## An application of Kolb's experiential learning theory to teaching Al scribe technology to healthcare practitioners

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## The Problem

Primary care access crisis —> physician burnout

Al scribe technology

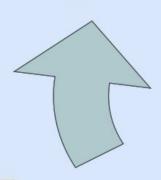
 Slow uptake —> up to one-third wishing there was more education for implementation (Centre for Digital Health Evaluation, 2024). (doing)

(thinking)

Active Experimentation

Concrete Experience

(feeling)



Abstract Conceptualization



Reflective Observation

(watching)

Kolb, A. Y. & Kolb, D. A. (2017)

## Objectives

- Understand how recognition of learners' preferences with respect to entry into Kolb's cycle of experiential learning may enhance effective learning engagement
- Utilize this recognition to describe a model for AI scribe technology education to primary care providers

## References

- 1. Adler-Milstein, J., Zhao, W., Willard-Grace, R., Knox, M, & Grumbach, K. (2020) *Electronic health records and burnout: Time spent on the electronic health record after hours and message volume associated with exhaustion but not with cynicism among primary care clinicians*. J Am Med Inform Assoc. 2020 Apr 1;27(4):531-538.
- 2. Centre for Digital Health Evaluation Women's College Hospital (2024) *Clinical Evaluation of Artificial Intelligence and Automation Technology to Reduce Administrative Burden in Primary Care*. Accessed at: <a href="https://www.ontariomd.ca/documents/ai%20scribe/ai%20scribe%20evaluation\_final%20report\_vf.pdf">https://www.ontariomd.ca/documents/ai%20scribe/ai%20scribe%20evaluation\_final%20report\_vf.pdf</a>
- 3. Kolb, A. Y. & Kolb, D. A. (2017) Experiential Learning Theory as a Guide for Experiential Educators in Higher Education, Experiential Learning & Teaching in Higher Education: Vol. 1: No. 1, Article 7.

Accessed at: <a href="https://nsuworks.nova.edu/elthe/vol1/iss1/7">https://nsuworks.nova.edu/elthe/vol1/iss1/7</a>