

St. Michael's
FoundationST. MICHAEL'S HOSPITAL
PROVIDENCE HEALTHCARE

THIS IS HUMANCARE

THE **MOVEMENT TO REINVENT** THE PATIENT EXPERIENCE.

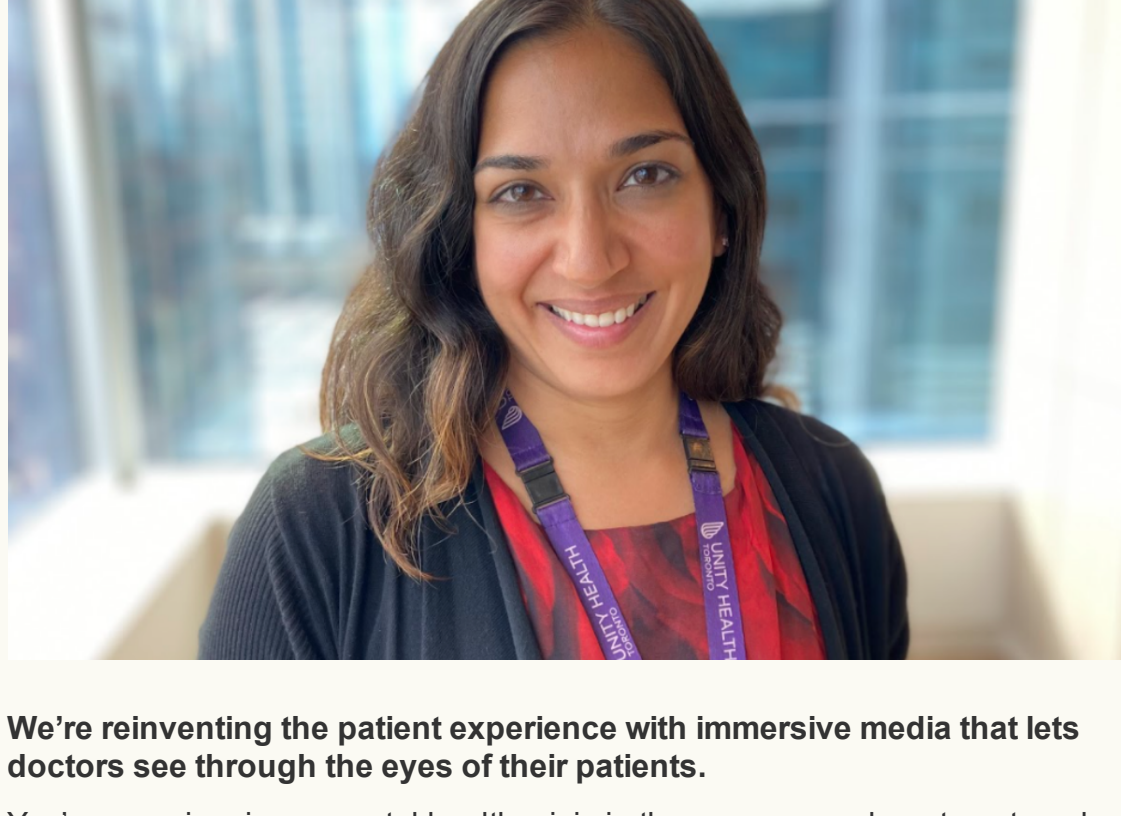
We're reinventing the patient experience with artificial intelligence that makes access to care faster and treatments more precise.

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AI health pioneer Dr. Muhammad Mamdani gets personal, telling us about his dad, Star Trek, what he can't live without and, yes, even his dream trip to Disney World.

[MEET DR. MAMDANI](#)

HUMANCARE AT WORK



We're reinventing the patient experience with immersive media that lets doctors see through the eyes of their patients.

You're experiencing a mental health crisis in the emergency department, and you can't understand what's going on around you. Health-care staff don't seem to know what you're going through. Now they will. Working with patients and virtual reality developers, St. Michael's Dr. Seema Marwaha and a team of scientists have co-designed "embodied" experiences that tell staff what patients see, hear and feel when they're being treated.

[LEARN MORE](#)

We're reinventing the patient experience with AI that reduces emergency department wait times.

