Showcase for Hopkins Inquiry and Nursing Excellence

SHINE

Conference **2023**

Three Forms of Inquiry

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JOHNS HOPKINS NURSING

Nursing Strategic Initiatives and Goals and JHM Strategic Priorities

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[Nursing Strategic Initiatives and Goals]

[John Hopkins Medicine Strategic Plan Innovation 2023]

Objectives

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- Describe the core components of EBP, QI and research
- Explain the similarities and differences among the 3 forms of inquiry and when to use them
- Identify the correct type of inquiry for given project examples

The Three Forms of Inquiry

What are the three forms of nursing inquiry?

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Nursing Research

Quality Improvement

Evidence-Based Practice

The Three Forms of Nursing Inquiry

Definitions

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- Evidence-Based Practice (EBP) is a problem-solving approach to clinical decision-making within a healthcare organization. EBP integrates the best available scientific evidence with the best available experiential (patient and practitioner) evidence.
- Quality Improvement (QI) is a process to improve healthcare services, systems, and processes at the local level (i.e. unit, department, organization) with the intent to improve outcomes.
- Research is a systematic investigation (quantitative, qualitative, or mixed-methods) designed to develop uncover, create, or contribute to new knowledge that can be generalized for broader application.

The Three Forms of Nursing Inquiry

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The Three Forms of Nursing Inquiry

Definitions

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Evidence-Based Practice: What does the evidence tell us?

Quality Improvement: We know what works, now let's make it work for us

Research: There is not enough evidence for us, so let's try something new and see if it works

The Three Forms of Nursing Inquiry

Definitions

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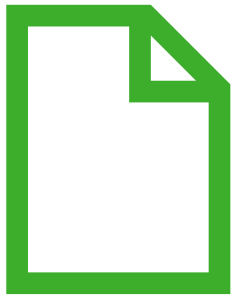
Evidence-Based Practice: KNOW

Quality Improvement: NOW

Research: NEW



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Definitions

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EBP	QI	Research
Synthesis of literature to generate best-evidence recommendations, translation to the practice setting	Continuous improvement on identified metrics	New knowledge

Evidence-Based Practice

Gathering what we KNOW

Why do we need EBP?

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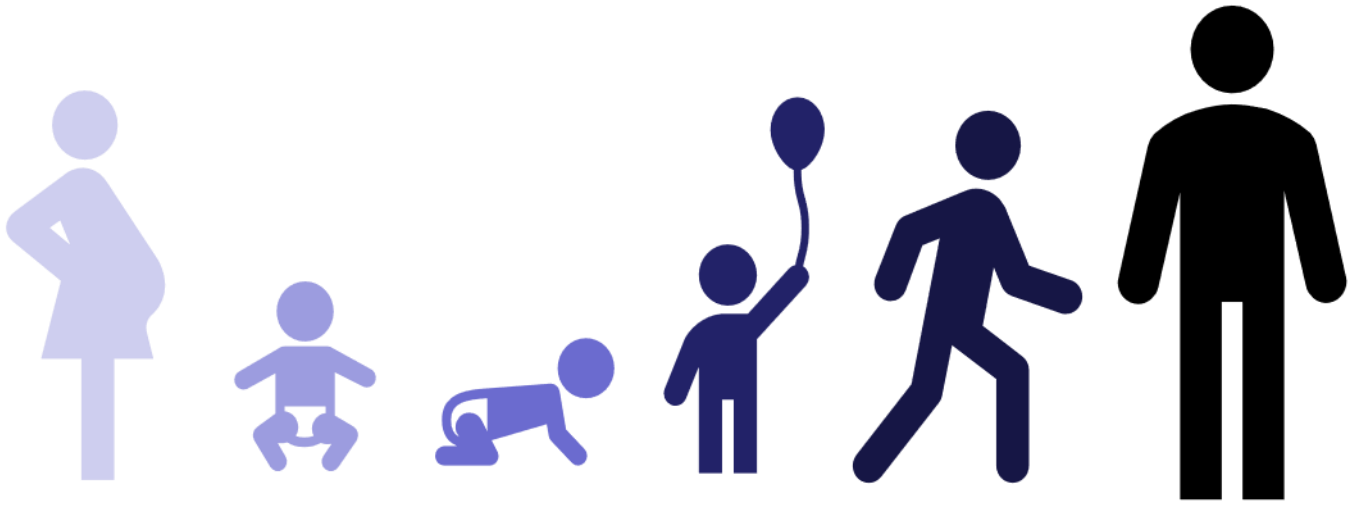
It takes 15-17 years to implement best evidence into daily clinical care (Balas, 2000; Khan, 2021)



Core Concepts: EBP Models

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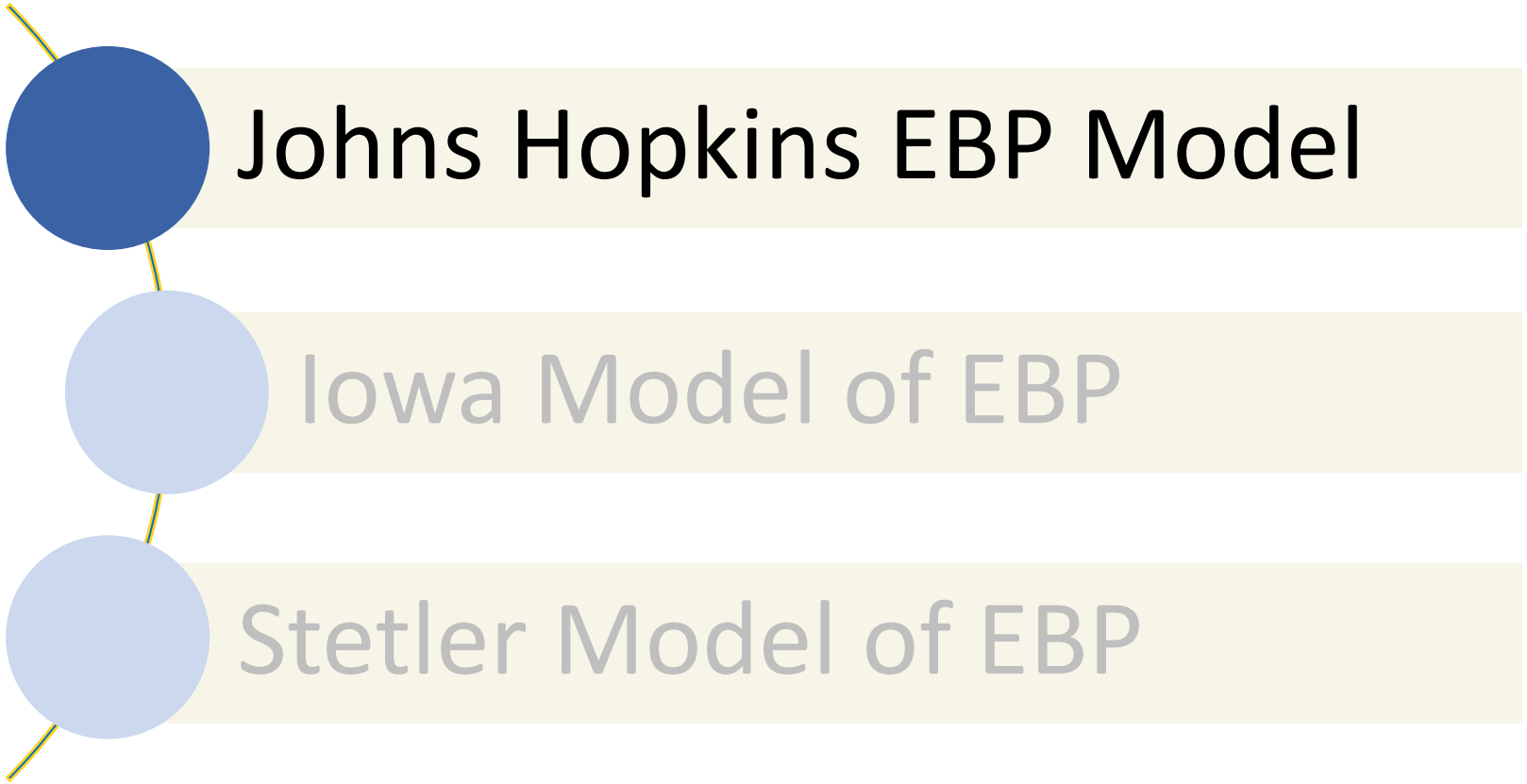

