

HIV Testing Data Demonstrates CME Efficacy: **Learning that Promotes Practice Improvement**

Family Medicine Forum, Vancouver

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- No conflict of interest to disclose



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**previously Seek and Treat to Optimally Prevent HIV/AIDS (STOP HIV/AIDS)*



Overview

1. Change in HIV testing recommendations in Vancouver
2. Design education that achieves actual practice improvement
3. Development of interactive, *action*-oriented workshops
4. Measure impact using quantitative and qualitative data

The Initiative and the Recommendation

- **HIV Testing Initiative in Family Practice**
- **Change in recommendations for routine HIV testing in Vancouver**

HIV Testing Recommendations

Offer an HIV test to all adults who have not had one in the past year



How to support a change in practice?

- Education that achieves knowledge translation *and* practice improvement is a common goal of CME

However,

- We know any practice change is challenging
- Practitioners do not always adopt new guidelines
(Cabana et al., 1999)
- HIV continues to be stigmatized, HIV testing not uncontroversial





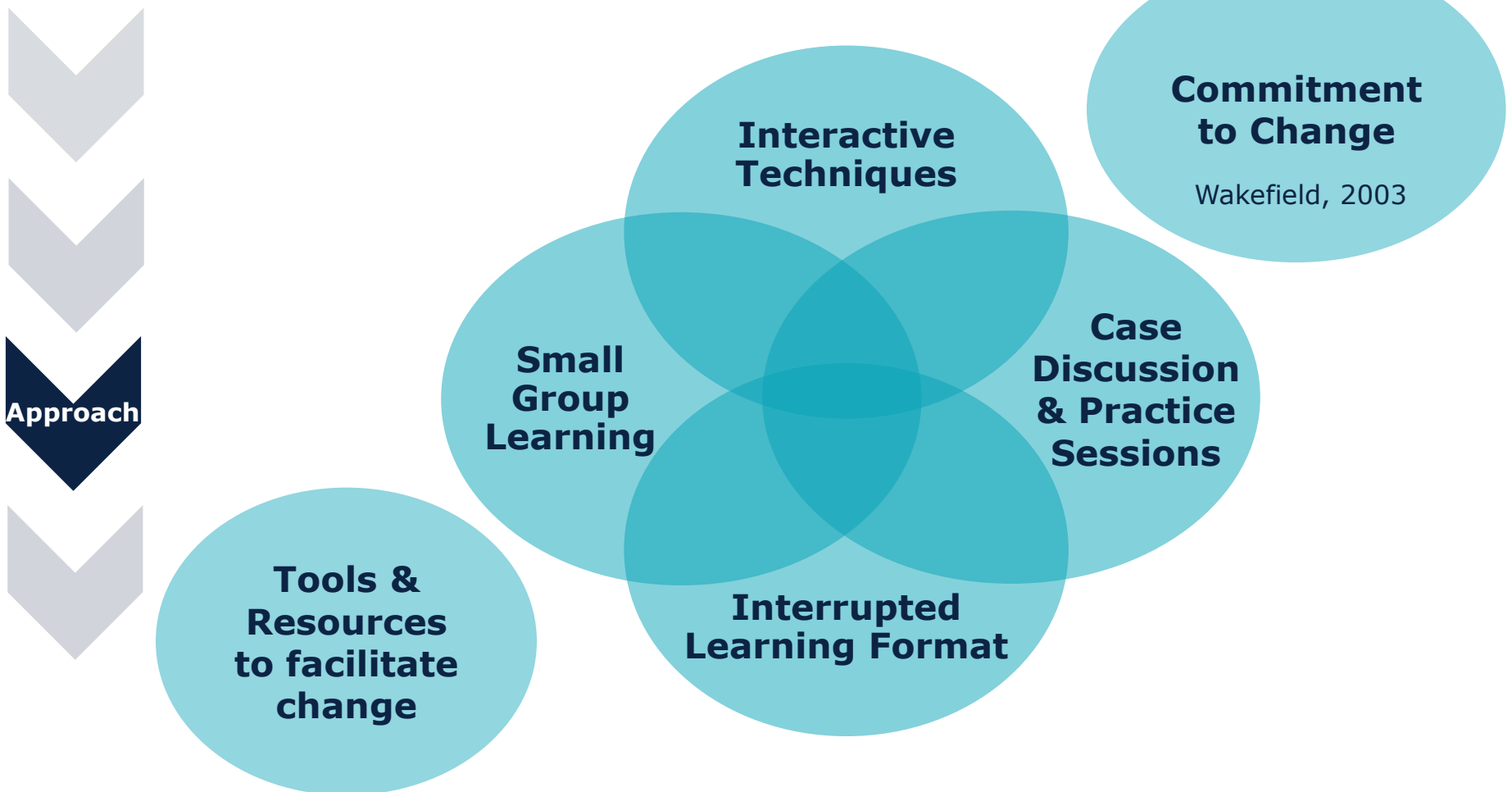
Needs Assessment and Consultation

- Consultation with family physicians and key stakeholders
- Identified current and ideal state, performed a gap analysis
- Worked with the health authority to ensure system level supports in place