Only 11% of Canadians say they always experience reasonable wait times in the emergency department (ED). What if hospitals knew, a week in advance, just how busy the ED will be, so they can staff it properly? Thanks to Dr. Muhammad Mamdani and his team of data scientists, now they do. Their AI tool, which analyzes weather scenarios, traffic patterns and visitor trends, is being used by hospitals across the city so they plan better.



We're reinventing the patient experience with technology that helps stroke patients heal.

Strokes can make it hard for the brain to transmit and receive signals involved in walking or driving. Now, thanks to donors, stroke patients at Providence Healthcare's rehabilitation unit have two new digital partners. The LiteGait system tells them when their gait is uneven, or if they're leaning to one side. As patients correct their movements, they build back neural pathways. And thanks to a new simulator, patients can get back on track by sharpening their driving skills.



For St. Michael's Dr. Kamran Khan, December 31, 2019 started like a regular workday.

He'd scrapped plans to spend New Year's Eve with his family. His wife and kids were stuck in Minneapolis after a winter storm grounded their flight home. Dr. Khan headed to the office. On the way in, his phone lit up with a Slack message from a colleague: "We need to huddle." He knew what that meant: His team had identified a potentially serious outbreak.

It's been two years since the World Health Organization declared COVID-19 a public health emergency. Meet the scientist who spotted it first, and find out how we're using AI to reinvent the patient experience.

[READ MORE](#)

HUMANCARE CHAMPIONS



Lou Odette
HUMANCARE campaign member

Generation after generation, the Odette family has supported our core mission – providing care to all in need. Time after time, they've championed health system innovation. And now they're looking to the future, spurring medical research and training in AI and advanced analytics that will make access to care faster and more equitable for all.

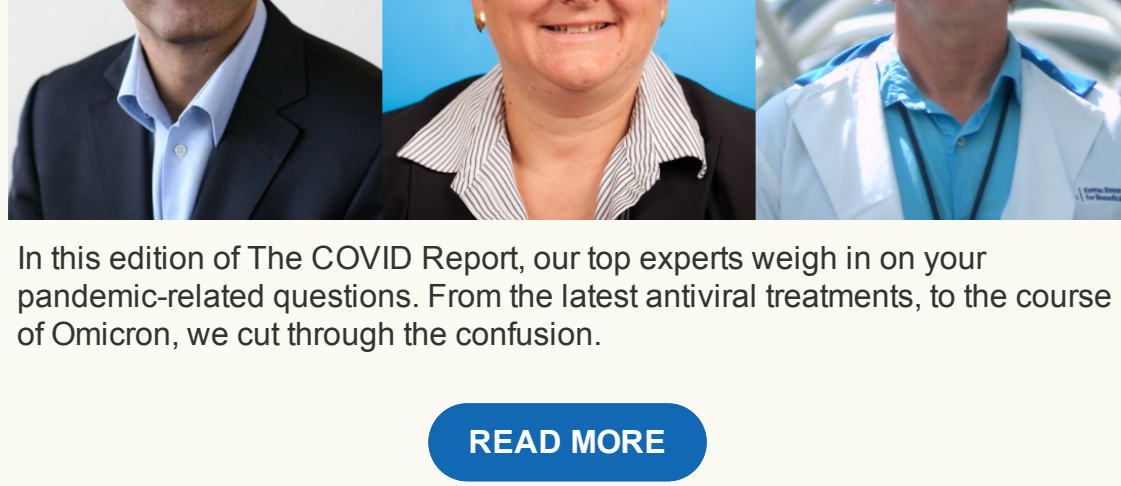
HUMANCARE HEADLINES

[More ways](#) our health-care teams are reinventing the patient experience through digital transformation. This is #HUMANCARE.

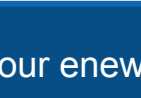
THE COVID REPORT

Facts from the frontline to keep you and your loved ones informed and safe.

3 EXPERTS, 3 ANSWERS



In this edition of The COVID Report, our top experts weigh in on your pandemic-related questions. From the latest antiviral treatments, to the course of Omicron, we cut through the confusion.

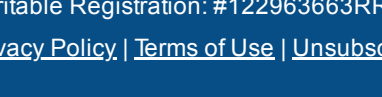
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30 Bond Street, Toronto, Ontario,
M5B 1W8, Canada | 416.864.5000

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