Speroni et al., 2020

Evidence-Based Practice

Models and Tools

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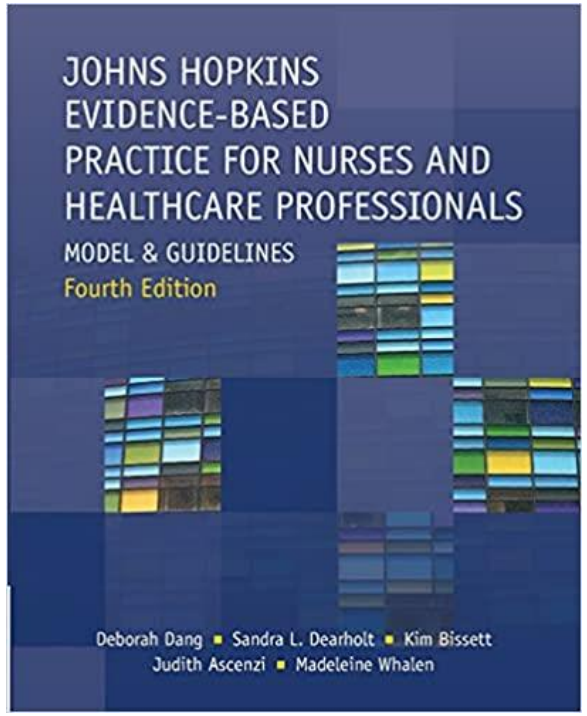
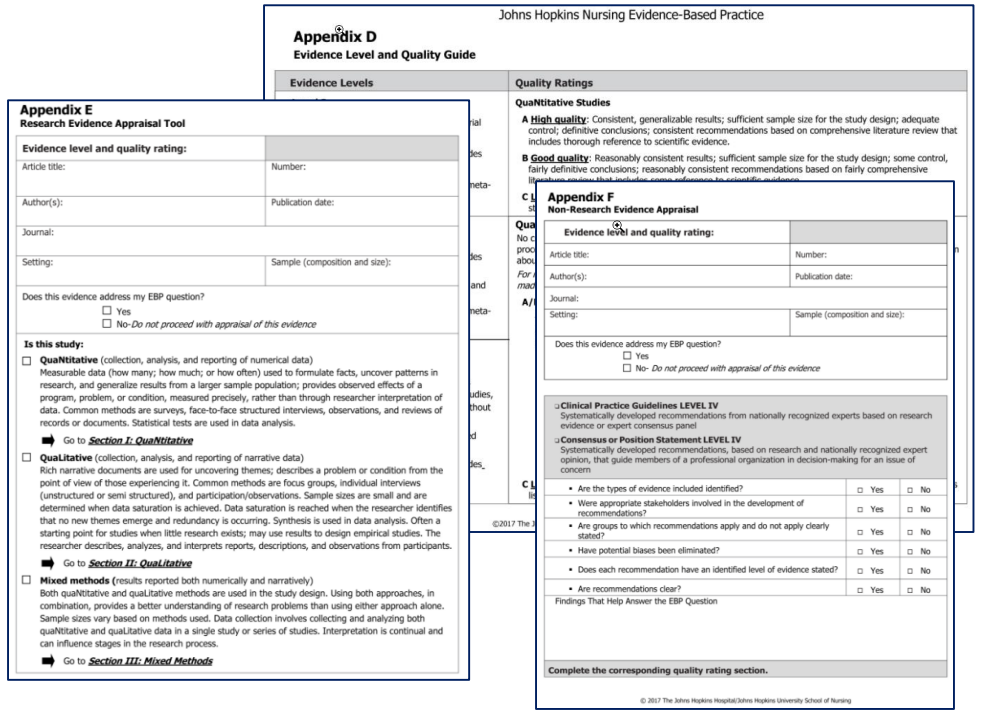
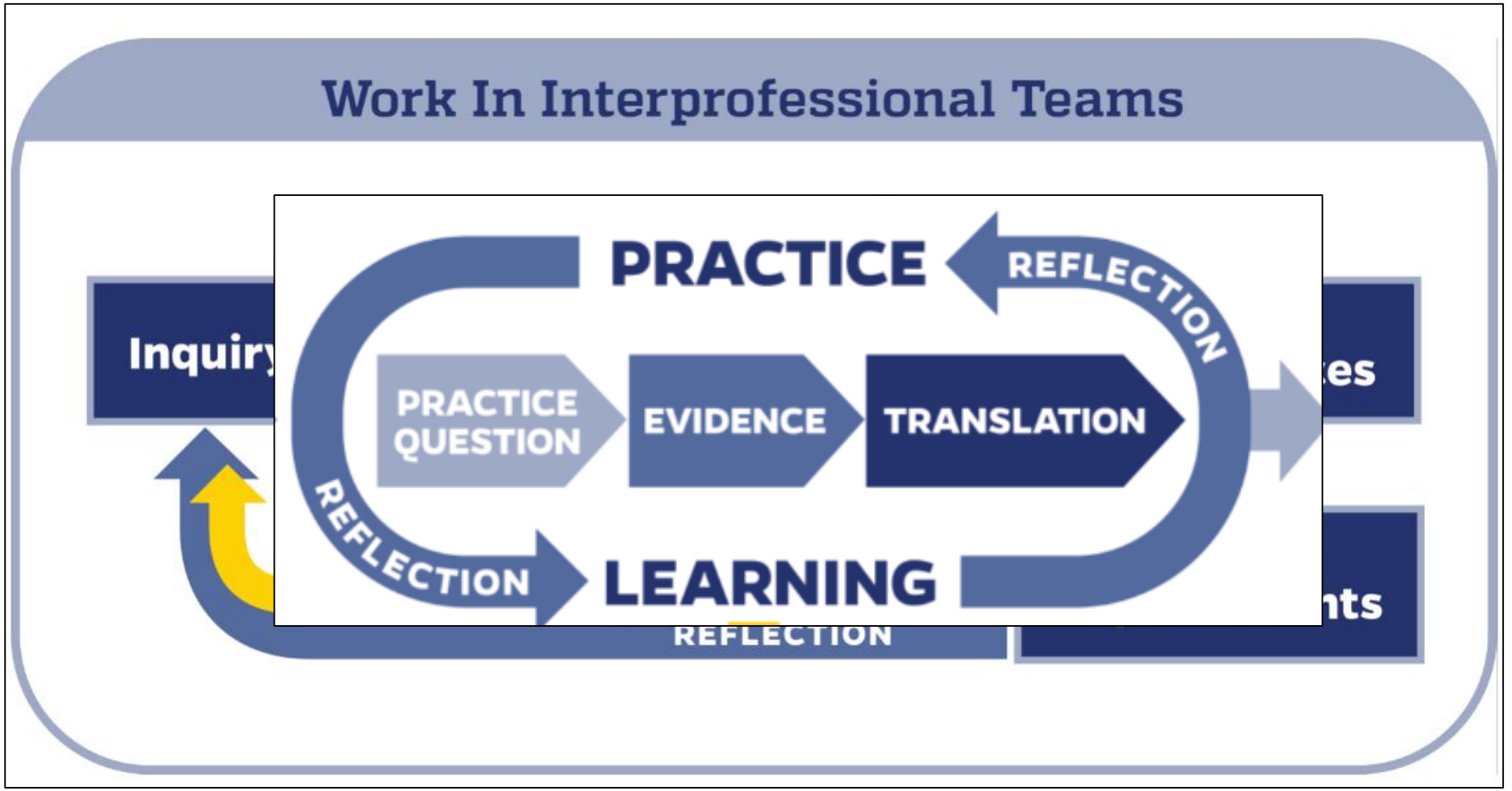
Johns Hopkins Evidence-Based Practice for Nurses and Healthcare Professionals: Model and Guidelines





