- **Presenters:**
  - **Dr. Rachel Bevan** – Physician, London FHT, Peer Leader
  - **Gina Palmese** - Manager, Physician Engagement, OntarioMD

- **Relationships with commercial interests:**
  - No relationship with commercial interests

Disclosure of Commercial Support

- This program has not received financial support or in-kind support from any organization

- **Potential for conflict(s) of interest:**

  - Dr. Rachel Bevan and Gina Palmese have not received payment or funding from any organization supporting this program AND/OR organization whose product(s) are being discussed in this program.

- There are no potential sources of bias.

"The costs of managing chronic diseases currently accounts for 58% of all healthcare spending in Canada and are estimated at $68 billion annually and growing." *(HEALTHCARE PRIORITIES IN CANADA: A BACKGROUNDER , 2014)*

Are you optimizing EMR use to positively impact patient care?

Why should you care?

Where do you begin?

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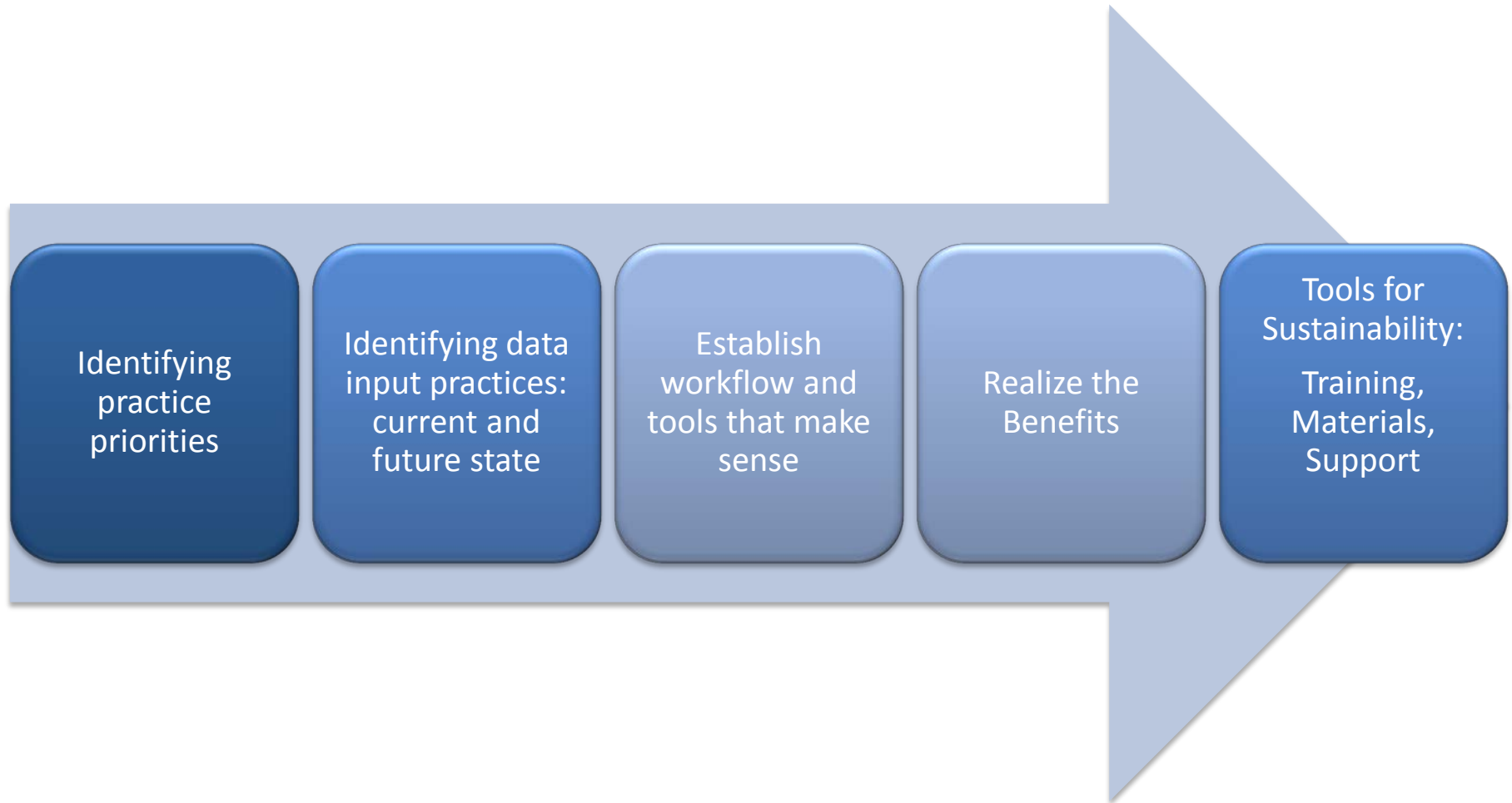
The Realties of Data Quality