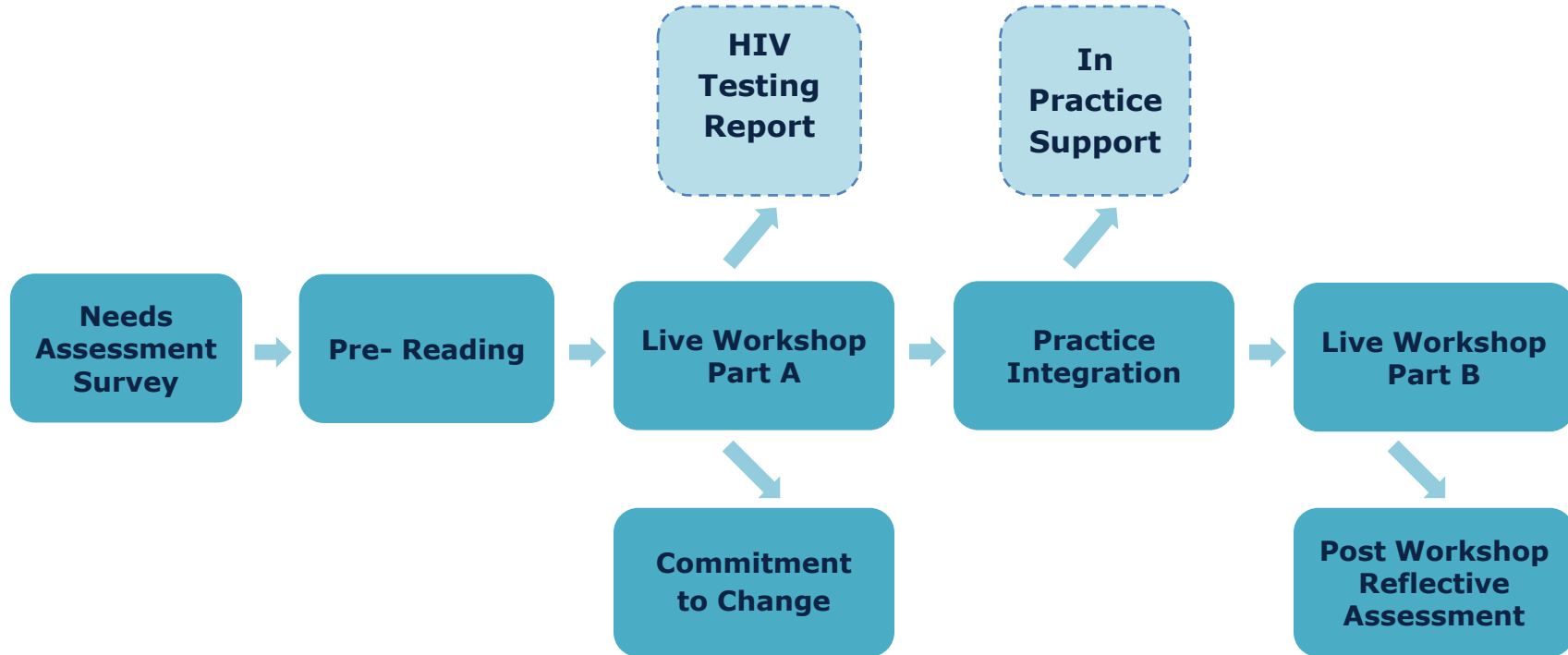
A vertical graphic on the left side of the slide consisting of five downward-pointing chevrons. The middle chevron is dark blue and contains the word 'Approach' in white text, while the other four chevrons are light gray.

