# Radiology Driving Change in Primary Care

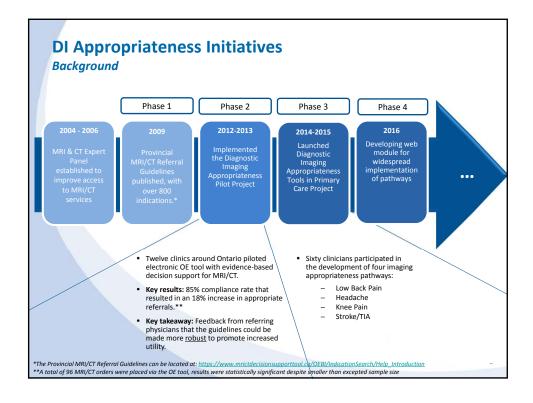
The Diagnostic Imaging Appropriateness (DI-APP) Project

Radiological Society of North America
Annual Meeting 2016

**Presentation Outline** 

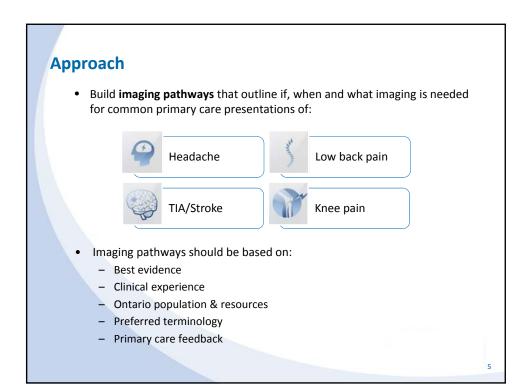
- Background
- Reasons for Action
- Project Approach
- Imaging Pathways
- Next Steps

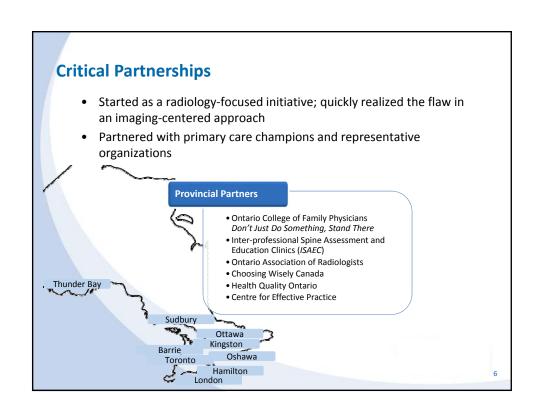
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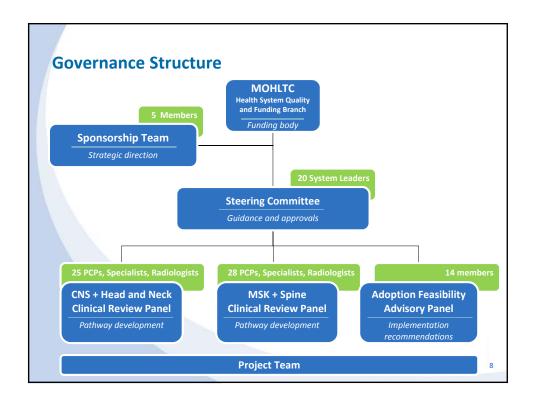
#### **Reasons for Action**

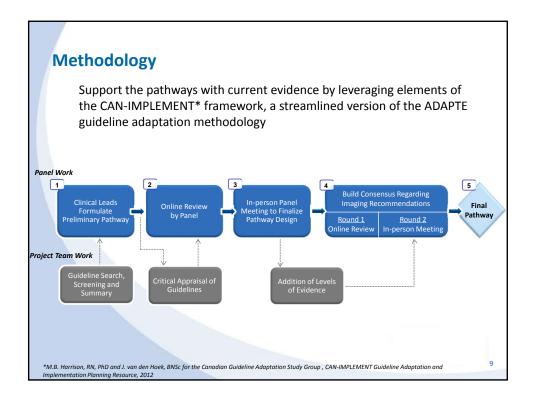
- Variability in images ordered for common clinical scenarios<sup>1,2</sup> (e.g. right modality and when)
- **Uncertainty** about imaging resulting from rapid technological advances
- Lack of integration between community primary care providers and hospital-based imaging specialists
  - Opportunity to advance provincial primary care strategy: Patients First: Action Plan for Health Care by "delivering better coordinated and integrated care in the community, closer to home" 3
- In 2011 approximately 800 MRI/CT requisitions were collected across UHN, St. Joseph's HealthCare Hamilton, Thunder Bay Regional Health Sciences Centre, St. Joseph's Health Care London and the clinical indications were cross-referrenced with the Ontario MRI/CT Referral Guidelines to assess variability with guidelines.
   You, J. J., Purdy, I., Rothwell, D. M., Przybysz, R., Fang, J., & Laupacis, A. (2008). Indications for and results of outpatient computed tomography and magnetic resonance imaging in Ontario. Canadian Association of Radiologists journal | Javasociation canadienne des radiologists, 59(3), 135-143.
   Patients First: Action Plan for Health Care, February 2015