"Wow.. Garbage in really does mean garbage out, look at this mess!"

Where to Begin: Deeper Dive into Practice Improvement

Identifying practice priorities → Identifying data input practices: current and future state → Establish workflow and tools that make sense → Realize the Benefits → Tools for Sustainability: Training, Materials, Support

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Identifying Practice Priorities

Measurement is the first step that leads to control and eventually to improvement. If you can't measure something you cant understand it. If you cant understand it, you cant control it. If you can't control it, you can't improve it.

~H. James Harrington

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Identifying Data Input Practices

How are you capturing data today?

Did you know…

701 ways to enter "**Diabetes**"

670 ways to enter "**Hypertension**"

285 ways to enter "**Depression**"

302 ways to enter **"COPD"**

(Adapted from CIHI)

How is this possible???

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What do we standardize data input?

Which indicators do we use?

Ones that are evidence-based!
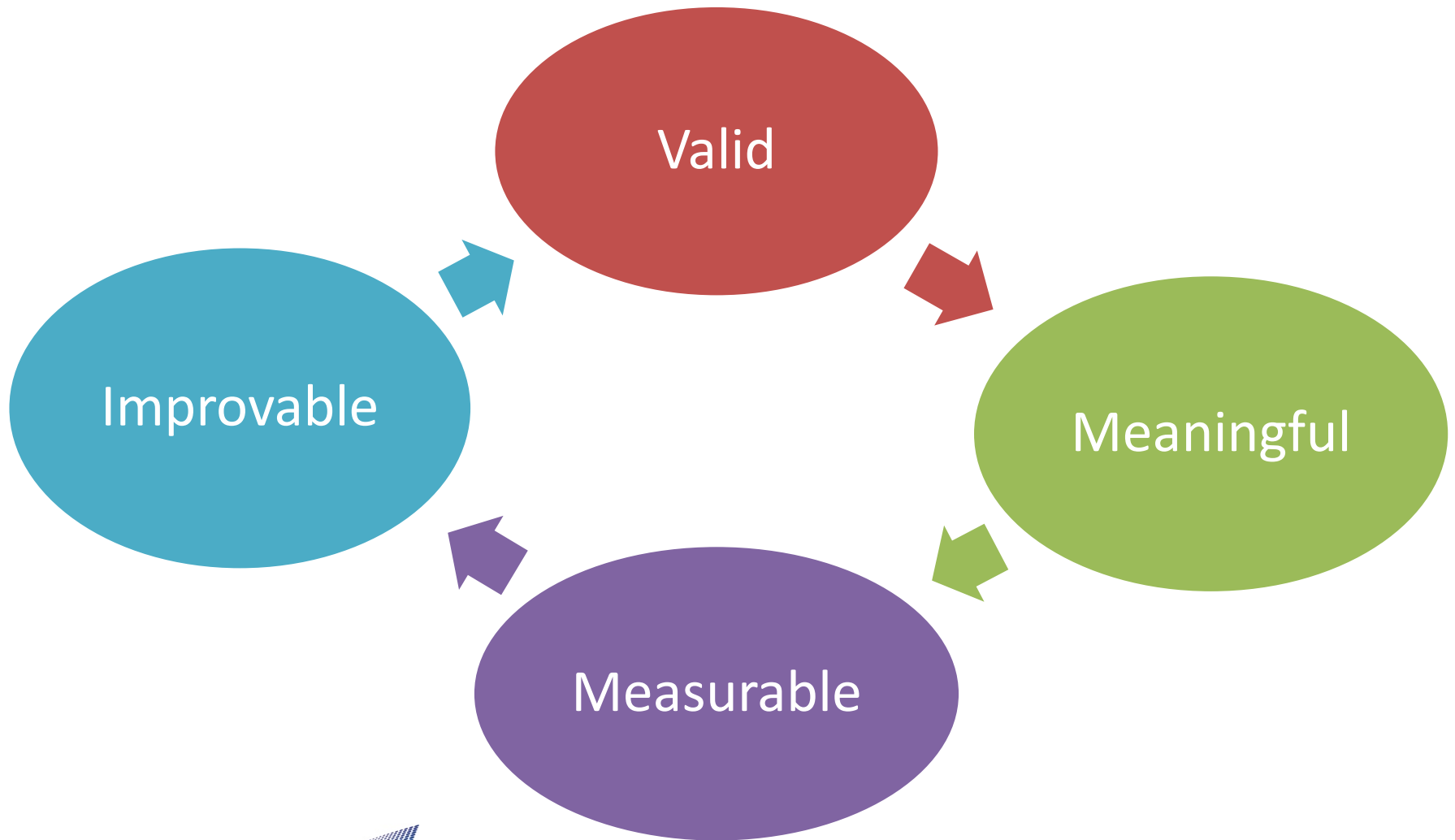
Establish Current State of Data Input