Approach

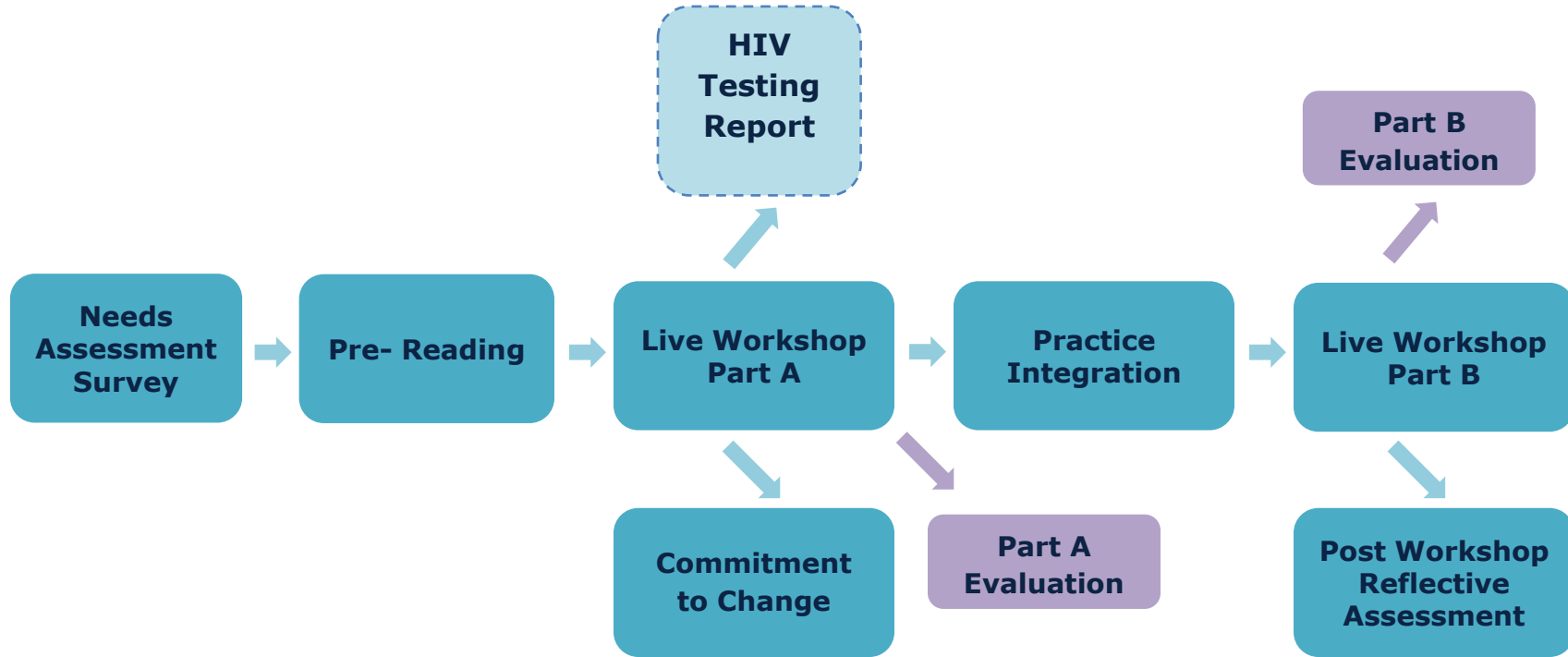
Education that supports practice improvement



Interactive, action-oriented workshops



Interactive, action-oriented workshops



→ 4 Two-part workshops
→ 74 participants



Knowledge Acquisition



Workshop	Learning Objectives	Strongly Agree [5] & Agree [4]
Part A	<ul style="list-style-type: none"> Consider clinical rationale and evidence for routine HIV testing, early treatment and treatment-as-prevention 	98%
	<ul style="list-style-type: none"> Interpret HIV testing recommendations from public health 	95%
	<ul style="list-style-type: none"> Identify and employ resources to facilitate routine HIV testing 	95%
	<ul style="list-style-type: none"> Design a plan for integration and evaluation of routine HIV testing in your practice 	89%
Part B	<ul style="list-style-type: none"> Identify and employ resources to facilitate connecting HIV positive patients to care 	98%
	<ul style="list-style-type: none"> Self-appraise and reflect upon routine HIV testing in your practice 	98%

Intent to Increase HIV Testing Following Part A Workshop

71% of respondents planned increase routine HIV testing following the workshop
(14% were already testing routinely, 6% not practicing)

[I will] implement **more HIV screening in a wider group** than I have previously, try to **use our newly set-up EMR** to do this.

