



## Advancing Innovation: Envisioning Precision and Personalized Health in Canada





#### PLEASE DO THE FOLLOWING:

UNIVERSITY OF CALGARY

In the next 5 minutes



Sit with someone you don't know!

Scan the QR Code and answer the question!

Consider
Precision
Health in your
organization!

3.

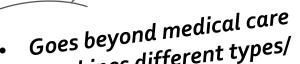
Mentimeter
Please enter the code

What words come to mind when you think of Precision or Personalized Health?





Components	Time
Introductions	5 min
What is precision health?	15 min
Interactive Sessions	
Part 1: Current State Analysis	25 min
• Part 2: How do we move forward?	25 min
What's next?	10 min



Combines different types/ sources of data



### Individualized treatments based on:

- Unique characteristics
- **Environment**
- Genomic data
- Proteomic data
- Metabolomic data

**Precision** Health

Precision Medicine

> **Personalized** Medicine

Precision **Public** Health

- Improves population health
- Uses bigdata and analytics

## **Evolving toward precision health ...**

Entirely
dependent on
clinical
judgement

INTUITIVE
MEDICINE

EVIDENCE-BASED MEDICINE

> Dependent on evidence from Randomized Controlled Clinical Trials

Individualized diagnosis and treatments through omics data utilization

PRECISION HEALTH

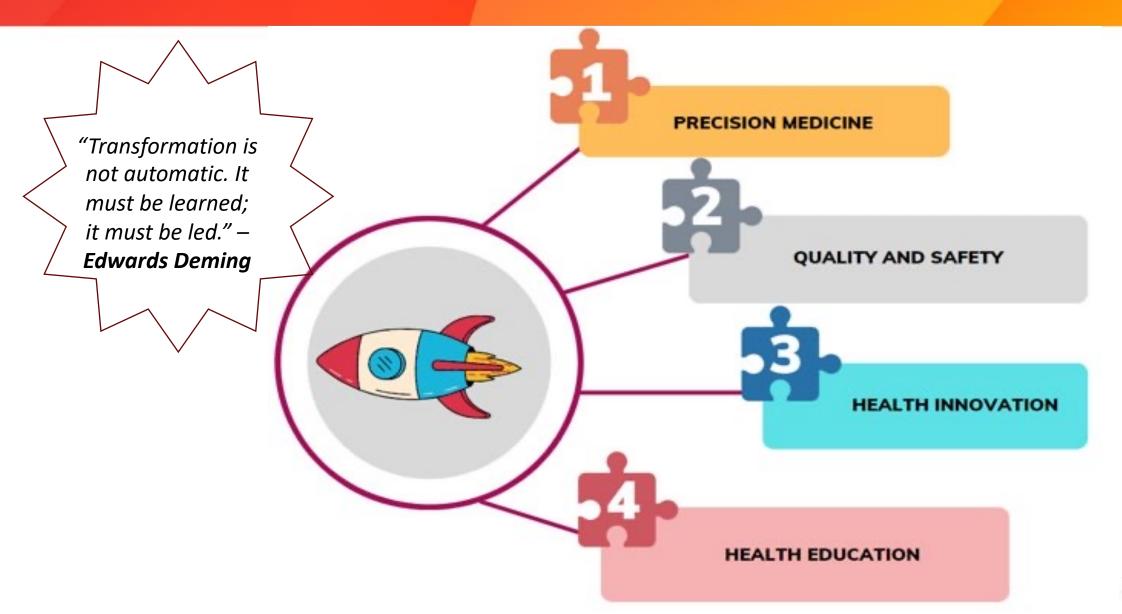
P4 MEDICINE







### Implications for Medicine, Quality & Safety, Health Innovation, and Health Education





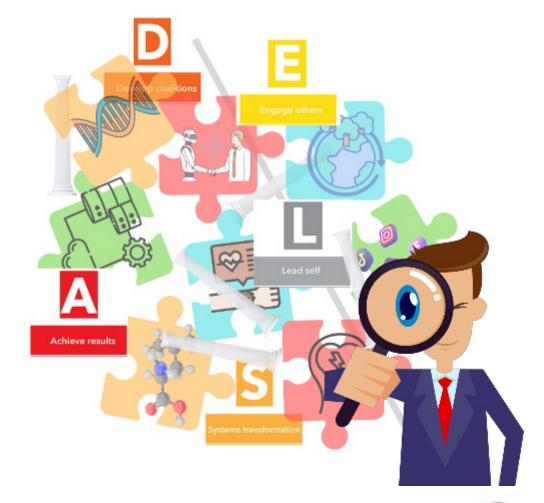
# Envisioning and Enacting Precision Health in Canada



## **Activity 1. Current State Analysis (25 min)**

In your groups, please discuss the current state in your <u>organization</u> and/or <u>province</u> in relation to Precision Health and

- 1. Precision Medicine
- 2. Quality and Safety
- 3. Health Innovation
- 4. Health Education





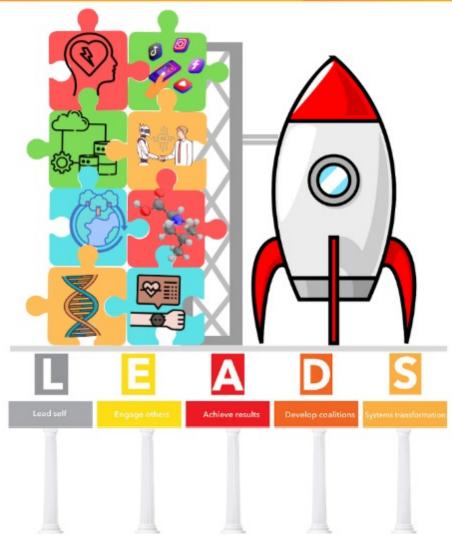
## Activity 1: What you were talking about ...

Tell us the top 2 ideas that emerged from your group discussions



## Activity 2. Moving towards the future (25 min)

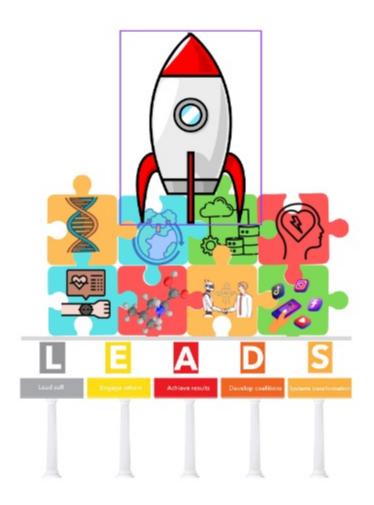
How will you advance your <a href="mailto:organization">organization</a> / province toward a future where Precision Health is (more) central to healthcare delivery?





## Activity 2: What you were talking about ...

• Tell us the top 2 ideas that emerged from your group discussions







University of Calgary,
Precision Health
Program

Thank you for joining us today!



