



SCANH

Supply Chain Advancement
Network in Health

SCAN Health 2020-21 Annual Report

Road to Gold

Striving for Excellence in Healthcare Supply Chain





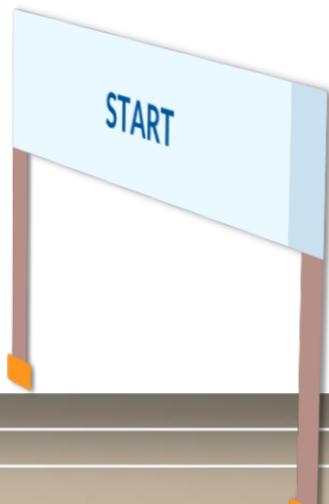
CONTENTS

- The Journey: Scientific Director's Message.....3
- Coaches Corner: President's Message..... 4
- The Village: Sharing Best Practices 6
- Raising the Bar: Building Healthcare Capacity.....8
- Parade of Champions: Celebrating Excellence.....10
- Closing Ceremonies: Value, Impact & Outcomes..... 12

OUR VISION

To advance global capacity to adopt and scale best practices in healthcare supply chain to offer traceability of products and care processes from bench to bedside to patient outcomes.

FUNDER



THE JOURNEY

SCIENTIFIC DIRECTOR'S MESSAGE

SCAN Health was formed to drive transformation of Canadian and global health supply chains to reduce medical error. As the first international knowledge translation platform of its kind, we successfully bridged supply chain expertise from industry to healthcare applications. After completing a four year mandate to build connections and mobilize knowledge, we are thrilled to transition our strategic programs to HIMSS.

The COVID-19 pandemic brought supply chain from shop floor to top floor by demonstrating the vital importance of health supply chain as a strategic asset. Integrated and digital infrastructure, based on global standards, enables health systems to track and trace products and processes to patient outcomes.

SCAN Health has created the capacity and collaborative links for supply chain innovation to be embedded and scaled in global health systems, developed a supply chain maturity tool (CISOM) and established innovative procurement models to solve real-world challenges. The evidence of impact and value of supply chain transformation demonstrates a significant reduction in the prevalence of errors, substantive cost savings and more automated work environments for health teams.

I am delighted the legacy of SCAN Health to mobilize knowledge that profiles the critical link between supply chain, patient safety and health system performance will continue through HIMSS as they deliver our events and competitions worldwide.

Dr. Anne Snowdon
 Scientific Director & CEO, SCAN Health
 Director of Clinical Research, HIMSS Analytics



HOST



**Odette School
 of Business**
 University of Windsor



COACHES CORNER

PRESIDENT'S MESSAGE

It has been a privilege to grow SCAN Health's network and collaborate with multisector partners across five continents. Over the past four years, we have succeeded in mobilizing knowledge of strategic supply chain best practices in global health systems to advance safety and quality.

This year, SCAN Health quickly mobilized to focus strategic initiatives on alleviating the impact of COVID-19 on health systems. The design competition fostered collaboration among industry, healthcare and researchers to co-create solutions for sourcing critical supplies to protect frontline clinicians and citizens. The business case competition equipped students with essential knowledge and leadership capacity to transform supply chain into a strategic asset for health systems. Through the platform and events, evidence-based research and outcomes were shared to a global network that can implement, scale and measure supply chain best practices that achieve value for the population it serves.

The ability to bring thought leadership from around the globe will pay dividends far into the future. I appreciate the significant contributions of our board, NCE, expert advisory council, staff, partners and HIMSS for enabling our transition. Together, we can drive supply chain innovation to improve health systems, economics and outcomes around the world.