Johns Hopkins EBP Model



The Johns Hopkins EBP Model

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Practice Question

- Step 1: Recruit interprofessional team
- Step 2: Determine responsibility for project leadership
- Step 3: Schedule team meetings
- Step 4 Clarify and descript the problem
- Step 5: Develop and refine the EBP question
- Step 6: Determine the need for an EBP project
- Step 7: Identify stakeholders

Evidence

- Step 8: Conduct internal and external search for evidence
- Step 9: Appraise the level and quality of each piece of evidence
- Step 10: Summarize the individual evidence
- Step 11: Synthesize findings
- Step 12: Develop best-evidence recommendations

Translation

- Step 13: Identify practice setting-specific recommendations
- Step 14: Create action plan
- Step 15: Secure support and resources to implement action plan
- Step 16: Implement action plan
- Step 17: If change is implemented, evaluate the outcomes to determine if improvements have been made
- Step 18: Report results to stakeholders
- Step 19: Identify next steps
- Step 20: Disseminate findings

Johns Hopkins EBP Model

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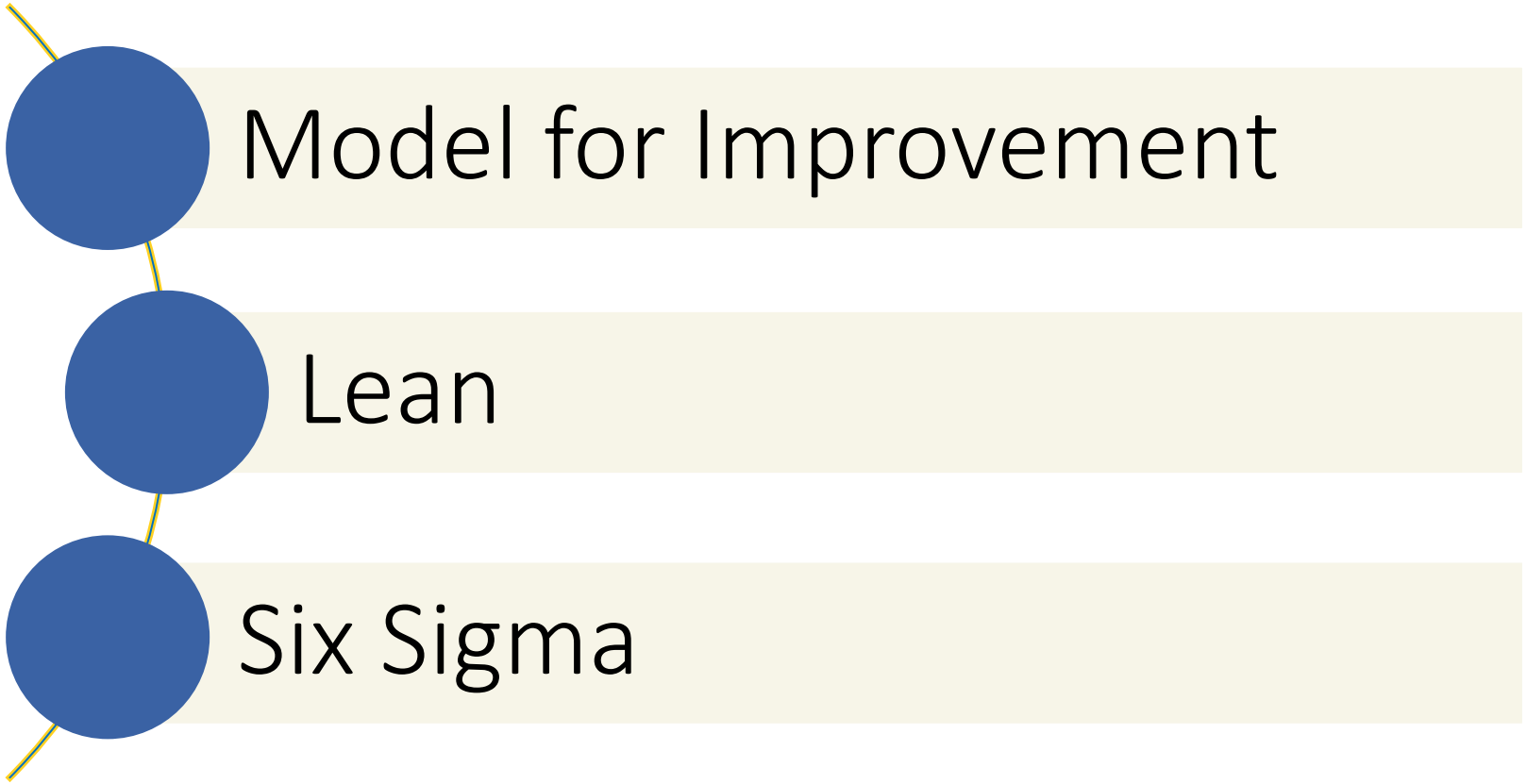
Appendix	A	PET Process Guide
Appendix	B	Question Development Tool
Appendix	C	Stakeholder Analysis and Communication Tool
Appendix	D	Hierarchy of Evidence Guide
Appendix	E	Research Evidence Appraisal Tool
Appendix	F	Non-research Evidence Appraisal Tool
Appendix	G	Individual Evidence Summary Tool
Appendix	H	Synthesis and Recommendations Tool
Appendix	I	Translation and Action Planning Tool
Appendix	J	Publication Guide

