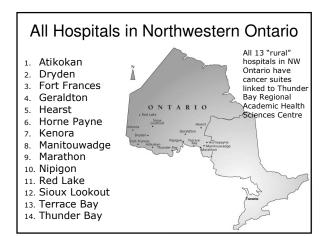




Scott M. Sellick, PhD Thunder Bay Regional Academic Health Sciences Centre



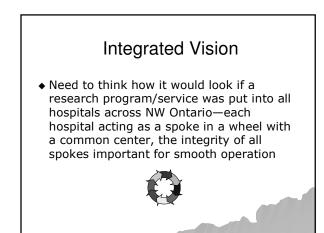
Regional Health rence 2007 Northern N



Lay of the Land

- High prevalence of all lifestyle risk factors
- High prevalence of chronic diseases
- ♦ Rural, remote, northern, Aboriginal, Francophone
- Recruitment & retention of healthcare providers
- Limited providers & services
- 13 hospitals with cancer suites linked to Thunder Bay Regional Hospital
- ~25,000 annual admissions all 14 hospitals combined





Parameters

- Chronic disease prevention & management
- Population too small for RCTs
- ♦ Region "too small" for RCTs
- Hospitals too small to hire full-time RAs
- Communities too small to find part-time RAs
- Programs & service delivery required
- Professional development needs
- New medical school
- New technological infrastructure in the north
- Ripe for "bench to bedside", "translational", "effectiveness", "applied" research

Applied Research: Bridge to Mass Delivery of Chronic Disease Prevention/Mgt

 Development of rigorous systems through research to create capacity for mass delivery

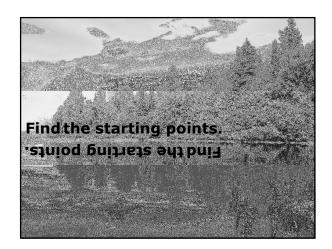
- Research rigor to ensure:
 - 1. fidelity of mass adoption & implementation
 - 2. fidelity of recruitment, delivery, evaluation
- 3. program sustainability
- 4. consistent success across hospitals
- 5. ability to meet clinical guidelines
- 6. ability to meet accreditation needs

Building a Service that Works Even After We Pack Up the Research Bags and Go Home

- Mass delivery is founded on a broader perspective than an individual program or research trial
- It requires building a service in which:
 - multiple start-ups are efficient
 - opportunity costs low
 - focus is on seamless integration of the parts that create the whole
 - it is a predictable success not because of us
 - but without us

Rare Opportunity

- None of the hospitals had been directly involved in behavioural research
- Shape, design, collaborate, and contribute something that had never existed before
- Construct a solution to the frustrations that have plagued the implementation, buy-in, and sustainability of chronic disease prevention and management delivery



Starting Points

- Start with what you know
 tobacco use/cessation
 - existing relationships
- Epidemiological "diagnosis"
- Stakeholders—hospital, community
- Credibility of researchers
- Acceptability of proposed research

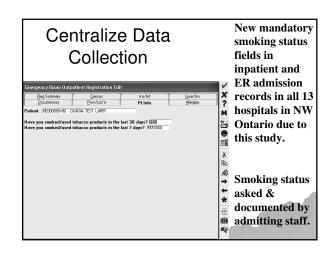
 clinical practice guidelines
- ♦ WIIFT
- WIIFUS (WIIFM)
- Funding possibilities and alignment
- Systems-related theory
- Phone calls
- Site visits

Site Visits: Buy In Meaningfulness and Mindfulness

- Priorities of stakeholders
- Relationships
- Bring something to the table
- ◆ Ask for willingness to begin
- Align research with delivery and accreditation
- Identify rewards of research for participating hospitals

Begin

- Identify existing systems and providers
- Identify champions
- Identify possibilities for centralizing and streamlining
- Make it easy for participating hospitals
- Keep in contact
- Visit often





Build your castles in the sky...but be prepared for flying dragons

- ♦ Ethics
- ♦ Gatekeepers
- ♦ Turf
- Duplication of efforts & resources
- Creating/maintaining linkages between hospital programs & community-based services
- Travel & scheduling
- Data collection from a distance



Good People, Exquisite Results Develop prototypes to provide a uniformly predictable service to hospitals & patients. Prototypes provide the means to: monitor research across hospitals identify implementation, inhibiting, & facilitating factors collect data, track success, report to administration compare across hospitals and region quality assurance checks

