

Presentation Outline

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Ensuring rapid access to appropriate high-quality imaging at a sustainable cost is a major challenge in **Canadian healthcare**

- Lack of integration between community primary care providers and hospital-based imaging
 - However, non-urgent cases account for 59% of referrals within our organization, 50% referred by primary care providers in the community
- Long wait times: Patients wait 89 days for an MRI and 42 days for a CT (90th percentile)¹

Result: Patients sent to overcrowded emergency departments to expedite imaging

¹ Wait Times Alliance of Canada. (2014). Time to Close the Gap: Report Card on Wait Times in Canada.

Primary Care Strategy

Navigation Support for Primary Care

Design full continuum of imaging services for primary care Evidence-Based Imaging Guidelines

- Improve patient experiences by avoiding unnecessary waits and testing
- Ease pressure on imaging departments by avoiding duplicate and unnecessary procedures
- Create robust, Ontario-specific, guidelines, framed through primary care lens

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Initiative

Designing Imaging for Primary Care

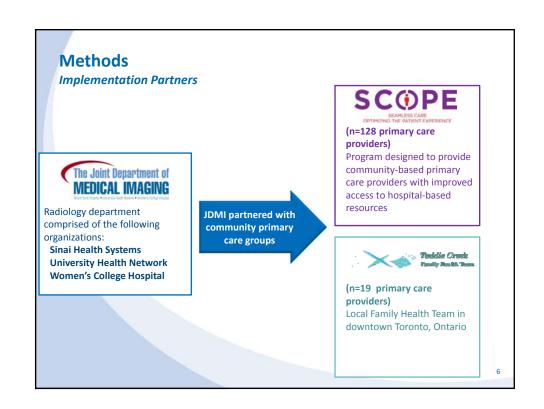
Purpose:

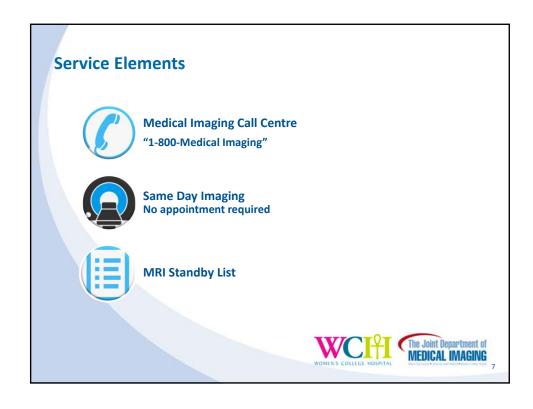
Redesign sub-specialized imaging department to serve the needs of the primary care community

Goals:

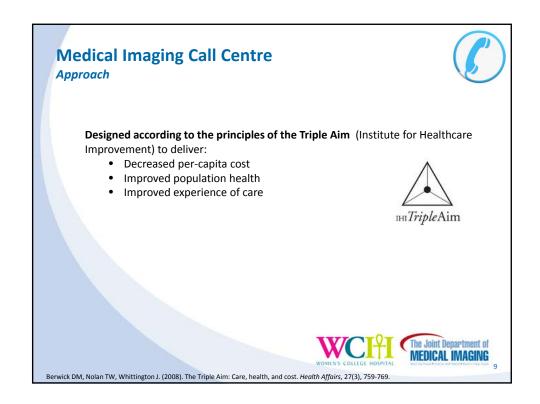
- Streamline referral process
- Provide convenient high quality imaging
- Create bi-directional communication
- Ensure appropriate care by providing integrated support