Quality Improvement

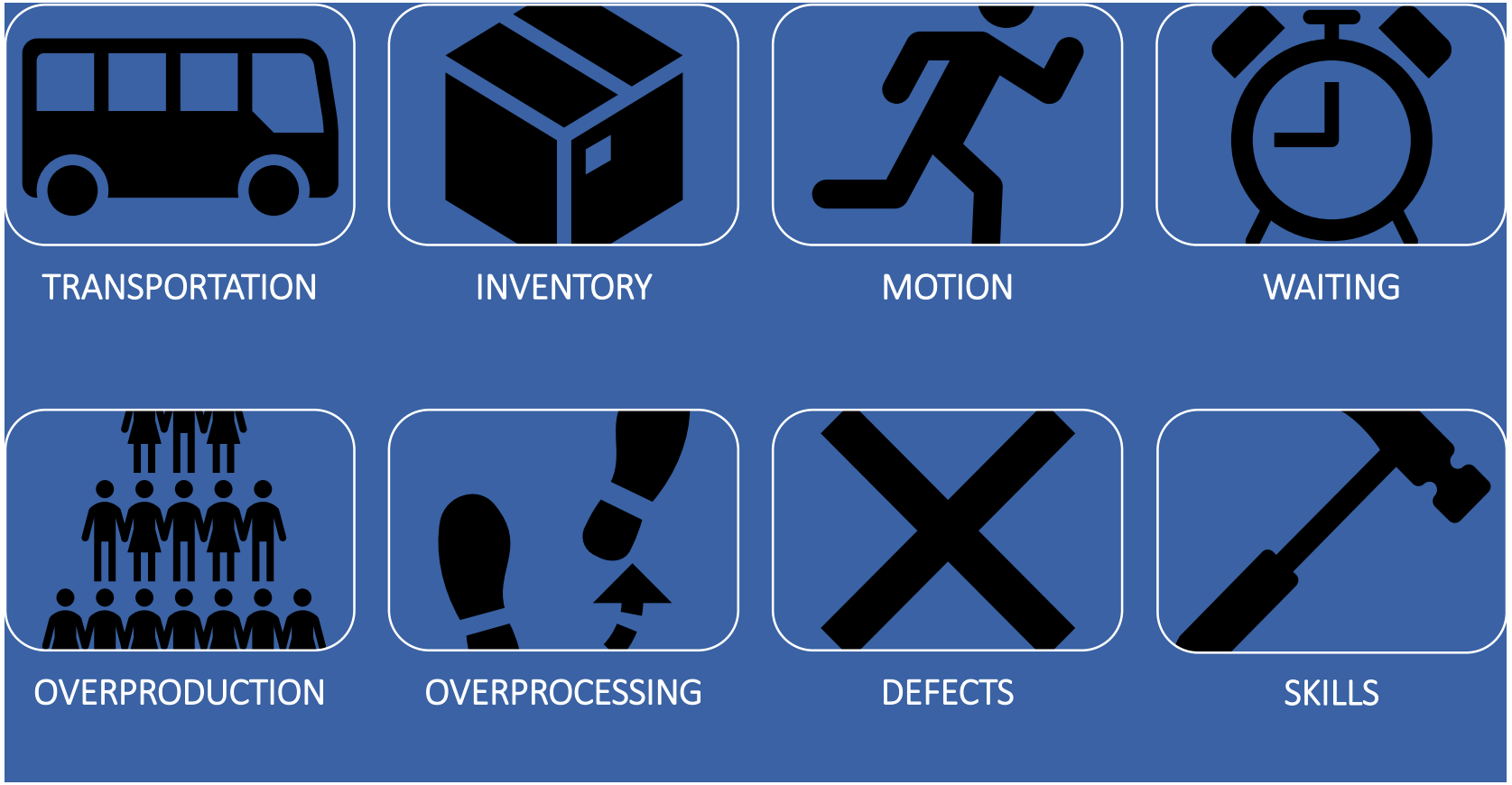
Applying best practices NOW

Quality Improvement - Models



Lean

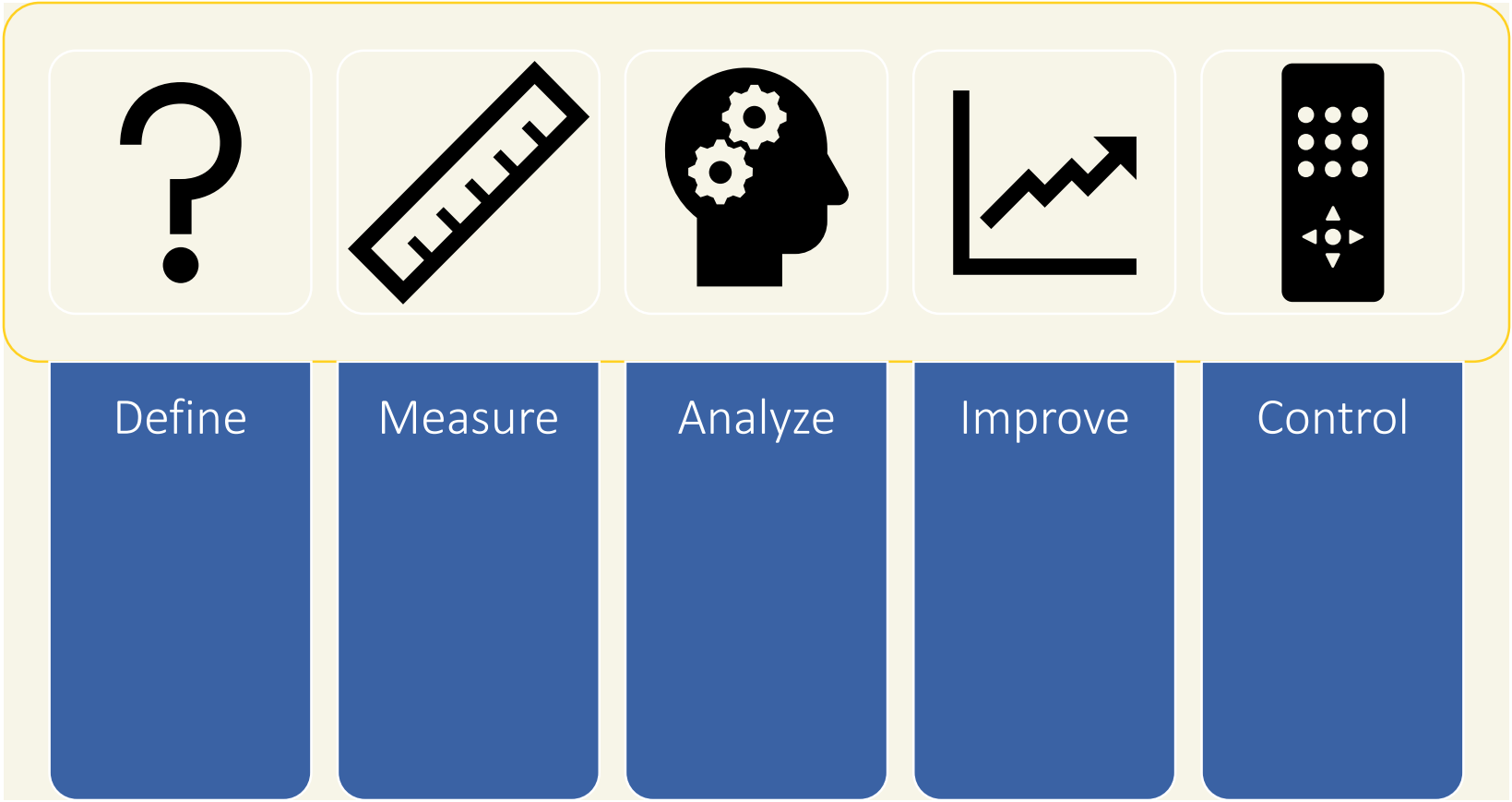
No Waste



- Bharsakade et al. (2021)

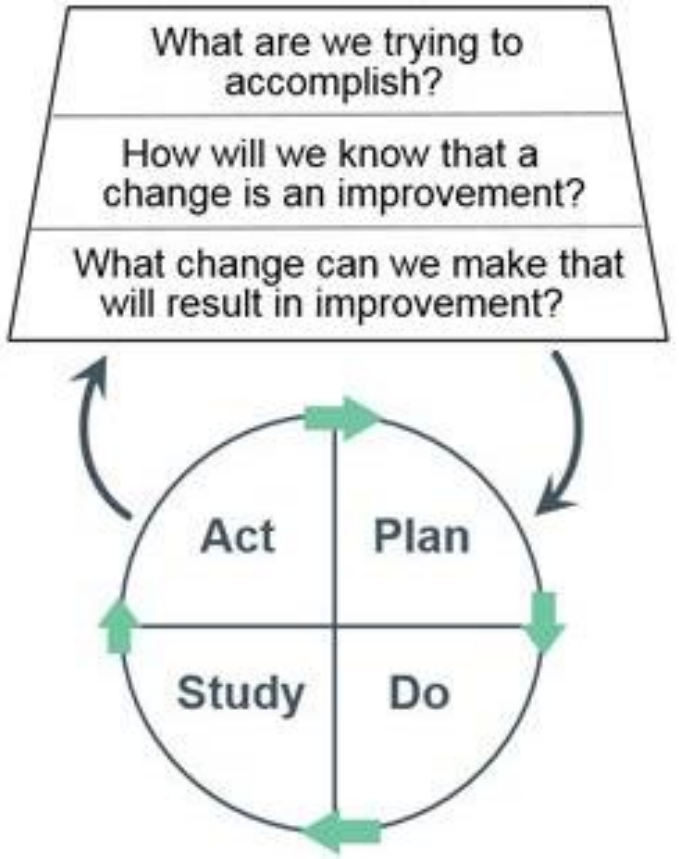
