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**FOR IMMEDIATE RELEASE**

**TRILLIUM HEALTH PARTNERS ADVANCES ARTIFICIAL INTELLIGENCE  
INITIATIVES WITH DONATION FROM TD BANK GROUP**

*Hospital's AIDE Lab will bridge the AI implementation gap thanks to TD investment*

**October 26, 2021 (MISSISSAUGA, ON)** – The Institute for Better Health (IBH) at Trillium Health Partners (THP), in partnership with the Trillium Health Partners Foundation, is pleased to announce a \$1 million investment from TD Bank Group. The funds will help accelerate the use of artificial intelligence (AI) through the newly created Health Care AI Deployment and Evaluation (AIDE) Lab at THP.

The AIDE Lab works with global leaders in AI model development to ensure the safe and equitable deployment of AI to improve patient outcomes and bridge the gap between high-performing AI algorithms and real-world clinical impact.

The AIDE Lab is a dynamic cross-disciplinary team of clinicians, computer scientists, engineers and researchers who work together on high-priority challenges facing THP. THP serves 2.2 million residents in the western Greater Toronto Area, one of the fastest-growing and most diverse regions in the country, with 51 per cent of residents born outside of Canada and over 18,000 newcomers a year from over 55 countries. The size and diversity of the population creates the ideal representative dataset to help detect and reduce any unconscious or inherent bias built into a given AI model.

Dr. Dante Morra, Chief of Staff at THP and President of THP Solutions, is thrilled to launch the Lab with TD's support: "THP's Institute for Better Health is uniquely positioned to meaningfully test emerging technologies and algorithms in the AI space with what is one of the largest, most unified enterprise data sets in Canada. Our investments in a world class health information system and radiology image management system over the last three years can now be used to truly create a population health-oriented approach to AI, thanks to TD."

Early work of the Lab will focus on validating a model to predict patients most at risk for sepsis, so providers can intervene early. Recent work has shown how AI models may perform unexpectedly in clinical applications outside of where they were developed. "AI holds amazing promise. Our goal is to develop the tools and methodology to enable anyone in health care to plug in their AI and have it work efficiently, safely and equitably," said Dr. Morra.

The Lab is led by Dr. Ben Fine, a radiologist, clinician scientist and MIT-trained engineer whose expertise lies in leading cross-disciplinary data science teams in health care. The Lab will recruit a team led by a full-time machine learning scientist who will work with leading academic and industrial partners to deploy and evaluate health care AI software. This cutting-edge applied

research will be supported by the Institute for Better Health's Data and Advanced Analytics team led by Dr. Morgan Lim and THP's Business Intelligence team led by Shalu Bains and Information Technology department led by David Stankiewicz.

"The funding announced today will help Trillium Health Partners test emerging technology and applied research to advance quality health care for patients who need it most within THP's catchment," said Janice Farrell Jones, Senior Vice President, Sustainability and Corporate Citizenship at TD Bank Group. "With funding through the TD Ready Commitment, the Bank's global corporate citizenship platform, we're excited to help THP increase access to equitable care in the face of today's health challenges."

THP Foundation President and CEO Caroline Riseboro said, "THP is committed to patient-centred health care, driven by new and better forms of data. Achieving this vision is only possible with support from generous partners like TD. Thanks to TD, IBH will explore the full potential of AI to create a new, better and more efficient kind of health care."

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### **Trillium Health Partners**

Trillium Health Partners (THP) is one of the largest community-based hospital systems in Canada. Comprised of Credit Valley Hospital, Mississauga Hospital and Queensway Health Centre, Trillium Health Partners serves the growing and diverse populations of Mississauga, West Toronto and surrounding communities. Trillium Health Partners is a teaching hospital affiliated with the University of Toronto and is an associate member of the Toronto Academic Health Science Network.

### **Institute for Better Health**

Trillium Health Partners established the Institute for Better Health (IBH) to advance a new kind of health care for a healthier community through scientific expertise, innovative approaches and partnerships. IBH leads projects that are focused on health services research and population health, supports the advancement of research and innovation activities across Trillium Health Partners, and creates diverse partnerships inside and outside the hospital, all to contribute to better health and health care.

### **Trillium Health Partners Foundation**

Trillium Health Partners Foundation is dedicated to raising the critical funds needed to address the highest-priority needs of Trillium Health Partners, one of the largest community-based acute care facilities in Canada.

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**For research collaboration opportunities, please contact:**

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