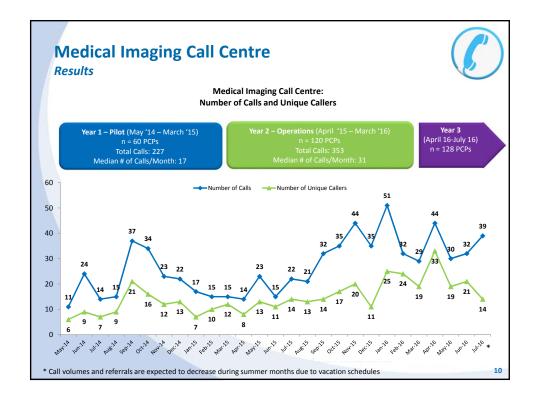


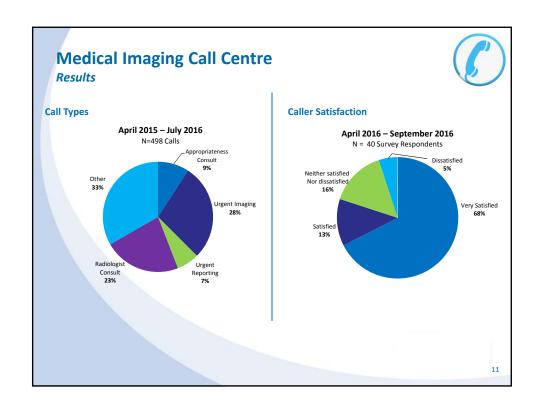


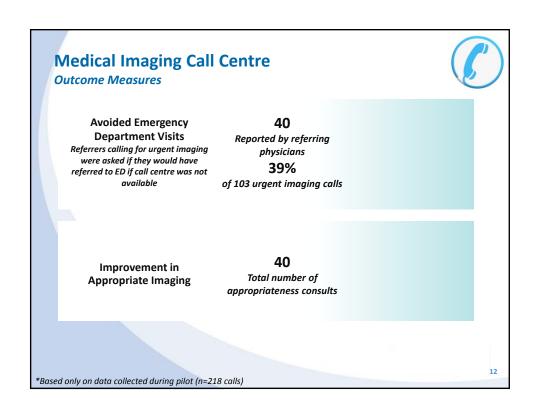


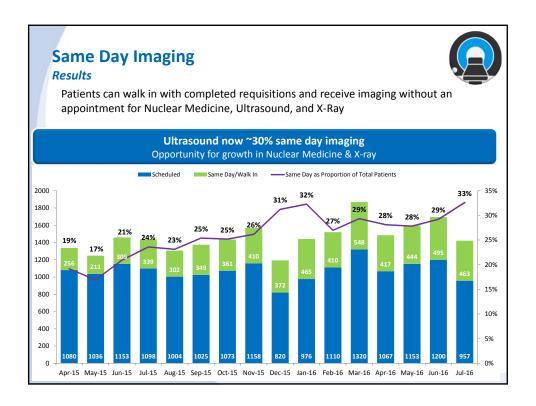
Medical Imaging Call Centre Approach A call centre designed to improve integration with medical imaging by providing: • Coordination of calls by a clerical staff • Real-time consultation with radiologist One contact number for support: • Appropriateness consult • Radiology consult • Urgent imaging • Urgent reporting • General information

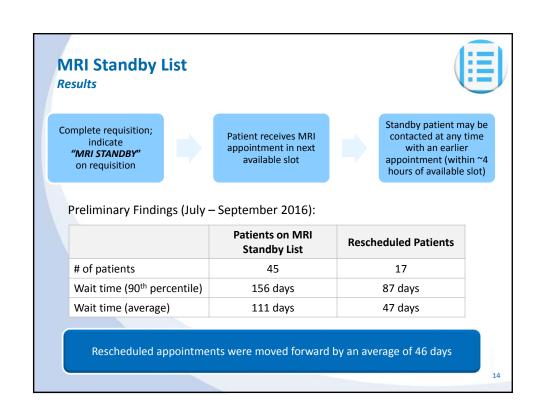


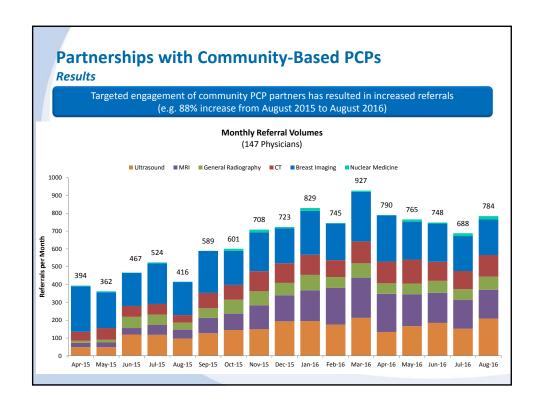












Lessons Learned

- Primary care providers value conversations with radiologists to gain clinical insights and validation
- Partnership enhanced by ability to trial and modify solutions
- Primary care providers appreciate additional information about procedures to inform appropriate referrals
- Data collection should be expanded to capture impact on avoided inappropriate emergency department visits and specialist referrals



Conclusion

- Achieved an 88% increase in referrals from community partners (one year, across all modalities)
- Transformed relationship between radiologists and community PCPs, creating formal and informal connections with high levels of physician satisfaction
- Recognized potential to improve quality of patient care and decrease burden on emergency department and specialist care
- Acknowledged importance of evaluating patient and referring physician experience to measure impact and sustainability



Future Initiatives



Evaluate Patient and Referring Physician Experience



Enhance the Role of Imaging as Navigator to Specialists



Enable Email Appointment Notification and Report Delivery



Enable eConsultation



Implement Diagnostic Imaging Appropriateness Tools in Primary Care

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