatives. Visit the RPS website for the official *Call for Abstracts* and the guide "*How-To Prepare an Abstract*" for interested applicants.

MARK JUNE 15 IN YOUR CALENDAR FOR RESEARCH SHOWCASE 2007!

We're on the Web!
www.medi-fax.com/rhd/crdp

“85% of Canadians told us that one cent or more of each health dollar should be spent on health and medical research.”

~ Canada Speaks 2006!
Research Canada's First
Public Opinion Survey on
Health Research in Canada.
November 2006



Research Spotlight

Promoting Physical Activity in Children with Developmental Coordination Disorder: A Core Stability and Gross Motor Skills Program

Kyra Kane (BSc. PT) a physical therapist at the Wascana Rehabilitation Centre Children's Program initiated a pilot project in the fall of 2005 to promote physical activity participation in children with Developmental Coordination Disorder (DCD). DCD is a motor coordination problem affecting 5-6% of children, that interferes with daily activities, making it difficult to learn new motor skills, and ultimately affecting participation in physical activities. This project was developed in response to a perceived need for enhanced programming that would encourage children with these difficulties to participate more fully in activities that are important to them, and that are beneficial to their future health and well-being.

The pilot project, which innovatively incorporated aspects of core stability training into a program of adapted physical activity, was completed in September 2006, with support from fellow staff at the Children's Program and the help of Dr. Petryk, a Developmental



Kyra Kane and Ali Bell (respectively)

Pediatrician at Child & Youth Services. Research and Performance Support (Ali Bell) partnered on this project at several stages including study design, analysis and report preparation/ dissemination.

Initial findings suggest positive changes in general motor skills as a result of this twelve-week adapted physical activity program. Plans for a follow-up study are under way. Full results of the pilot project may be obtained by contacting Kyra Kane at 766-5932.

Research in the Region

A summary of RQHR research projects approved by the Research Ethics Board between October 1, 2006 and January 15, 2007.

Improving the effectiveness of front line leadership. *Investigator:* Ms. J. Tannahill (Education and Learning).

A phase 3, randomized, double-blind study of ceftobiprole medocaril versus linezolid plus ceftazidime in the treatment of nosocomial pneumonia—CHOPIN-1. *Investigator:* Dr. D. Jones (RGH Specialty Care).

Retinal nerve fiber layer changes in highly myopic eyes by optical coherence tomography. *Investigator:* Dr. R. Garcia (Ophthalmology).

A randomized, double-blind, placebo-controlled, parallel group study to assess the effect of the endothelin receptor antagonist avosentan on time to doubling of serum creatinine, end stage renal disease, or death in patients with type 2 diabetes mellitus and diabetic neuropathy. *Investigator:* Dr. S. Karunakaran (Nephrology).

Management of chronic pain in the Family Medicine Unit (Regina) adheres to the WHO guidelines. *Investigators:* Dr. E. Dyachuk, Dr. P. Thamilvaanan (FMU).

C8000 specific proteins vs Dade BN II. *Investigator:* Dr. B. Mali (RGH Laboratory).

An exploration into the significance of pupillary size at time of death. *Investigators:* Dr. L. Clein (Palliative Care), Dr. T. Zdravkovic, Dr. R. Kamrul (FMU).

Interdisciplinary cooperation in health care—Registered Nurses and Licensed Practical Nurses in the Emergency Department setting. *Investigator:* Mr. C. Hartness (Emergency Dept., RGH).

Global Registry of Acute Coronary Events expanded enrollment program. *Investigator:* Dr. R. Zimmermann (Cardiosciences).

Optimizing the warfarin discharge process to assist with transition to a community program. *Investigators:* Ms. A. Simmons, Ms. L. Sulz, Ms. A. Marcil, Dr. W. Semchuk (Pharmacy Services).

Reality in the practice of Family Medicine: Watchful waiting vs antibiotics in the treatment of acute otitis media. *Investigator:* Dr. M. Ebtia (FMU).

How closely does treatment of Ventilator Associated Pneumonia (VAP) follow the recently published VAP algorithm. *Investigators:* Ms. N. McGill, Dr. W. Semchuk, Ms. L. Sulz, Ms. A. Simmons (Pharmacy Services).