



A Newfoundland and Labrador Approach to an Integrated Stroke Strategy Through Telestroke

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Outline

- ◆ Telehealth in Newfoundland and Labrador
- ◆ Continuum of Stroke Care
- ◆ NL Stroke Strategy
- ◆ Telestroke Project
- ◆ Gaps and Barriers
- ◆ Project Evaluations
- ◆ Growth Opportunities

Telehealth in Newfoundland and Labrador

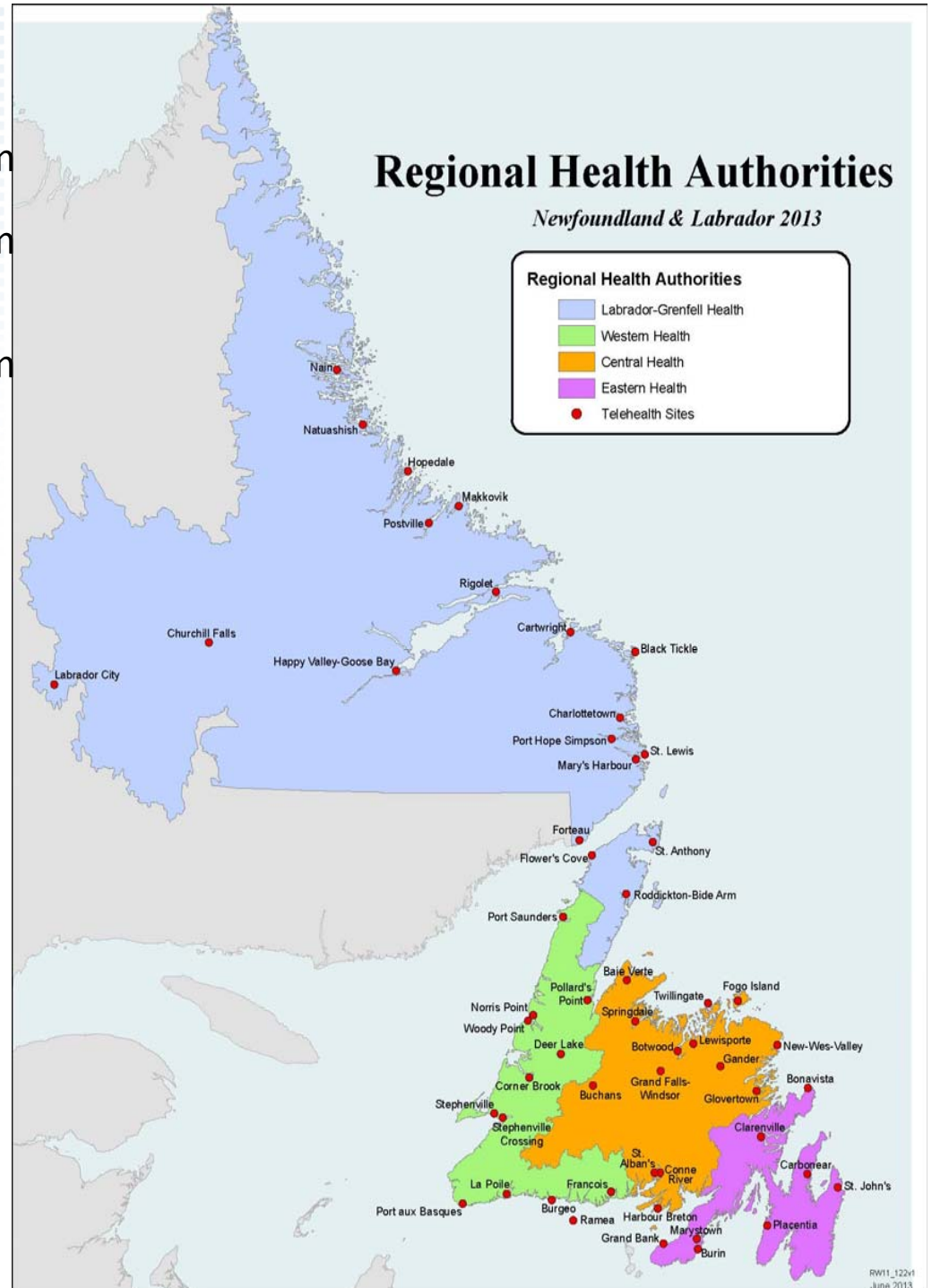
- ◆ Telehealth has been in the province for over 30 years.
- ◆ Total of 77 sites across four health authorities.