Medical Condition	Measure	Population & Panel Size	Current State of Data Entry for Panel	Possible Actual Current State for Panel
Diabetes	Identified Diabetes population	2000 (100)	5% identified	10 % (provincial average)

EMR Data Fitness Quality Dimensions

✓ Completeness

✓ Correctness

✓ Concordance
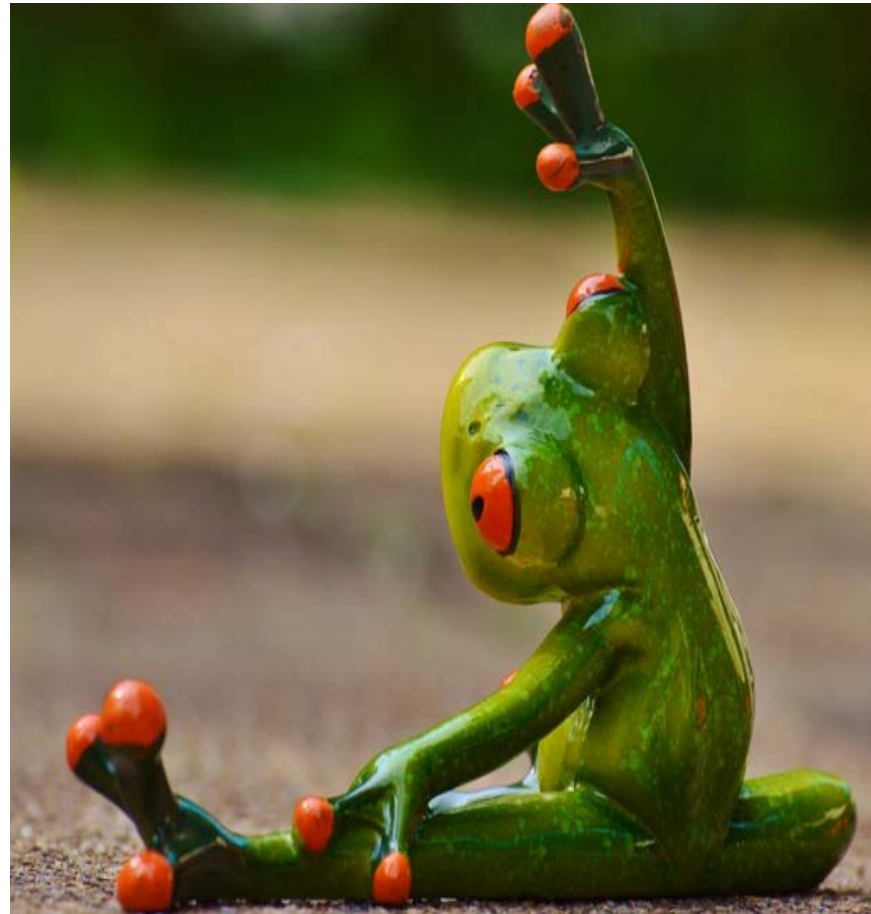
"Defining and Evaluating Electronic Medical Record Data within the Canadian Context" Electronic Healthcare Vol.11 N.1, 2012

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Why should you care?