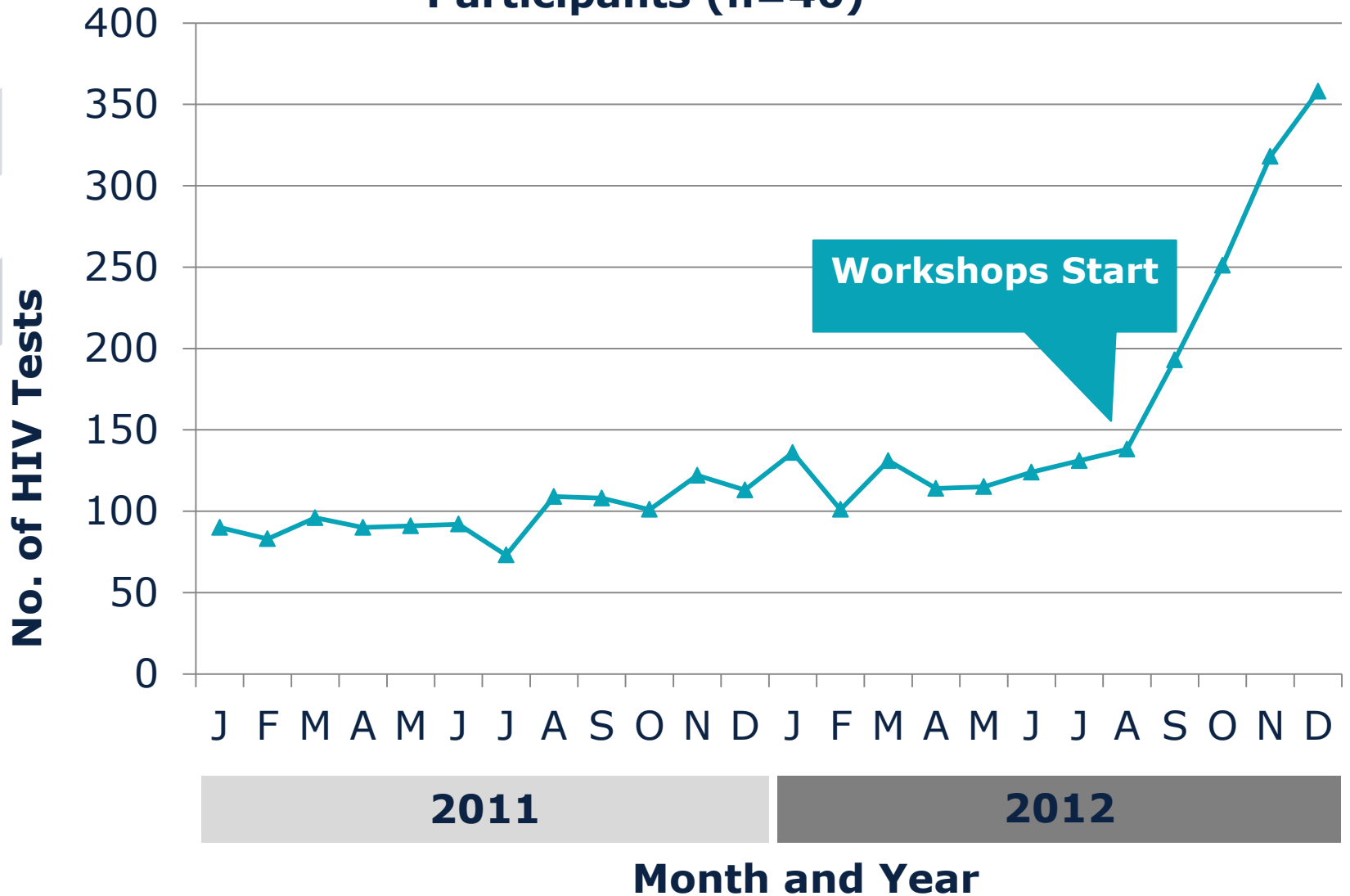
– Workshop A participant



Impact



Total HIV Tests Ordered by Workshop Participants (n=46)



No. of HIV Tests

Impact

2011

2012

Month and Year




Average Monthly HIV Tests Ordered by Workshop Participants

	Mean	SD	<i>t</i>	df	<i>p</i>
Pre-workshop	1.83	2.03	4.119	45	<0.001
Post-workshop	5.59	6.79			



Impact

The Workshop: What was most effective?



Role playing - we think we are better at handling such discussion than we really are so it's important to actually to do it.


Breaking into **small group** (more comfortable to ask Qs).

Reviewing what worked for other clinicians - how they increased testing, **group discussions.**

Presenting **information/resources** when positive HIV results, we as GP, **feel more supported.**



How did participants increase testing?



Pleasantly surprised- ordering testing as part of now recognized "**routine**" format with **NO rejection**. Likely as these are my regular patients :)

Improving public knowledge of these issues, helping to **decrease stigma** of HIV testing and feel I am doing my patients a collective service.

It [the workshop] has **eased my anxiety** about **breaking the news** to my patients.

I have been **ordering more** HIV testing, the **workshop contributed most to my success**.



What did we learn?

- Interactive two-part workshops supported practice improvement
- The outcome confirmed CME literature on the factors that support practice change
- Demonstrated routine HIV testing is feasible in family practice

Total HIV Tests Ordered by Workshop Participants (n=46)



Impact



What's next?

- Support and analyze maintenance of learners' practice change
e.g. recent 'This Changed My Practice' article
- Expand education to other areas of BC
- Provincial guidelines are being developed



Questions?

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