Ms. Martha Huston
President, SCAN Health

Board of Directors

- Ms. Martha Huston, President
- Dr. Peter Vaughan, Treasurer
- Ms. Lynne Golding, Secretary
- Dr. Randy Bradley
- Dr. H. Allan Conway
- Mr. Garnet Fenn
- Dr. Kevin Fenton
- Mr. Patrick Lor
- Mrs. Eileen Mac Donald
- Mr. David O'Toole
- Dr. K.W. Michael Siu
- Mr. Harold F. Wolf III
- Dr. Verna Yiu

Networks of Centres of Excellence (NCE) Liaison

- Mr. Pascal Marchand

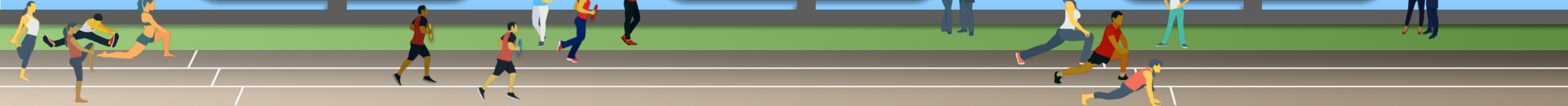
Expert Advisory Council

- Dr. Charles Alessi
- Mr. Paul Broadbridge
- Ms. Karen Conway
- Mr. Brent Diverty
- Dr. Joseph Drozda
- Mr. Desmond Griffiths
- Dr. Sue Matthews
- Ms. Terrie Reed
- Dr. Eugene Schneller

"Successful innovation requires us to take a global perspective. We must collaborate with the best talent, whether it is found next door, across the country or around the world. SCAN Health is designed to do exactly that."



B. Mario Pinto, Former President, NSERC, and Chair, NCE Steering Committee





THE VILLAGE

SHARING BEST PRACTICES

Annual Global Networking Event

Hundreds of industry experts, health system leaders, renowned researchers, policy makers and citizens exchanged knowledge that will advance integration of global health supply chains at our virtual event in partnership with HIMSS and GS1 Canada.

“Our event highlighted integrated and digital supply chains that leverage global standards to drive positive care outcomes for patients, improve safety for clinicians and enhance operational efficiencies for health leaders. This transformation is critical during COVID-19 and beyond.”



Mrs. Eileen Mac Donald,
CEO & President, GS1 Canada

Knowledge Mobilization (KM) Platform

Our KM platform provided a unique opportunity for users around the world to connect, collaborate and discuss healthcare supply chain challenges and successes through online forums, learning material and dynamic tools.

“Sharing best practices and building relationships with industry experts, clinicians, health system leaders, citizens, academics and policy makers through SCAN Health’s platform enables healthcare supply chains to enter into the 21st century.”



Dr. Sue Matthews, CEO,
The Royal Women’s Hospital



The SCAN Health Village enables stakeholders to drive innovation through competitions, inspire collaboration through knowledge mobilization activities and reach new levels of achievement through maturity models. This accelerates the exchange of information and expertise resulting in the formation of new partnerships and alliances around the world.

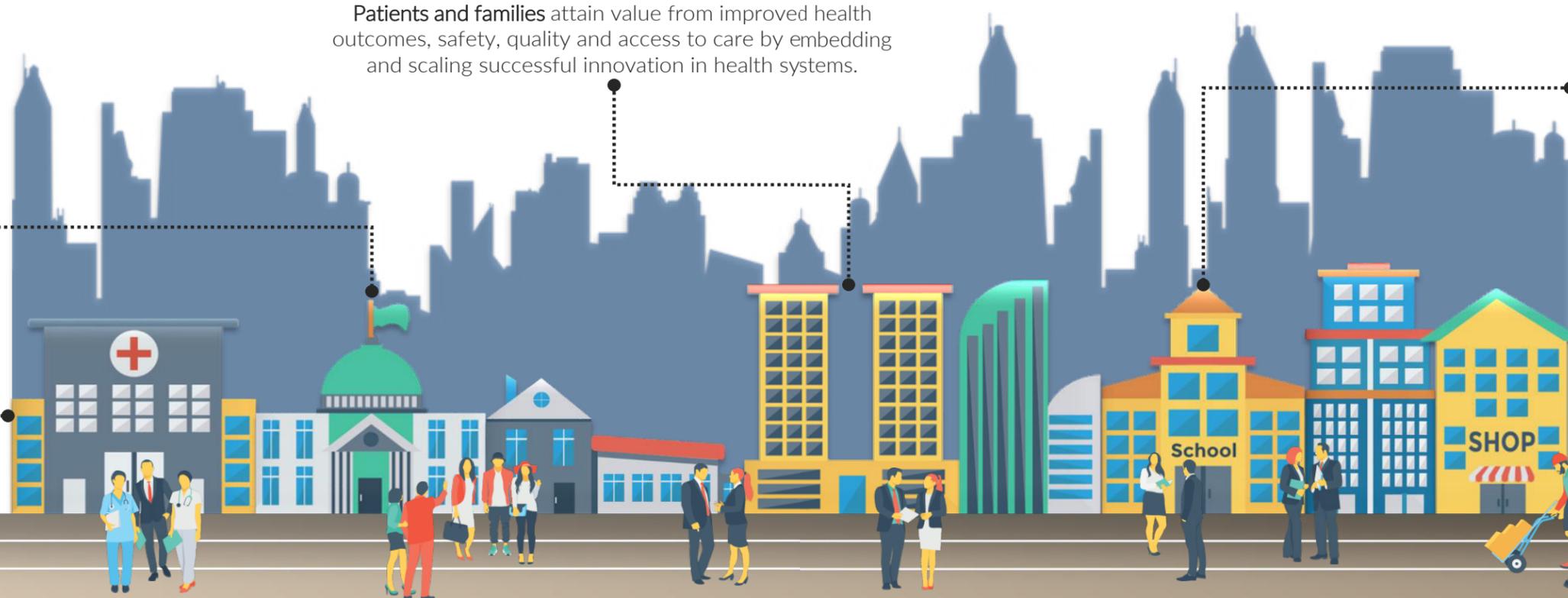
Policy makers and payers realize value from evidence-based policy and their capacity to assess the value of a product relative to system costs, performance safety and quality.

