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NETWORK NEWS

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Creating a Sustainable Change in Hand Hygiene Practices in Acute Care Settings

Recognizing that hand hygiene is the single most important procedure for preventing infections, the Ministry of Health and Long-Term Care is launching a multi-year hand hygiene project. A Steering Committee comprised of provincial, national and international experts from a variety of backgrounds will be established to guide the project. Focus groups of patients, healthcare workers and experts in social marketing, human factors, change management, infection prevention & control, organizational behaviour, adult education and risk management will be conducted over the course of the project.

This initiative will complement, support and align with the Infection Prevention & Control Core Competency Initiative and will utilize Regional Infection Control Networks as one conduit for implementation. The Infection Prevention & Control Subcommittee of PIDAC will provide scientific and technical advice to the project and will develop a best practices document.

This project is being co-led by Clare Barry and Liz McCreight from MOHLTC, Public Health Division, Strategic Planning and Implementation Branch.

Hand Hygiene Consensus Building Workshop

As a first step in this project, a Workshop hosted by the Public Health Agency of Canada and the Ministry of Health and Long Term Care of Ontario was held in Toronto on March 1 & 2, 2006 to explore strategies for creating a sustainable change in hand hygiene practices.

The workshop goals were as follows:

1. To review evidence related to the impact of effective hand hygiene practices on the health care system and patient outcomes.
2. To share lessons learned and explore successful hand hygiene models which have resulted in sustainable cultural and behavioural change at local and national levels.
3. To begin to develop a network of key stakeholders (practitioners, government, academics, others) at the provincial level and potentially at the national level to access, share and disseminate the most current knowledge available on hand hygiene.

The planned outcomes of the workshop included:

1. List of enablers and barriers to successful change
2. Key components for models that will result in sustainable behaviour change
3. Identification and prioritization of potential interventions

The invited participants included regional representation and those identified by peers as potential champions or leaders to influence change in practice. Not all were experts in infection prevention and control. They included experts in fields such as human factors; social marketing, health promotion, communication, education, management and administration. There were also representatives from accreditation, patient safety initiatives, occupational health & safety and professional associations.

Speakers included representatives from World Health Organization (WHO), United Kingdom (UK), Switzerland, United States and Canada. International speakers included: Dr. Elaine Larsen (one of the world's foremost experts in hand hygiene research), Dr. Carla Alvarado (human factors expertise), Dr. Hugo Sax (lead of Switzerland hand hygiene campaign), Julie Storr (WHO and Joint Director of UK hand hygiene project), and Gabrielle Teague (Joint Director of UK hand hygiene project).

To learn more about factors that impact the effectiveness of hand hygiene campaigns please see the pre-reading list provided to participants.

Larson E, Early E, Clooman P, Sugrue S, Parides. M. An organizational climate intervention associated with increased handwashing and decreased nosocomial infections. *Behav Med* 2000;26(1):14-22. Available from: http://www.findarticles.com/p/articles/mi_m0GDQ/is_1_26/ai_65277654

Accessed on Jan. 18, 2006 (strongly recommended)

World Alliance for Patient Safety. Global patient safety challenge: clean care is safer care. Geneva: World Health Organization; 2005. Available from: http://www.who.int/patientsafety/events/05/GPSC_Launch_ENGLISH_FINAL.pdf

Accessed on Jan. 18, 2006.(strongly recommended)

World Alliance for Patient Safety. WHO guidelines on hand hygiene in health care (advanced draft). Geneva: World Health Organization; 2005.