Six Sigma

No ERRORS



Lean Six Sigma

Model for Improvement



- Langley et al. (2009)

Model for Improvement

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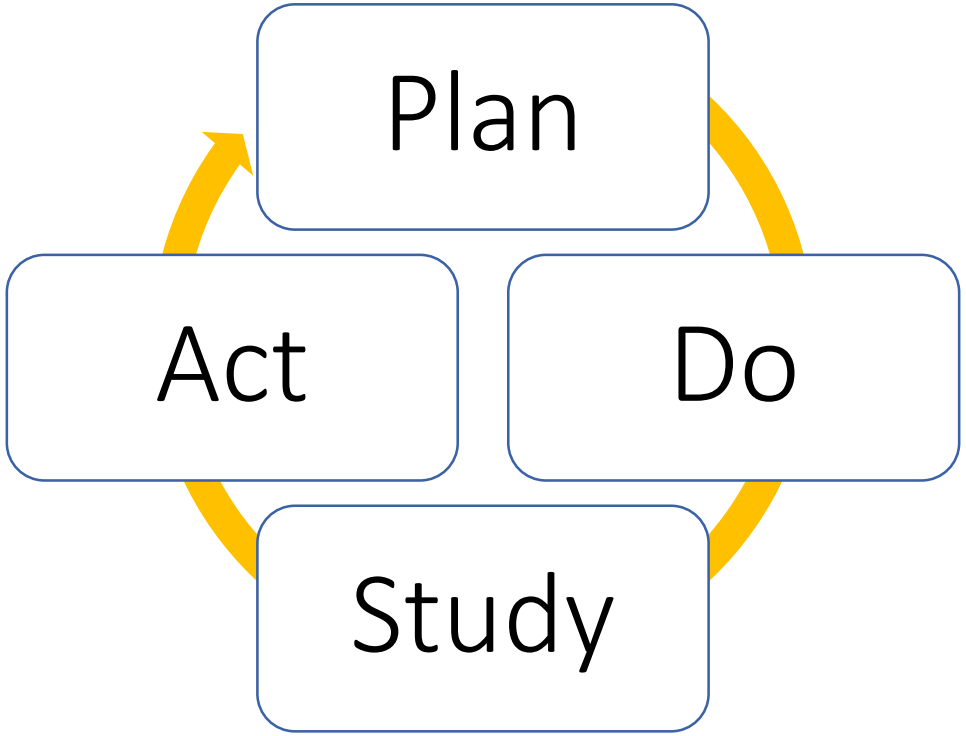
PHASE 1

