



Network News

Web-based MDS

The Minimum Data Set (MDS) has been upgraded to a web-based interface data entry and reporting application effective February 1, 2009. The web application enables users to enter their ICU admission data using any PC with internet access, accessible to multiple users of sites at a time and has enhanced data entry audit with password protected user's account. Users can also execute and view their predefined as well as custom reports using real time data. If users would like to extract their own data for different purposes, the new application is very handy and efficient. Online live training on how to use the web interface application has been provided to users.

Data Analysis Service

CCRNET offers data analysis service to help members understand and present their data in a meaningful and scientific format, improve the care they provide, and boost efficiency. The CCRNET's team of health researchers combines many years of data analysis and publication experience can work with you to craft effective data analysis and presentation that would be useful in managerial decision making processes. For Ontario sites, we have been exploring how to incorporate our own CCIS data into our data management stream and would be happy to discuss that with you.

Training/presentation

CCRNNet Webinar Training

CCRN-Net provided the first complimentary training/presentation online on **ICU Scorecard indicators' using control charts** on September 18 2008. The invitation was sent to all the network members and more than 16 people participated in the presentation. The second webinar training will be scheduled sometime in spring 2009. More detail will be distributed prior to the training. Members are most welcome to suggest training/ discussion topics and share their ideas.

Projects

KIDMI (Knowledge Innovation and Dissemination in Myocardial Infarction)

We have submitted the first paper from KIDMI (Knowledge innovation and diffusion in myocardial infarction) for a journal publication. We are planning two other submissions. We will be inviting the eight sites that participated in this study to come to London to discuss the findings as well as discuss what steps they would like to take in terms of future research within the CCRNeT sites. We have received a grant from CIHR for planning and dissemination purpose (see detail under funding received section)

Critical Care Vital Signs Monitor

This demonstration project was funded by the Canadian Patient Safety Institute. The initial phase has been completed with creation of a list of indicators covering various domains. Each indicator has a clearly specified operational definition. Participating sites submit data via a website either monthly or quarterly, depending on the indicator. Since data is aggregated there are no patient identifiers, and hospitals are anonymously identified within several broad categories. You can view the definitions and reports at:

<http://htmldb.oracle.com/pls/otn/f?p=33705:1:3708484409490442>. We are currently developing a proposal for further development and evaluation but please contact us if you would be interested in more information or participation.

Knowledge Translation Lab

The I-THink research lab (Innovative Translation of Health INformatics Knowledge Research) which developed the CCRNeT web interface is fully operational and able to provide services to the CCRNeT members. To find out more about the services and collaborations please visit www.ithinkresearch.com

Funding received

Canadian Institutes of Health Research (CIHR) – Meetings, Planning & Dissemination Grants. Submitted *KIDMI Dissemination Meeting*. Principal Investigator: **F. Gwadry-Sridhar**. Total budget requested: \$21,492

Recent publication and presentations

Martin CM, Priestap F, Fisher H, Fowler RA, Heyland DK, Keenan SP, Longo CJ, **Morrison T, Bentley D**, Antman N for the STAR Registry Investigators. A prospective, observational registry of patients with severe sepsis: The Canadian Sepsis Treatment and Response Registry. *Crit Care Med* 2009;37:81-89 .

Martin CM, Priestap F, Heyland DK, Longo CJ, Fowler RA, Keenan SP, Fisher H. TREATMENT AND MORTALITY OF SEVERE SEPSIS: RESULTS OF A CANADIAN MULTICENTRE PROSPECTIVE OBSERVATIONAL STUDY. *Int Care Med* 2008, 34 (supp 1):92.

Gwadry-Sridhar F, Guyatt G, O'Brien B, Arnold JM, Walter S, Vingilis E, MacKeigan L. TEACH: Trial of education and compliance in heart dysfunction, chronic disease and heart failure (HF) as an increasing problem. *Contemp Clin Trials* 2008; 29(6):905-18

Gwadry-Sridhar F, Lewden B, **Mequanint S**, Bauer M. Comparison of analytic approaches for determining variables: A case study in predicting the likelihood of sepsis. *HEALTHINF 2009 Proceedings* (Porto, Portugal January 14-17, 2009) INSTICC Portugal. ISBN: 978-989-8111-63-0. 2009: 90-96.

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Links: Critical Care Research Network
<http://www.criticalcareresearch.net/>

Ontario Critical Care Strategy
http://www.health.gov.on.ca/english/providers/program/critical_care/critical_care_mn.html

CCRNNetGoogle Group
<http://groups.google.com/group/ccr-net>