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Patient Benefits

Improved screening

More organized care

Access to current and accurate data

Improved patient safety

Physician Benefits

Improved financial incentives

Improved screening

Improved experience as a clinician

Reliable patient panel(s)

Ability to work smarter, not harder

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Health System Benefits
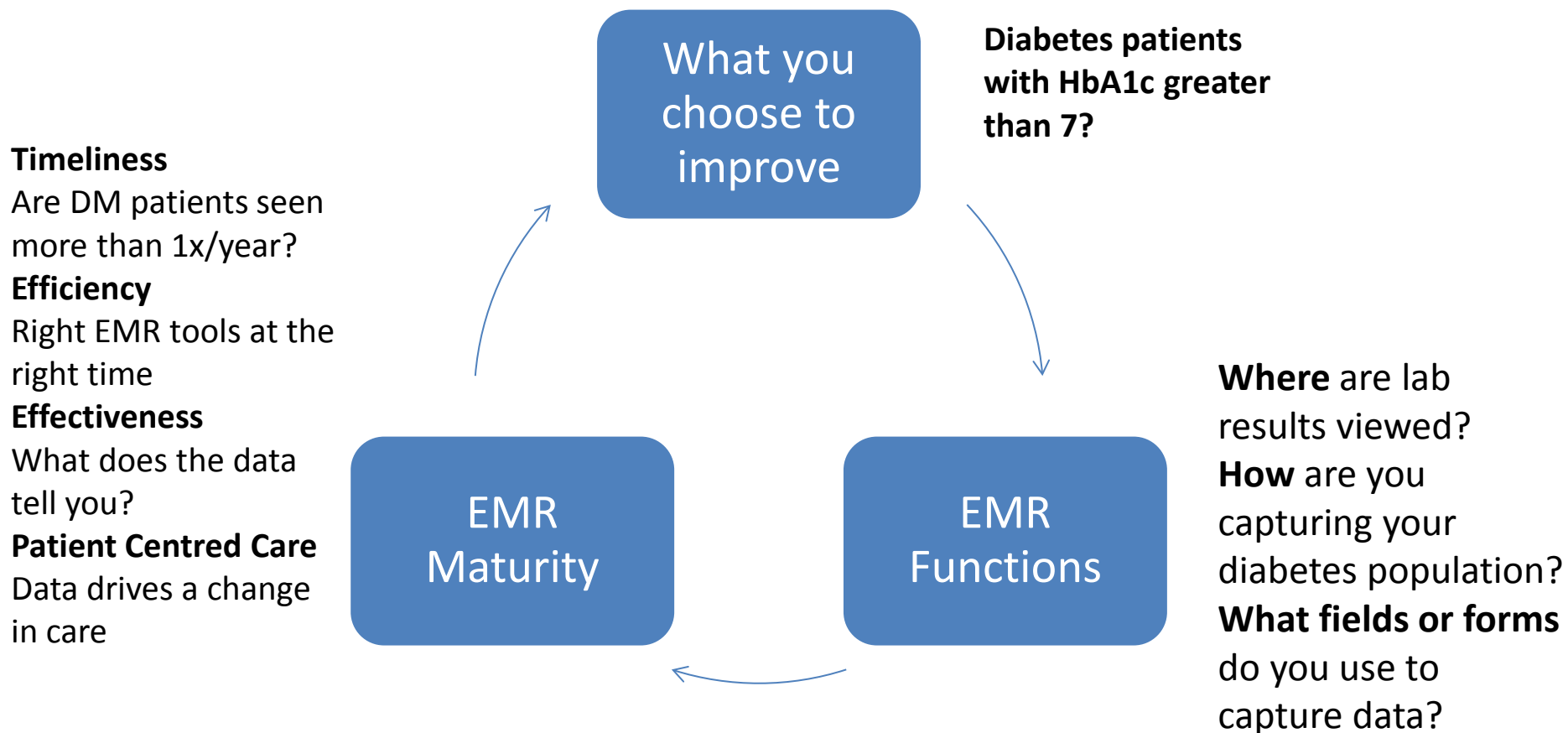
See improvements in health outcomes

Be ready for future healthcare changes

Be ready for aging populations

Improved screening

Where do you begin?