- ☑ Set aims
- ☑ Establish Measures
- ☑ Select an intervention

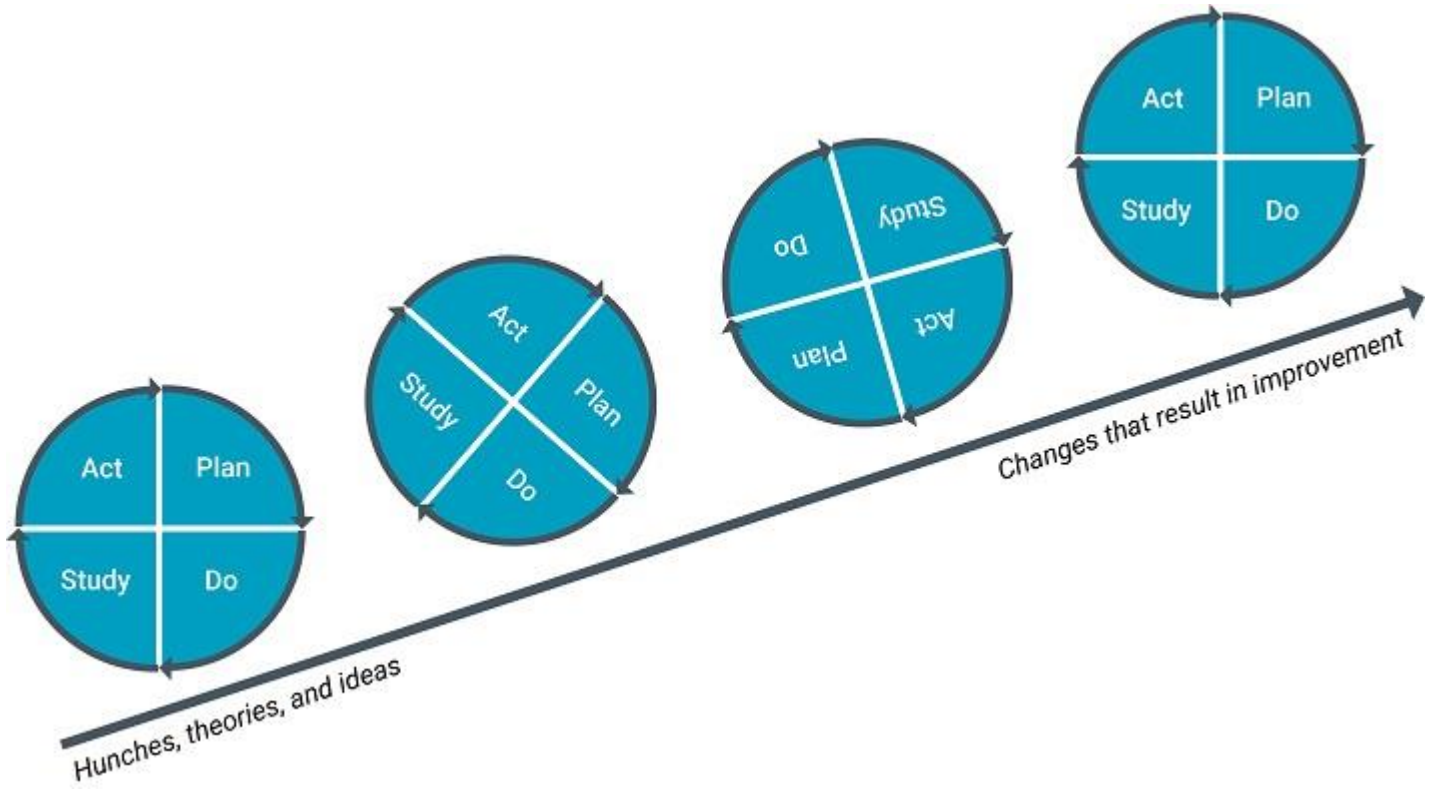
Model for Improvement

PHASE 2



Model for Improvement

PDSA cycle and repeat



Research

Generating something NEW

Research

Core Concepts

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- Quantitative
- Qualitative
- Mixed Methods

Quantitative Research

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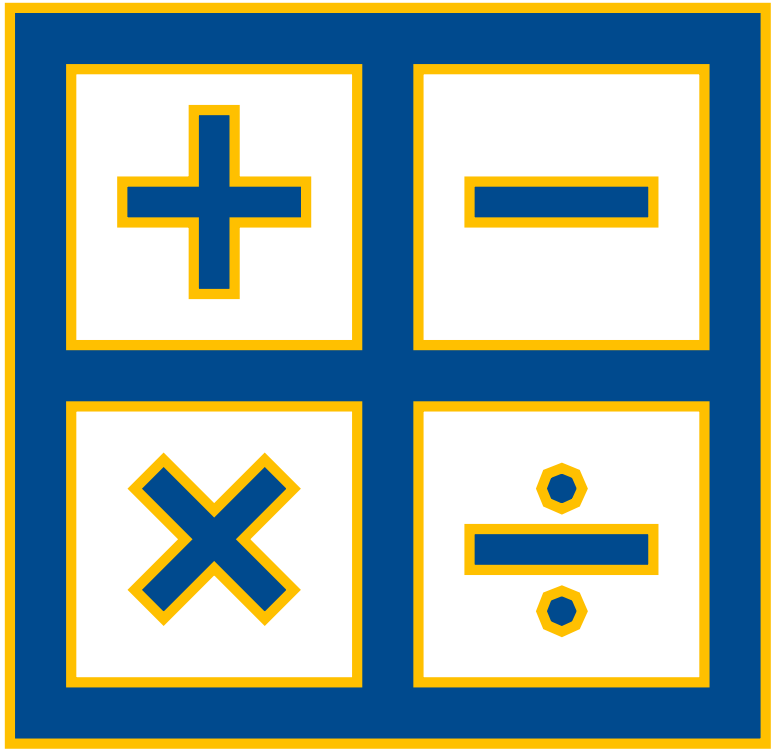