Patients and families attain value from improved health outcomes, safety, quality and access to care by embedding and scaling successful innovation in health systems.

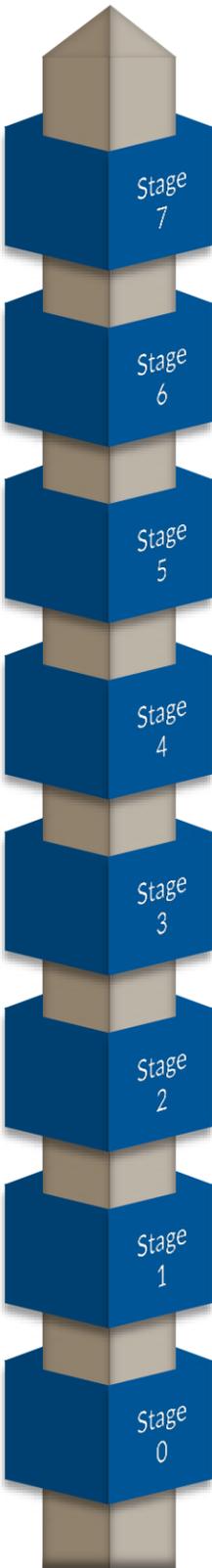
Academic teams establish the metrics and measure the impact of health innovation furthering knowledge, understanding and best practice contributing to sales, growth, adoption and scalability of the product.

Health systems embed and scale health innovations, based on reliable and valid evidence, to improve patient outcomes, health system performance and sustainability.

Private sector partners achieve value by the adoption of products into health systems and creation of credible evidence of the impact and outcomes to achieve market access and growth in domestic and international health markets.



CLINICALLY INTEGRATED SUPPLY CHAIN ACHIEVED



Stage 7
Precision and personalized healthcare service delivery; Real-world evidence of patient outcomes from traceability of care processes and products

Stage 6
Transparency across the patient journey of care; Automated traceability of patient care processes and products; Provider team care delivery linked to patient outcomes

Stage 5
Supply chain processes are automated and integrated at the point of care; Complete traceability of products and care processes; Automated tracking of adverse events and product recalls

Stage 4
Integration of supply chain processes into clinical programs; Optimization of inventory management linked to patient care needs

Stage 3
Supply chain strategy creates organizational visibility; Automation of financial processes linked to procurement; Evidence-informed product standardization

Stage 2
Inventory tracking and automation; Optimization of supply costs and inventory management

Stage 1
Basic supply chain processes are established as a business function of the organization

Stage 0
Manual inventory and supply processes; No organizational supply chain strategy

RAISING THE BAR

BUILDING HEALTHCARE CAPACITY

Clinically Integrated Supply Outcomes Model (CISOM)

Health systems use this strategic pathway to track processes and products used in care, by linking product and procedure data to patient outcomes data to create real-world evidence of impact and outcomes for patient populations. [For more information click here](#) or see the graphic to the left.