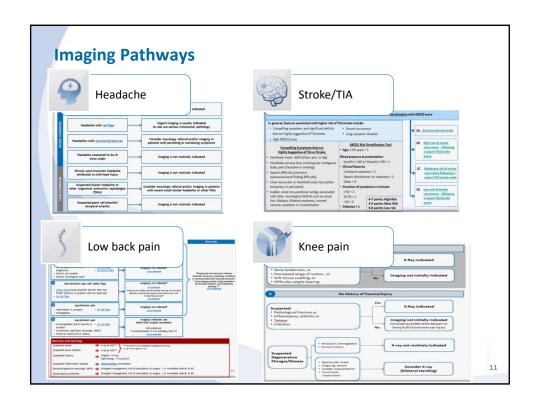


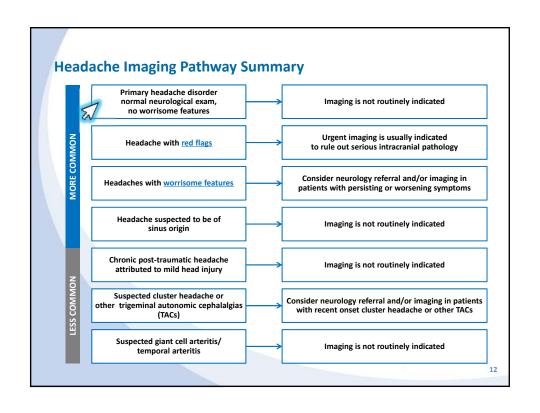


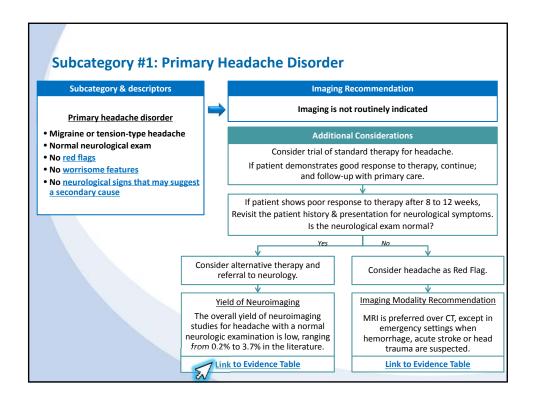


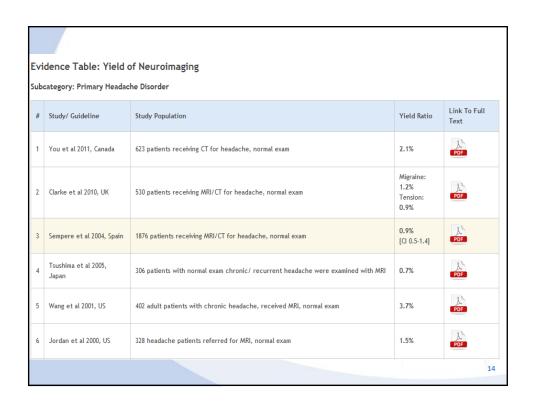












## **WHAT'S NEXT?**

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#### **Assessing Pathway Acceptance**

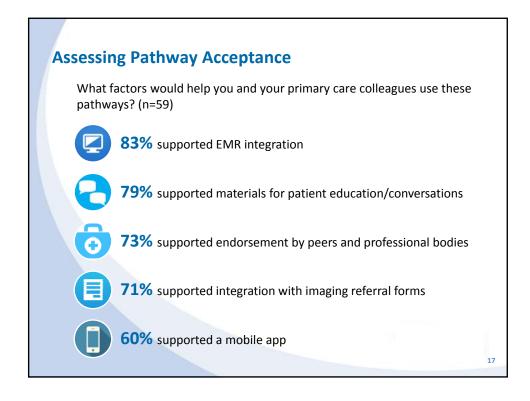
Pathways were evaluated by primary care providers who did not participate in development (n=55)

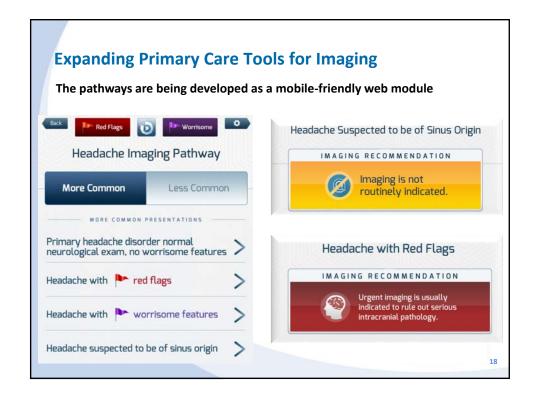
**92%** agreed/strongly agreed that the pathway recommendations are relevant and applicable to their patient population

**84%** agreed/strongly agreed that the pathways could help facilitate communication with patients

**70%** agreed/strongly agreed that the pathways could help to change their practice

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### **Contact Information**

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