Qualitative Research

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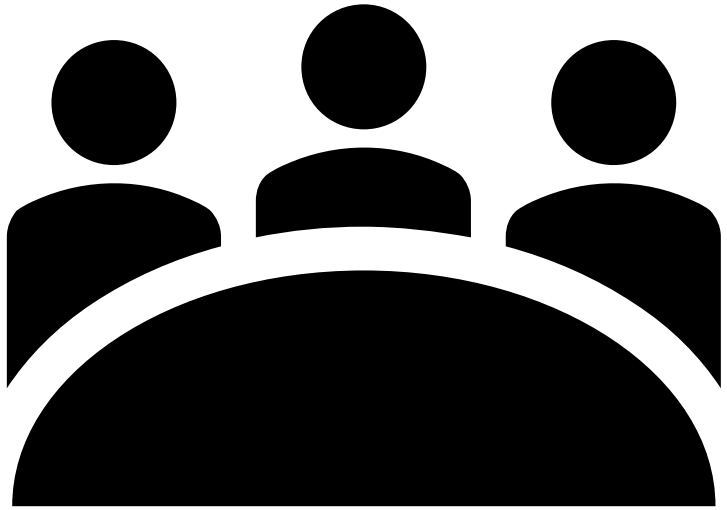
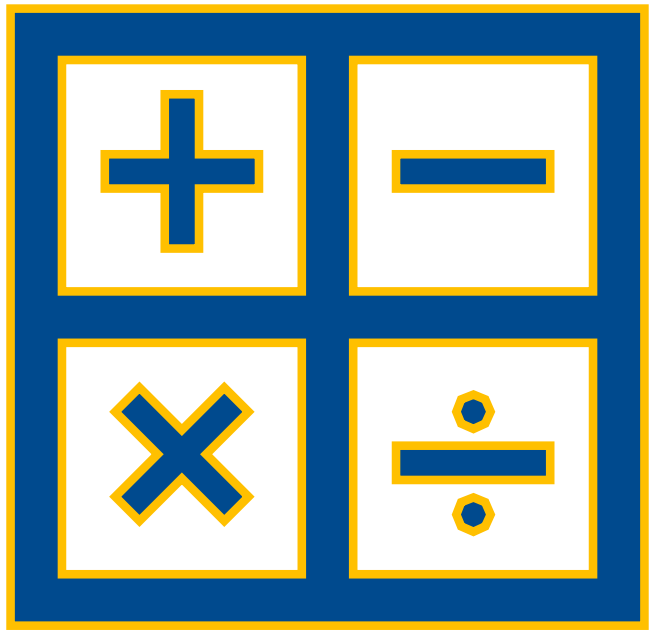
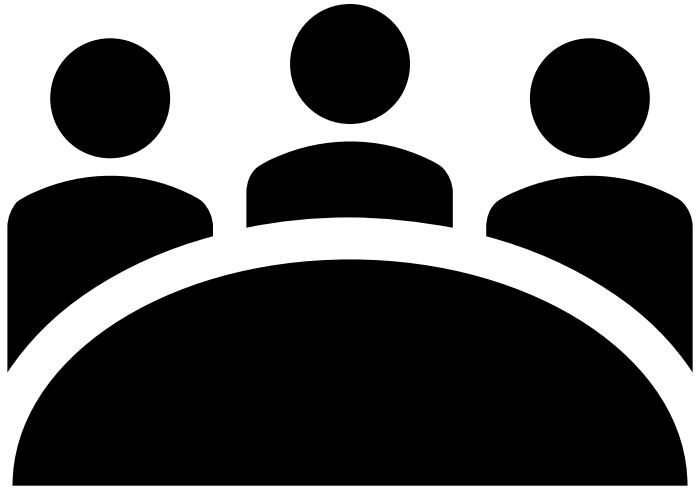


Mixed Methods





Which Form of Inquiry?

What do we know? What do we do now? Do we create new information?

The Three Forms of Inquiry

Summary

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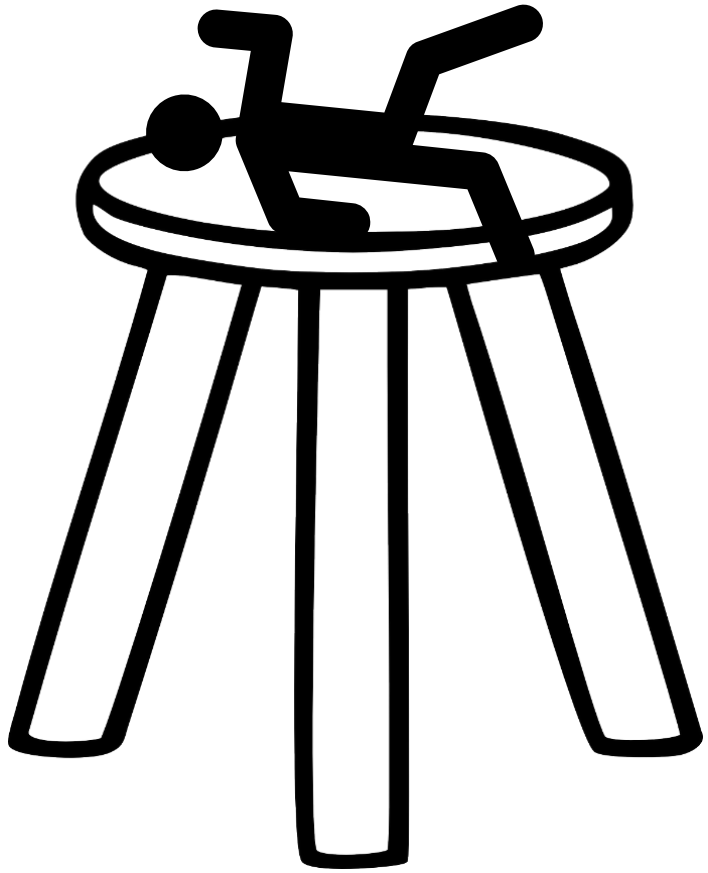
EBP

Quality Improvement

Nursing Research

The Three Forms of Inquiry

Clinical Example



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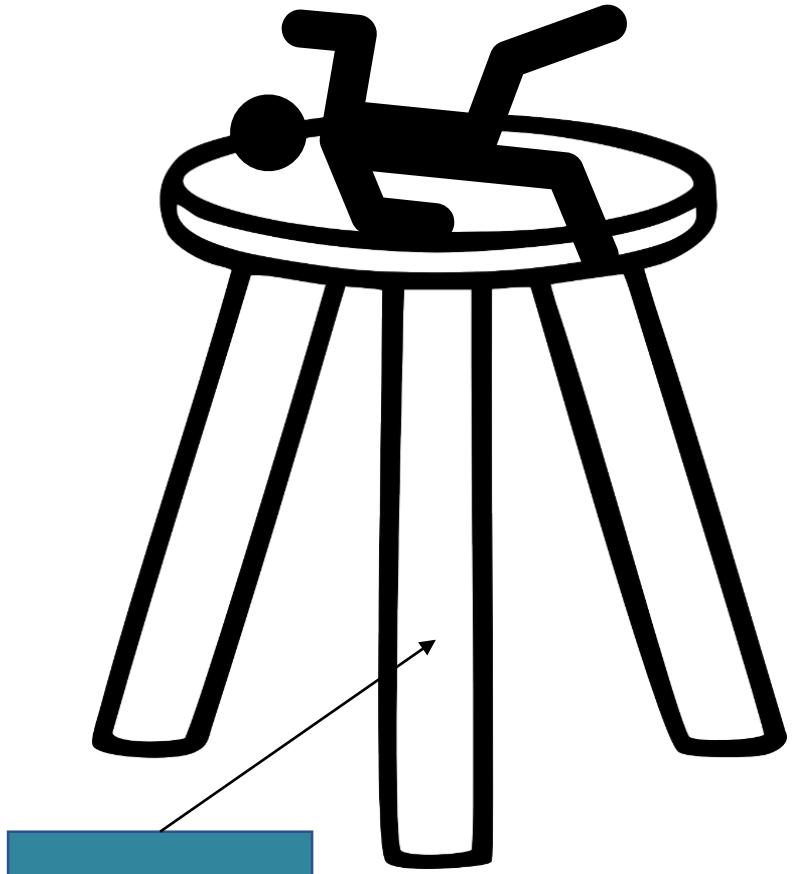

