

# 2026 NBMS HEALTH SUMMIT

## **Artificial Intelligence in Clinical Practice: Practical Applications, Risks, and Physician Leadership**

Artificial intelligence (AI) is increasingly being introduced into Canadian healthcare systems, including tools that affect documentation, clinical decision support, triage, diagnostics, and patient access. For physicians in New Brunswick, working across primary care, specialty care, rural and urban settings, AI presents both opportunities and important professional, ethical, and medico-legal considerations. This interactive session provides a balanced, evidence-informed overview of how AI is currently being used in healthcare, with a focus on practical relevance to clinical practice in New Brunswick. Through real-world clinical scenarios and live audience polling, participants will examine where AI can meaningfully support physicians today (i.e., reducing administrative burden, improving access and flow, supporting population health) and where caution, clinical oversight, and governance are essential.

The session emphasizes the physician's role in shaping safe and effective AI adoption, including understanding limitations, bias, accountability, privacy, and documentation standards. The goal is not to promote specific technologies, but to equip physicians with the knowledge and critical lens needed to engage confidently and responsibly with AI as it enters clinical workflows.

### Learning Objectives

By the end of this session, participants will be able to:

- Describe current and emerging clinical applications of AI relevant to physician practice in New Brunswick.
- Identify potential benefits and risks of AI in areas such as documentation, triage, decision support, and access to care.
- Apply a clinical and ethical framework to evaluate AI tools introduced into their practice or health system.
- Recognize the role of physician leadership in ensuring AI is used safely, responsibly, and in the best interest of patients.



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Niraj leads the Healthcare AI offerings for Deloitte Canada and he is Deloitte's Global Head for Generative AI in Healthcare. He has over 15 years of experience with providing strategy and technology implementation services to clients across North America and Asia in industries such as healthcare, financial services mining, and energy and resources. Within healthcare, Niraj focuses on providing health data platform, and AI and data strategy expertise. He has led end to end healthcare analytics projects from strategy to implementation to support health authorities and hospitals, and has experience in precision health, population health and patient journey analysis. Niraj is an Adjunct Faculty at the Dala Lana School of Public Health, University of Toronto.