

CANADA:

ARE WE READY FOR PERSONALIZED HEALTHCARE?



While you were just living your life ... the tools, technologies, and treatments for personalizing healthcare have arrived, not just for rare diseases and cancer but so many more conditions, Cellular and gene therapies, AI, wearable devices, big data ...will transform care from “hit and miss” best practice guidelines to personalized care pathways. Experts say we are already too late to plan for the future. What will it take for Canada to be ready for NOW?

The Canadian Organization for Rare Disorders, the leading patient network for innovative conferences, invites you to join us /for two days of dialogue toward personalized healthcare in Canada.

OUTCOMES

Agree on process toward collaborative, integrated system-wide access to precision therapies and personalized healthcare

- Healthcare ecosystem: what components define HE and how are they integrated?
- Key “nodes” in access pathway: what are different pathways from development to patient access?
- Who are key stakeholders/players?

- What are outcomes and key success factors for each stakeholder and how can focus on common interests superordinate goals guide collaboration?

Define Scope of personalized/precision therapies

- Examples of traditional vs. personalized therapies/medicines for specific diseases or conditions or subpopulations
- Examples of traditional vs. personalized access pathways
- Examples of personalization across the spectrum of healthcare (prevention, prenatal, newborn, diagnosis, care, therapies, community support)

Develop vision for precision therapy and personalized healthcare

- What if all therapies were targeted all healthcare personalized?
- What does ideal access look like ... across different stakeholders?
- How does personalized healthcare differ from traditional best practices guidelines?

Axioms of Success

“No one wins unless everyone wins.”

“No more ‘same old same old.’ Genomics, big data, AI, and precision medicine have changed the game forever. Healthcare is at an inflexion point. THINK BIG.”

Principles of Engagement

“Out of the box”: Open space to optimize creative thinking, risk taking and problem solving

“Busting barriers”: Team-based to optimize new learning, relationship building, shared solutions

“Hats off”: Evict preconceptions, bias, positional thinking, self-interest

2019 FALL CONFERENCE DRAFT OUTLINE

Monday, November 18, 2019

Building Blocks of Precision Medicine and Personalized Healthcare

8:00 a.m. – 8:30 a.m.	Registration and Breakfast
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8:30 a.m. – 9:00 a.m.	Welcome and Objectives
9:00 a.m. – 9:30 a.m.	Opening Plenary Exercise: Engaging all Stakeholders in Visioning Personalized Healthcare in Canada <ul style="list-style-type: none"> • Ideal Future of Personalized Healthcare in Canada in 5, 10, 25 years
9:30 a.m. – 10:45 a.m.	Why Precision Medicine and Personalized Healthcare and Why Now? Update on Technological Opportunities Examples: <ul style="list-style-type: none"> • What if we could ... cure cancer, restore sight to the blind, prevent hemophiliacs from bleeding, keep muscles from weakening, bones from breaking, and lungs from collapsing? We can do most of that today. Here's how. • You are more than your genomes! Thanks to AI, your genomic, biologic, lifestyle, and other personal information can be used to personalize healthcare to manage, treat, and even prevent disease and illness. Panel Discussion: How do Systems Need to Change to Promote Access?
10:45 a.m. – 11:00 a.m.	Networking Break
11:00 a.m. – 12:00 p.m.	Examples of Transformative Technologies Driving Precision Medicine and Personalized Healthcare <ul style="list-style-type: none"> • Genomics and Beyond • Patient-Engaged Healthcare: Personalized Tools to Monitor and Manage Healthcare • Big Data: Collect, Analyze, Aggregate Real-World Data • Value-Based Decision Making: Reimbursement based on outcomes (and potential)
12:00 p.m. – 1:00 p.m.	Lunch
1:00 p.m. – 2:30 p.m.	Examples of Traditional vs. Precision Therapies Precision Diagnosis: Molecular testing and Genome Sequencing Precision Therapies <ul style="list-style-type: none"> • Pharmacogenomics • Cellular Therapies: Stem Cell, CAR T-Cell • Gene therapies: Gene editing, replacing, inserting, neutralizing, modulating • Personalized Medical Devices

2:30 p.m. – 2:45 p.m.	Networking Break
2:45 p.m. – 4:00 p.m.	Examples of Personalized Healthcare and How These are Accessed <ul style="list-style-type: none"> • Experience of Personalized Healthcare • Precision Medicines in Cancer • Canadian Personalized Healthcare Initiatives (Quebec) • International Personalized Healthcare Approaches
4:00 p.m. – 4:30 p.m.	Recap: Integrating Precision Medicine and Personalized Healthcare: Opportunities and Challenges for Access

Tuesday, November 19, 2019

Collaborating to Design Access to Precision Medicines and Personalized Healthcare

8:30 a.m. – 9:00 a.m.	Where We Want to Go and How We Plan to Get There
9:00 a.m. – 9:30 a.m.	BIG Ideas from Day 1
9:30 a.m. – 10:30 a.m.	Planning toward a Vision of Precision Medicine and Personalized Healthcare and “What” is Needed for Access
10:30 a.m. – 10:45 a.m.	Networking Break
10:45 a.m. – 12:00 p.m.	Working Collaborative on Success Factors and Challenges toward Access: Models and Pilots <ul style="list-style-type: none"> • Group 1: Precision Diagnostics for Prevention and Treatment • Group 2: Targeted Therapies in Hospital • Group 3: Rare Diseases from Diagnosis to Community Care • Group 4: Personal Health Management • Other Groups TBD
12:00 p.m. – 1:00 p.m.	Lunch
1:00 p.m. – 2:00 p.m.	Bringing Plans Together and Getting New Ideas (Transformative, Disruptive, Paradigm Shifts)
2:00 p.m. – 2:30 p.m.	Bringing Plans Together and Getting New Ideas (Transformative, Disruptive, Paradigm Shifts) Refining Models/Pilots for Access

	<ul style="list-style-type: none"> • Group 1: Precision Diagnostics for Prevention and Treatment • Group 2: Targeted Therapies in Hospital • Group 3: Rare Diseases from Diagnosis to Community Care • Group 4: Personal Health Management • Other Groups TBD
2:30 p.m. – 2:45 p.m.	Networking Break
2:45 p.m. – 3:30 p.m.	Designing A System to Optimize Access: Incremental, Pilots, Transformative Shifts
3:30 p.m. – 4:00 p.m.	Next Steps