

A Partnership in Educational Interventions in the Community

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Goals of the Education Program

- To increase awareness about CA-MRSA and it's prevention in 6 target communities
- To partner with local, regional, provincial and federal groups and individuals to plan and carry-out the program
- To educate about hand hygiene, cough etiquette, the difference between bacteria and viruses and proper antibiotic use

Target Groups...

- 1) Health Care Workers
- 2) Community Members
- 3) Preschool and school aged students
(currently preschool to grade 3)

In 6 chosen communities in Northern
Saskatchewan

Key Messages...

- Proper and frequent hand washing and cough etiquette prevent the spread of germs
- Bacteria and viruses are different
- Antibiotics do NOT kill viruses
- Use antibiotics wisely



Health Care Worker Strategies

- Active surveillance feed-back for Antimicrobial prescribing
 - Sensitivity patterns for common infections
- Guidelines for CA-MRSA management
- Patient information for CA-MRSA
- Education on non-AB tx of RTI and symptoms
- Training on the 'Do Bugs Need Drugs' program
- Infection Control



Community Member Strategies



- Radio spots
(in Cree, Dene and English)
- Radio interviews
- Newsletter submissions
- Pamphlets
- Posters
- a power point presentation on CA-MRSA and tx of RTI symptoms was distributed

Student Strategies



The 'Do Bugs Need Drugs' program (Alberta Health):

- One curriculum for ages 2-6 and one for grade 2 & 3
- Includes hands-on activities that teach about germs, hygiene, bacteria vs viruses and antibiotic use
- Teaching of cough etiquette
- www.dobugsneeddrugs.org

Evaluation of the Education Program

Community & HCW:

- Survey given to individuals 16 years of age+ to complete (over 200 surveys returned)
- Survey includes info on prescribing, choice of antibiotics, actions regarding ‘doctor shopping’ and recognition of NARP

Some Questions include...

Answer yes or no

- When I see the doctor or clinic nurse for a sore throat or cough, I usually want/expect an antibiotic
- If I took a child to a doctor or nurse for an infection and they did not prescribe an antibiotic, I would ask for one
- If you have the flu, an antibiotic prescribed by the doctor or nurse, will help you get better
- Have you seen information about the Northern Antibiotic Resistance Partnership in the health centre or clinic?

Evaluation of the education program for children

- Due to language, age and literacy rates a pocket tool was created for evaluation purposes
- Students are given buttons & put the button in the pocket they feel has the correct illustrated answer for that question
- The number of buttons in each pocket are then counted and recorded



Simpson-Hébert, Sawyer & Clarke (1996)
WHO and the UNDP/World Bank Water and
Sanitation Program

New projects being worked on

- Series of new radio spots
- Illustrations to use with educational materials
- Hand washing posters for distribution
- The NARP website: www.NARP.ca
- A bookmark and fridge magnet
- A grade 5 & 6 curriculum (educational games)



* Partnerships *

- A weekly teleconference with the education group
- Newsletters to NARP partners
- E-mails for updates or feedback on new ideas
- An annual meeting with all NARP members from each prong

Our NARP members are...

- Ms Ruth Bear (Shoal Lake First Nation)
- Ms Brenda Beckman (Mamawetan Churchill River Regional Health Authority)
- Ms Barb Brooke (Red Earth First Nation)
- Dr Brenda Cholin (Prairie North Health Authority)
- Dr. John Embil (University of Manitoba)
- Dr. Gregory Horsman (Saskatchewan Provincial Public Health Laboratory)
- Dr. James Irvine (Northern Medical Services)
- Dr. Mohammad Khan (Kelsey Trail Health Region)
- Ms Pat Malmgren (Keewatin Yatthe Regional Health Authority)
- Ms Mathilda McKay (Red Earth First Nation)
- Brian Szklarczuk (National Microbiology Laboratory, Public Health Agency of Canada)
- Dr. Mandiangu Nsungu (Northern Inter-Tribal Health Authority)
- Ms. Shirley Paton (Public Health Agency of Canada)
- Ms Georgina Quinney (Shoal Lake First Nation)
- Ms. Donna Stockdale (Population Health Unit)
- Mr. Zachary Whitecap (Red Earth First Nation)
- Ms. Shirley Woods (Northern Inter-Tribal Health Authority)
- Dr. Michael Mulvey (Chief, Antimicrobial Resistance & Nosocomial Infections, National Microbiology Laboratory, Public Health Agency of Canada)
- Mr. Ryan McDonald (Molecular Diagnostics Saskatchewan Disease Control Laboratory)