77 Certified Telehealth Sites

Total land area	405,720 sq km
Newfoundland (Pop 486,039)	111,390 sq km
Labrador (Pop 26,620)	294,330 sq km
2012 Population (Stats Canada 2012)	512,659
Urban Pop	59%
Rural Pop	41%
% Seniors (65+ yrs) by 2031	32.6%
Dependency Ratio (aged 65+) by 2031	58.3%
Number physicians/100,000	231
Number of hospitals/ healthcare centres	37



*NL spans two time zones







Continuum of Stroke Care

- ◆ Primary Prevention
- ◆ Secondary Prevention
- ◆ Hyper Acute Management
- ◆ Acute Stroke Management
- ◆ Rehabilitation
- ◆ Community Reintegration

NL Stroke Strategy

- ◆ Acute Stroke Centres
- ◆ Adult Acute Stroke Units
- ◆ Stroke Secondary Prevention Clinics
- ◆ Professional Development



Telestroke Project

'Time is Brian'

- ◆ 1yr pilot between Division of Neurology and Emergency & Medical Services, Carbonear General Hospital.
- ◆ In 2014 it was expanded to 3 Health Authorities, 4 Sites and 24/7 Service.



Telestroke Project

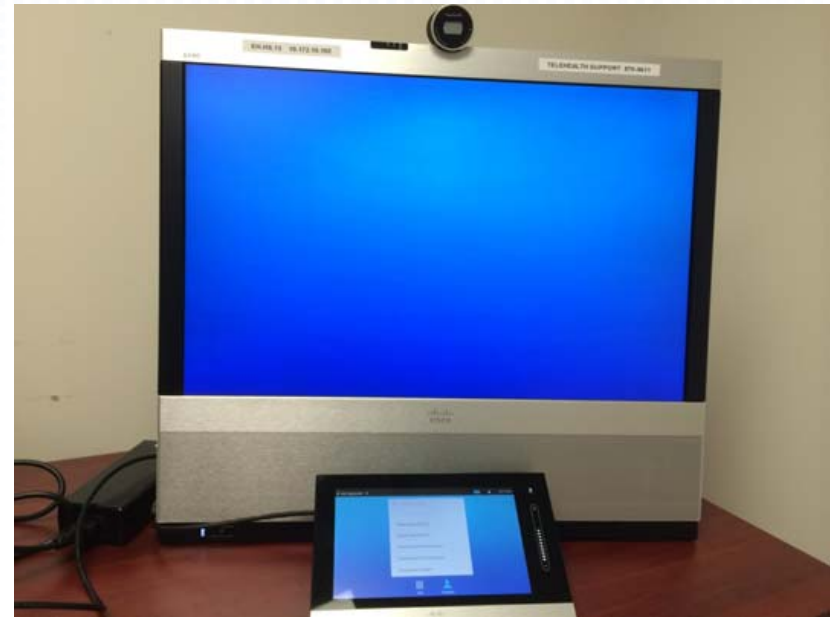
'Time is Brian'

- ◆ Launched Provincially in October 2014
- ◆ Including Mobile video conferencing technology
- ◆ Connecting via Telestroke Virtual Room
- ◆ Each site had to plan processes to meet best practice guidelines