"We saw the industry enthusiastically embrace CISOM and we are excited to continue that momentum as this maturity model reaches greater adoption, providing organizations with a strategic roadmap to advance supply chain infrastructure and strengthen quality and safety of care."



Mr. Harold F. Wolf III, President & CEO, HIMSS

Design Competition

Solution providers collaborated with health systems to pitch evidence-based solutions to the contemporary, real world challenge of determining product equivalencies for sourcing personal protective equipment.

"The capacity to compare product attributes and technical specifications to determine whether a product can be substituted safely and perform effectively is essential for pandemic preparedness and to support public health efforts to contain the spread of COVID-19."



Mr. David M. Marcelletti, Vice Chair Supply Chain Management, Mayo Clinic

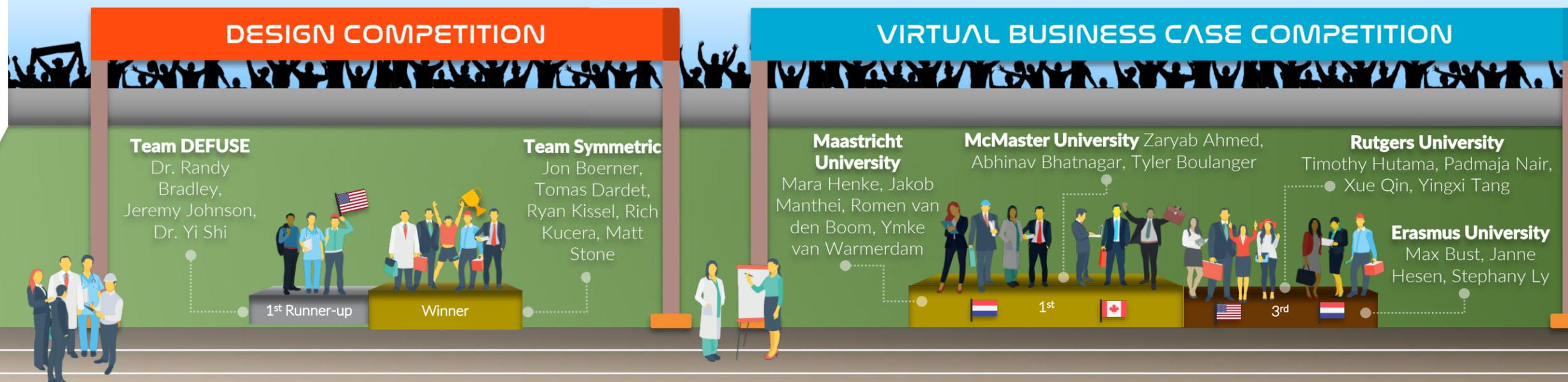
Virtual Business Case Competition

Over 40 teams from renowned business schools across 11 countries participated in this competition to develop a coordinated supply chain strategy to enhance healthcare capacity, safety and resiliency while managing the impact of COVID-19.

"This is a terrific opportunity for students to apply classroom learning to the health sector - one of the largest and fastest growing industries in the world. Through this competition, students develop essential knowledge on the role of supply chain as a key element in improving healthcare economics and outcomes."



Dr. H. Allan Conway, Professor Emeritus and Former Dean, Odette School of Business, University of Windsor





PARADE OF CHAMPIONS

CELEBRATING EXCELLENCE

Networking Event Speakers & Moderators
 Mr. David Berridge, Dr. Joseph Drozda, Dr. Kevin Fenton, Ms. Martha Huston, Mrs. Eileen Mac Donald, Dr. Susan Moffatt-Bruce, Dr. Anne Snowdon, Mr. Harold F. Wolf III, Dr. Verna Yiu

PARTNERS



Design Competition Judging Panel
 Mr. David M. Marcelletti (Chair), Mr. Ron Johnson, Dr. Alex Mitchell, Dr. Jayson Myers, Mr. René Picard, Mr. Jitendra Prasad, Mr. Mike Schiller, Mr. Altaf Stationwala, Dr. Natalia Wilson, Mr. Steve Wretling