Technology is Part of Practice Improvement

Timeliness
Are DM patients seen more than 1x/year?
Efficiency
Right EMR tools at the right time
Effectiveness
What does the data tell you?
Patient Centred Care
Data drives a change in care

What you choose to improve

Diabetes patients with HbA1c greater than 7?

EMR Maturity

EMR Functions

Where are lab results viewed?
How are you capturing your diabetes population?
What fields or forms do you use to capture data?

Often when we talk about data standardization or anything related to EMR, health care providers feel like this:

https://www.youtube.com/watch?v=pQHX-SjgQvQ

Just Dive In

Who Can Help…

Peer Leaders

Vendor support

Peer networks

Communities of Practice

User groups

And…..

OntarioMD EMR Practice Enhancement Program (EPEP)

Practice Enhancement Consultants:

- Hands on support in analyzing EMR practice workflow to improve data quality
- Moving from data entry to using information at the point of care
- Harnessing the EMR's capacity to provide improved patient care and practice efficiency
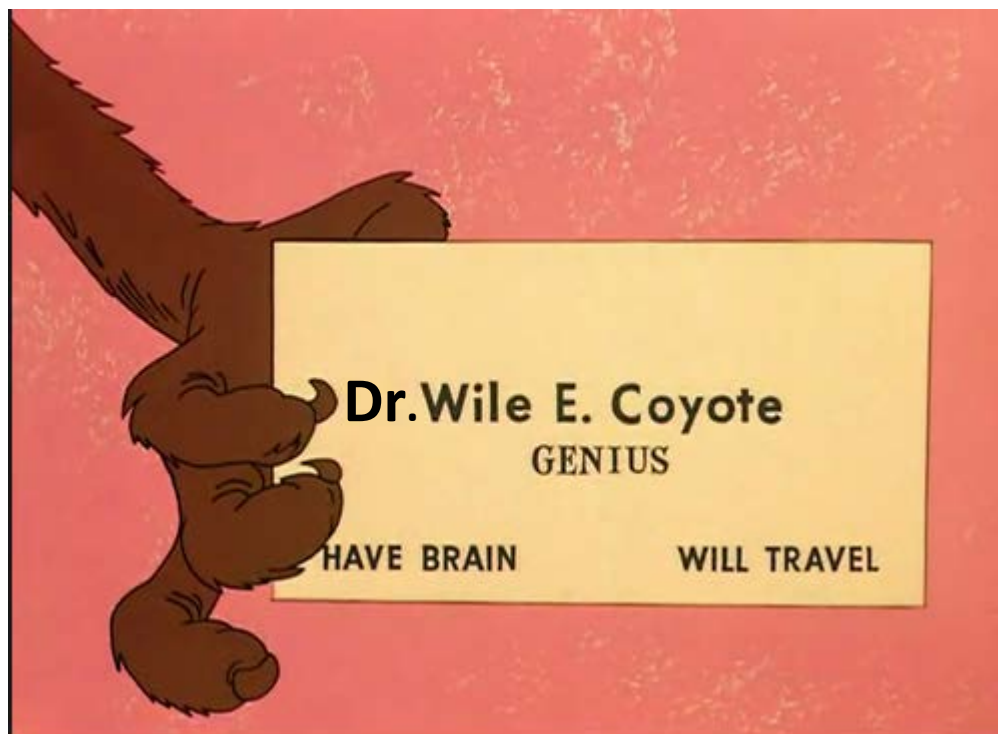
Benefits:

- Save valuable time and resources
- Timely access to information at the point of care
- Improve practice efficiency
- Improve clinical efficiency & decision support
- Improve patient care
- Main Pro C credit

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Realizing the Power of Electronic Medical Records

You don't have to work on EMR optimization alone

Work on practice priorities that are meaningful to you

Data Quality is Critical

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Questions?

The views expressed in this publication are the views of OntarioMD and do not necessarily reflect those of the Province.