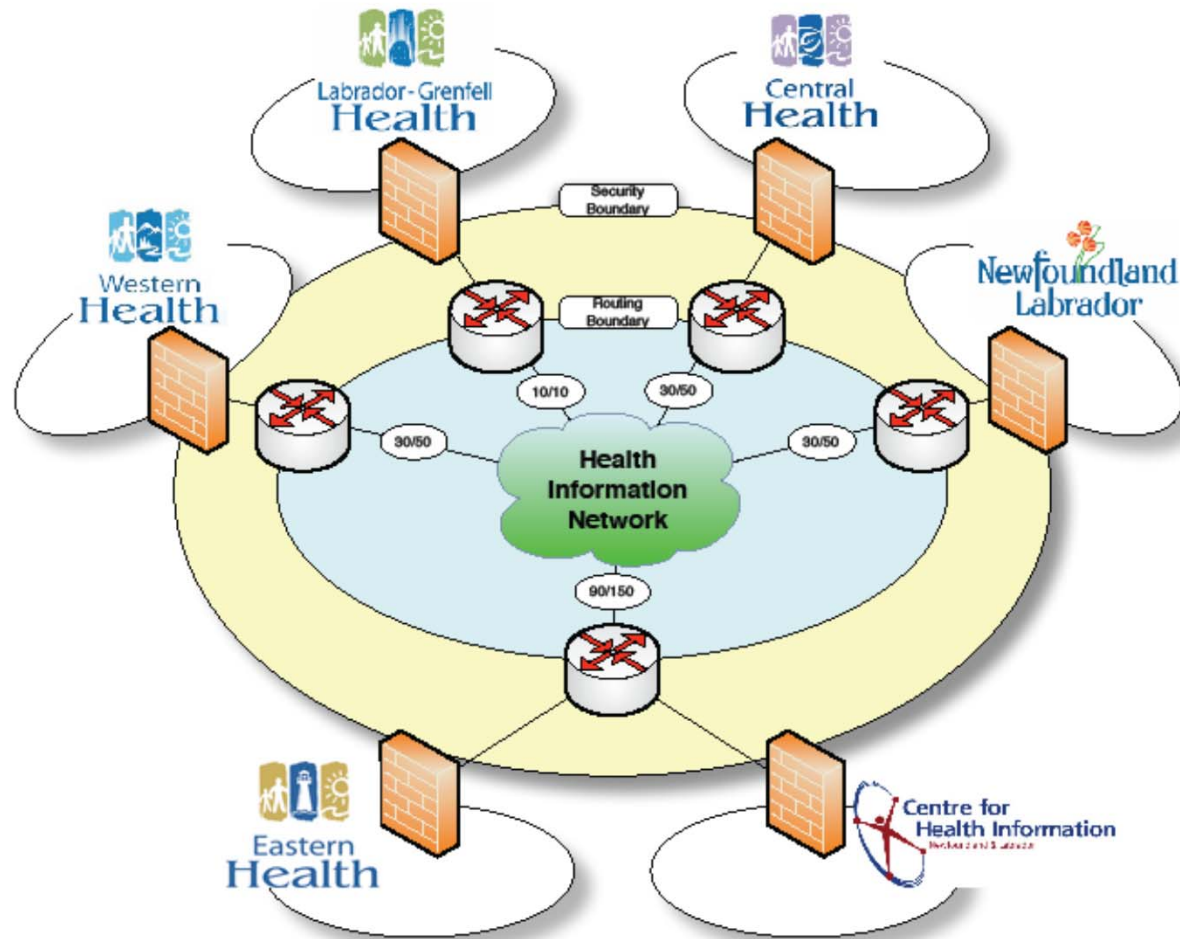
Telestroke End Points



Desktop Units



Telehealth Network



Evaluation

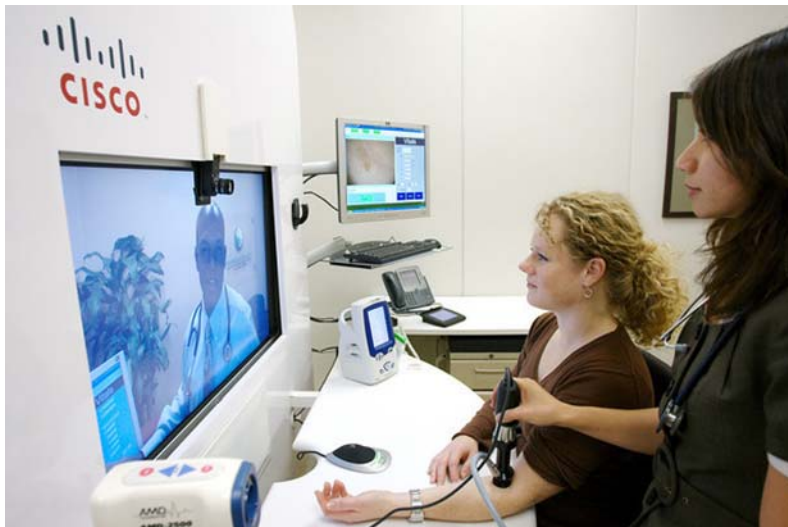
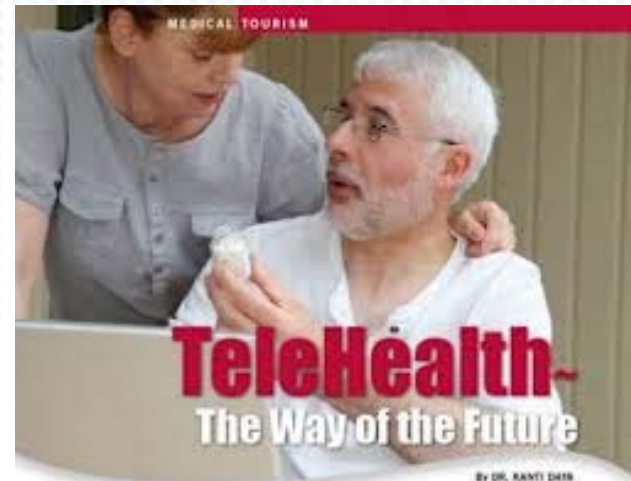
- ◆ 6 Month evaluation started
- ◆ Chart Auditing
 - tPA Administration
 - Telestroke Consults
- ◆ Process Review
- ◆ Lessons Learned
- ◆ Best Practices
- ◆ Patient / Healthcare Provider Satisfaction



Gaps and Barriers

- ◆ A 911 Service
- ◆ Neurologist Shortage
- ◆ Healthcare Turnover
- ◆ Technology Barriers

Growth Opportunities



Thank you!

Contact Information

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Together
we can