PARTNERS



Business Case Competition Judging Panel
 Dr. H. Allan Conway (Chair), Dr. Randy Bradley, Dr. Kiran Fernandes, Dr. Adel Guitouni, Dr. Colleen Metge, Dr. Cheryl Mitchell, Ms. Nancy Pakieser, Mr. René Picard, Dr. Giovanni Caetano da Silveira

PARTNER



HOST



Research Team
 Dr. Anne Snowdon
 Dr. Melissa St. Pierre
 Ms. Alexandra Wright



Corporate Team
 Ms. Kathryn Cox
 Mr. Chris Smith
 Ms. Lori Turik



CLOSING CEREMONIES

SCAN HEALTH'S VALUE, IMPACT & OUTCOMES



Optimizing Supply Chains

"We are looking at all areas of the health system to improve efficiencies and deliver the best healthcare possible to our patients. That includes areas we don't often think about, such as supply chain infrastructure. We all have much to learn from industry leaders."

Improving Patient Safety

"Supply chain needs addressing to get health systems to where we need to get to: better patient care and better patient outcomes."

Ms. Jackie Pomroy,
Managing Director, Jackie Pomroy Consultancy Ltd



Dr. Verna Yiu, CEO & President,
Alberta Health Services



Dr. Randy Bradley,
Associate Professor,
Haslam College of Business



Ms. Betty Jo Rocchio, Sr. Vice
President & System Chief
Nursing Officer, Mercy



Ms. Janne Hesen,
Erasmus University

"I found the business case very interesting and was shocked to find how far behind healthcare is compared to other industries. In my program, we don't go into healthcare so this was new territory for me. My Master's work was the perfect opportunity to get to know this sector."



Scaling CISOM Across 100 Organizations and 6 Countries

"CISOM is the key to truly managing inventory in a hospital environment. You need all the pieces in the tool - automation, clinical integration, predictive analytics, governance and leadership for supply chain transformation."

Enabling Knowledge Exchange

"SCAN Health is a network of people from all over the world coming from different health systems that are funded and structured quite differently; yet finding commonalities by sharing information that can improve all of it."

Fostering Global Collaboration

"A positive thing that came out of the SCAN Health event was opening the communication channels between Canada-UK orthopedic registries and learning from each other. Otherwise, we're all heads down focusing within our own respective worlds."

Mr. Greg Webster, Director,
Canadian Institute for Health Information



Driving Market Growth

"Since winning the design competition, we've grown tremendously. We're at over 275 acute care facilities and continue to grow. Our company has grown internally and we're posting more jobs."



Mr. Rich Kucera, Managing Principal,
Symmetric Health Solutions

Advancing Pandemic Supply Chain Research

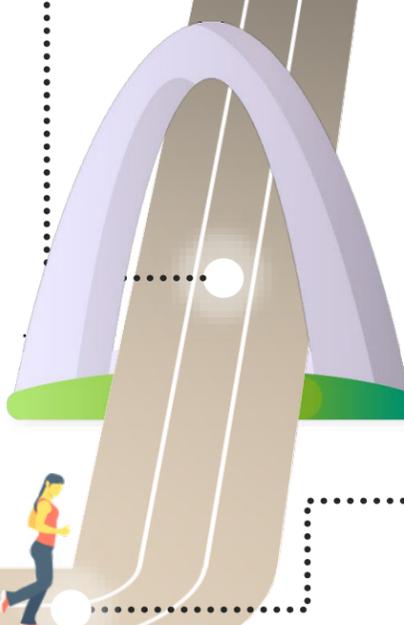
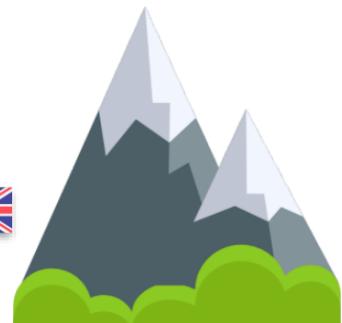
"Our government believes that it's through collaboration and data sharing that we will respond efficiently to this global health emergency."



The Honourable Patty Hajdu, Health Minister,
Government of Canada

Together we look forward to the future with HIMSS!

FINISH





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University of Windsor
Scientific Director & CEO, SCAN Health
Director of Clinical Research, HIMSS Analytics

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