

# **Building a world-class health institution**

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# Goals

- Discuss the Quebec Healthcare milieu



# A health care system in transition

- CSSS
- RUIS
- The Academic CHU model
- Private vs Public health care
- Manpower planning



# Quebec: health care system in transition

## ➤ Creation of local Health and Social Services Centres

- Responsibility over health of their population
- Responsibility for primary and secondary care
- Responsibility for long-term care and rehab



# Quebec: health care system in transition

## ➤ RUIS network

- 4 RUIS associated with province's faculties of medicine
- McGill RUIS has responsibility for tertiary and quaternary care
- 1.7 million people from Ontario border to Nunavik
- 63 % of Quebec territory
- Institutions still receive individual budgets, but for how long?



# Quebec: health care system in transition

## ➤ PREM PEM

- managing recruitment?



# Quebec response to Chaoulli judgment

- Public system protected
- Patient centered
- Guaranteed access within medically-recommended delay
- Public institutions can use the private sector



# Quebec response to Chaoulli judgment

- Right to obtain private insurance for hip, knee and cataract surgery
- Government can add services to this list
- Physicians must choose between public and private insurance
- Government can determine maximum number of physicians excluded from public insurance



# McGill University Health Centre Redevelopment Project

- Government approval in June 2004
- 2 world-class teaching hospitals
- It's not just the 'Bricks and Mortar'



# MUHC Redevelopment Project

➤ We must rethink:

- Clinical Practice
- Teaching
- Business Practice
- Research



# MUHC Redevelopment Project

- McGill University Hospital Network
  - Programs appropriately located
  - Cost effective
  - Community centric
  - MUHC physicians network



# The R.I.I.T Approach

- Research
- Informatics
- International
- Technopole



# The R.I.I.T Approach

## ➤ RESEARCH

- The MUHC Research Institute
- 500 researchers
- 1,000 students
- 300 laboratories
- \$100M in public and private support
- 1,200 peer reviewed papers



# The R.I.I.T Approach

*Research is the OXYGEN of an evidenced based healthcare system*

- Improvement of the individual and the collective healthcare status of Canadians
- Impacts on the architecture of the healthcare system
- Opportunity for the production of world-class leading-edge discoveries
- Potential for leveraging major economic benefits



# The R.I.I.T Approach

## ➤ RESEARCH

- A converging set of opportunities
  - New Science
  - Nanotech
  - Biotech
  - InfoTech



# The R.I.I.T Approach

## ➤ RESEARCH

The Vision:

- The introduction of a new philosophy that fosters the:
- Translation from basic science to human studies
- Translation of new knowledge into action in clinical practice and healthcare policy



# The R.I.I.T Approach

## ➤ **INFORMATICS**

- Patient Centred
- People Driven
- Process Oriented



# The R.I.I.T Approach

## ➤ **INTERNATIONAL**

- Joint relationship between McGill/MUHC
- Educational/Academic
- Economic to Product Based



# The R.I.I.T Approach

- Opportunities for **MUHC International** and the Government of Canada
- Market MUHC expertise in clinical care, research and technology transfer, education, facility construction and management, and public health and governance.
- Partner in lesser-developed nations to apply science, technology and innovation to reinvent global health.
- Develop new knowledge and innovative policy models on issues of health care trade regulation and management to both protect Canadian health interests and promote Canadian values in health care and fair trade on the international stage.



# The R.I.I.T Approach

## ➤ **Technopole**

- Scripps Clinic (San Diego) concept
- Clinical Trials Unit
- Bench to Bedside to Business



# The R.I.I.T Approach

## ➤ **Technopole**

Life Sciences Clustering:

- Science
- Talent
- Money
- Infrastructure



# The R.I.I.T Approach

## ➤ **Technopole**

The 10-point plan

- Management Structure
- Effective Commercialization process
- Incubator complex
- Innovative financing strategies
- Convergence Centre



# The R.I.I.T Approach

## ➤ **Technopole**

The 10-point plan

6. Spin off Centre
7. Technology Showcase
8. Proof of Concept Fund
9. New Business Development Office
10. Real Estate Partnership