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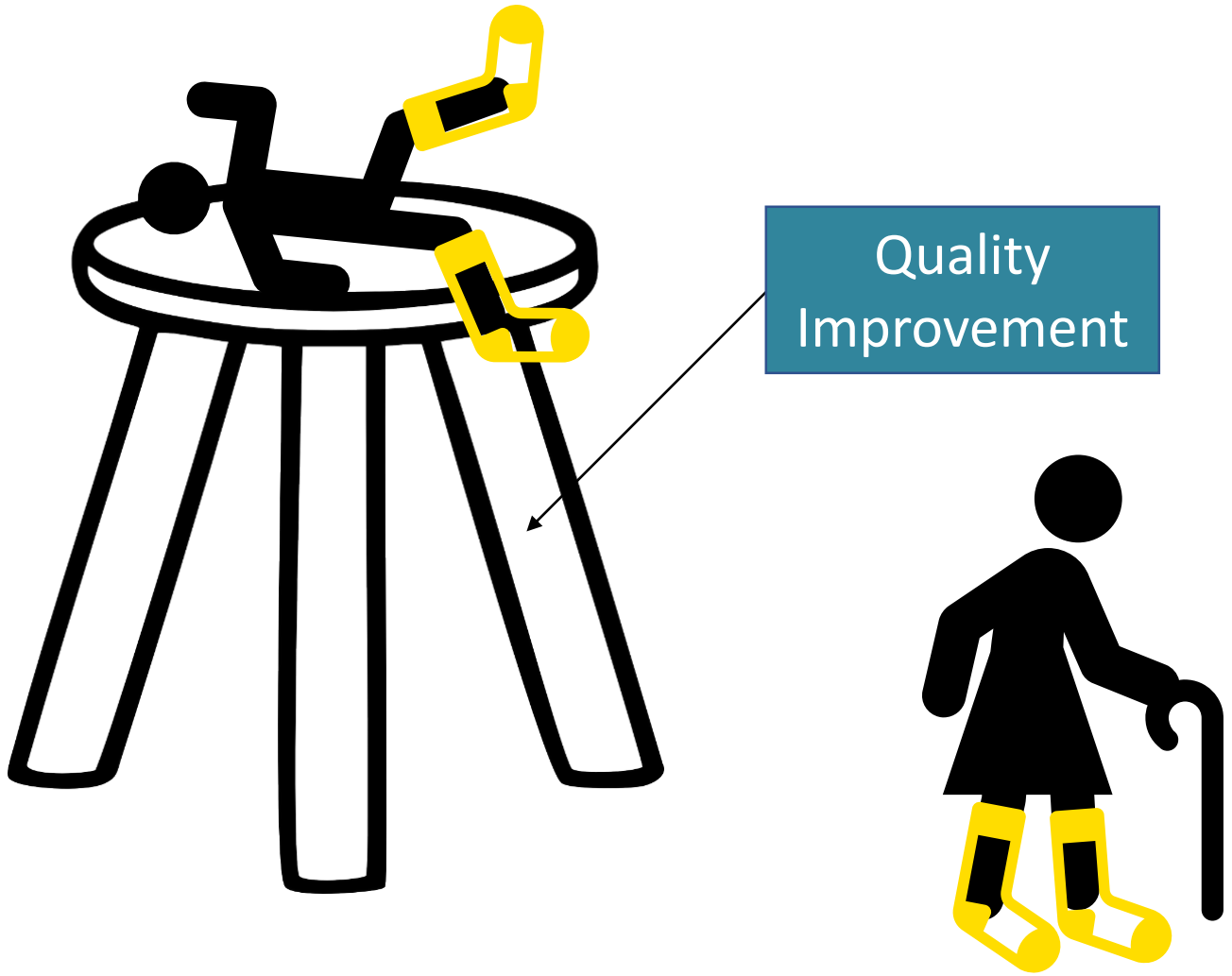

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Clinical Example

Name the type of inquiry!

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- Nurse Wes is working to ensure the nurses on the unit are correctly documenting fall screenings. They think it might be a good idea to start sending the nurses a report card each month with their individualized documentation compliance scores. They know it is easy to pull the data from the electronic health record, but they aren't sure if there is any evidence this works to improvement charting. This is an example of...

EBP

Name the type of inquiry!

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- Nurse Sam has always been told that ER nurses should not use a patient's central line if it is in place for chemotherapy. They wonder what evidence exists to support this practice. This is an example of….

EBP

Name the type of inquiry!

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- Nurse Kaya is on a work group to increase compliance with the best-practice of skin-to-skin contact for newborn babies and their moms. They have been doing audits and performing staff education to monitor progress. This is an example of…

QI

Name the type of inquiry!

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- Nurse Jessie noticed they have to walk all over the department to gather the necessary supplies to do a dressing change. They want to streamline the process to make it easier and quicker to perform the task. This is and example of…

QI

Name the type of inquiry!

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- Nurse Riley has been taking care of patients with COVID-19 and is curious what the effect of wearing PPE is on nurses' ability to stay hydrated during their shift. COVID-19 is so new there is very little existing information about this problem. This is an example of…

Research

Name the type of inquiry!

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Research

Our Resources

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- Live Events
  - Annual SHINE Conference
  - Quarterly Workshops
  - Quarterly Journal Club
  - Office Hours

- On-Demand Education
  - Webinars
  - Short Videos
  - Podcasts

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Questions?

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References

- Antony, J. (2006). Six sigma for service processes. Business process management journal. Available from: https://www.emerald.com/insight/content/doi/10.1108/14637150610657558/full/pdf
- Bharsakade, R. S., Acharya, P., Ganapathy, L., & Tiwari, M. K. (2021). A lean approach to healthcare management using multi criteria decision making. *Opsearch*, 1-26. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7775731/
- Dang, D., Dearholt, S. L., Bissett, K., Ascenzi, J., & Whalen, M. (2021). Johns Hopkins evidence-based practice for nurses and healthcare professionals: model and guidelines. Sigma Theta Tau.
- Langley, Gerald J., Ronald D. Moen, Kevin M. Nolan, Thomas W. Nolan, Clifford L. Norman, and Lloyd P. Provost. *The improvement guide: a practical approach to enhancing organizational performance*. John Wiley & Sons, 2009.
- Speroni, K. G., McLaughlin, M. K., & Friesen, M. A. (2020). Use of Evidence-based practice models and research findings in Magnet-Designated hospitals across the United States: national survey results. Worldviews on Evidence-Based Nursing, 17(2), 98-107.