Accessed on Feb. 20, 2006 (recommendations only)

The summary, which includes the recommendations, is available in PDF format at the following URL: www.who.int/patientsafety/events/05/HH_en.pdf

National Patient Safety Agency, Achieving Our Aims – cleanyourhands campaign, http://www.npsa.nhs.uk/site/media/documents/692_final_evaluation.pdf (strongly recommended)

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National Patient Safety Agency, The Economic Case – NPSA hand hygiene project-economic evaluation http://www.npsa.nhs.uk/site/media/documents/674_full_economic_case.pdf

National Patient Safety Agency. Ready, steady, go! The full guide to implementing the cleanyourhands campaign in your trust. London: National Patient Safety Agency; 2004. Available from:

http://www.npsa.nhs.uk/site/media/documents/985_ready_steady_web.pdf Accessed on Jan. 18, 2006

Social Marketing National Excellence Collaborative. The basics of social marketing: how to use marketing to change behavior. Seattle: Turning Point, 2005. Available from: http://www.turningpointprogram.org/Pages/pdfs/social_marketing_basics.pdf Accessed on Feb. 17, 2006

YOUR CIGN STEERING COMMITTEE:



Medical Leads: Dr. Virginia Roth, FRCPC and Dr. Gary Garber, FRCPC

Dr. Virginia Roth is Assistant Professor of Medicine at the University of Ottawa, and Director of the Infection Prevention and Control Program at the Ottawa Hospital, University of Ottawa Heart Institute and Ottawa Regional Cancer Center. Dr. Roth currently plays key roles in pandemic preparedness planning at the local, regional and provincial levels. Following her clinical training in Infectious Diseases at the University of Ottawa, Dr. Roth joined the U.S. Centers for Disease Control and Prevention (CDC) as an Epidemic Intelligence Service Officer. Her major academic contributions are: (1) Combating Emerging Pathogens (including antimicrobial resistant organisms) and Pandemic Preparedness (2) Protecting Patients and Healthcare Workers from Hospital-Acquired Infections; and (3) Coordinating Regional Infection Control Efforts. Dr. Roth has published over 20 peer-reviewed articles addressing these areas.

Dr. Gary E. Garber is head of the Division of Infectious Diseases in the Department of Medicine at the University of Ottawa and Ottawa Hospital and professor of Medicine and of Biochemistry Microbiology and Immunology at the University of Ottawa. Dr. Garber is vice-chairman (Finance) of the Department of Medicine and Chairman of the Ottawa Hospital Corporate Infection Control Committee. Dr. Garber received his M.D. from the University of Calgary and did his internal medicine training at the University of Toronto and infectious disease training and MRC fellowship at the University of British Columbia. He is a fellow of the Royal College of Physicians and Surgeons of Canada, the American College of Physicians and the Infectious Disease Society of America. Dr. Garber is a previous president of the Canadian Infectious Disease Society, a founder of the Canadian Association for HIV Research, was a founding director of the Ontario HIV Treatment Network and a member of the American Society for Microbiology. He is currently a member of the Ontario Provincial Infectious Disease Advisory Committee (PIDAC) and is a leader in establishing a regional Infection Control Program for the Champlain Region of Eastern Ontario. He is also on the City of Ottawa Steering Committee for Pandemic Influenza Planning.

EDUCATIONAL EVENTS

APIC Conference:

The Association for Professionals in Infection Control are hosting their 33rd annual education conference in Tampa, Florida from June 11-15. Further information can be found at <http://www.apic.org>

OHA: Pandemic Planning: Are You Ready?

May 4, 2006, Toronto. For more information, go to the OHA website at:

http://www.oha.com/client/oha/oha_lp4w_lnd_webstation.nsf/24a7c2fe905b1e0285256f1e001d52d0/ccd0b4ef35ad1976852571030054c5ea!OpenDocument

Managing Inside the Storm... Emergency Preparedness workshops

Belleville May 17 0800-1600; Kingston May 24 0800-1600; Brockville May 31 0800-1600
Cost \$60
Contact Marianne Walker at 613-544-8200 ext 226

Disinfection/Sterilization Half Day education:

Another education videoconference is being sponsored by the OHA. Information can be found at:

http://www.oha.com/client/oha/oha_lp4w_lnd_webstation.nsf/24a7c2fe905b1e0285256f1e001d52d0/e9e619cccd436d94852571470060fc97!OpenDocument

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