

# THE IOWA MODEL REVISED: EVIDENCE-BASED PRACTICE TO PROMOTE EXCELLENCE IN HEALTHCARE

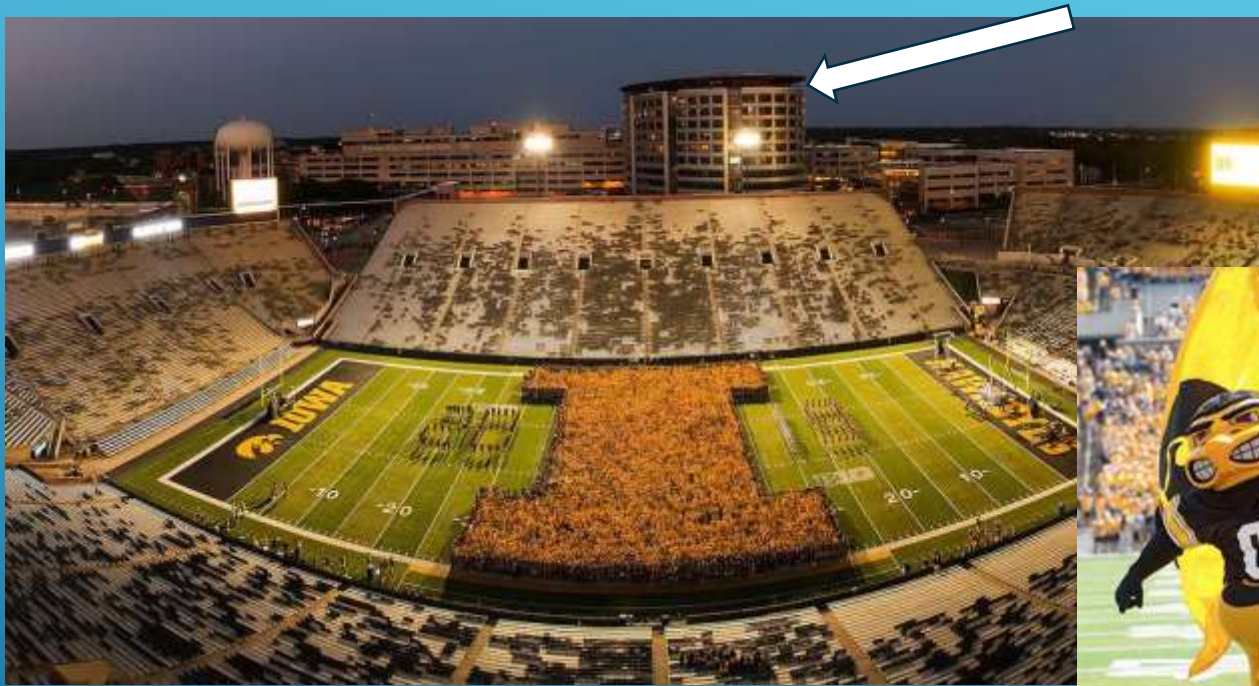
Victoria M. Steelman, PhD, RN, CNOR, FAAN  
August 8, 2019

# THE UNIVERSITY OF IOWA



~33,000 students.  
4540 International students.

# THE UNIVERSITY OF IOWA



A major research university with a heart.

# OBJECTIVES

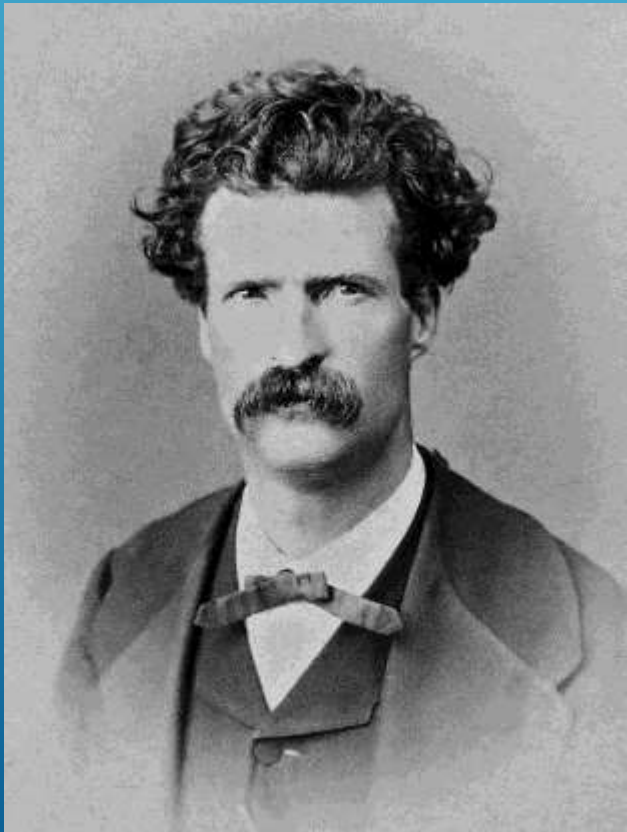
- ▶ Describe the development of the Iowa Model
- ▶ Identify the steps of the Iowa Model Revised

# BLOOD LETTING



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*“If you do what you’ve always done, you’ll get what you always got.”*



## Mark Twain

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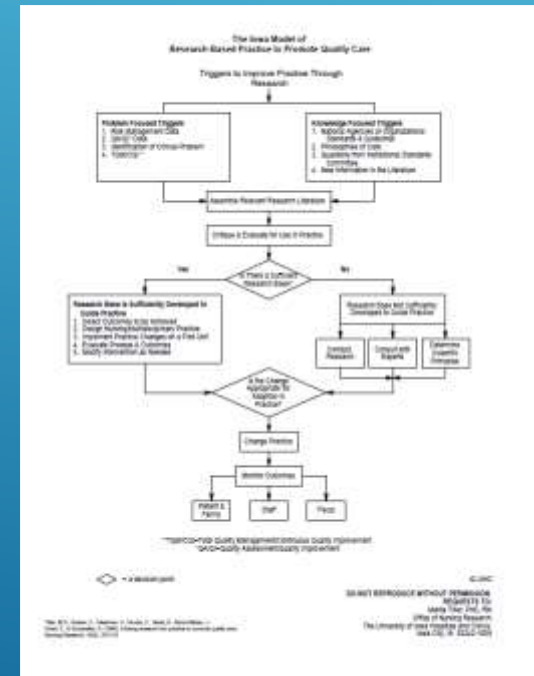
# IOWA MODEL

- ▶ First published in 1994
- ▶ Developed by nurses actively involved in implementing evidence based changes the University of Iowa Hospitals and Clinics
- ▶ Revised in 2001
- ▶ Revised in 2015



# IOWA MODEL

- ▶ Pathway to evidence-based practice
  - ▶ Algorithm to guide steps of implementing an evidence-based practice change
- ▶ Heuristic model
  - ▶ Developed by practitioners
  - ▶ Based on what worked well





# THE IOWA MODEL TEAM

- ▶ Marita Titler
- ▶ Charmaine Kleiber
- ▶ Victoria Steelman
- ▶ Colleen Goode
- ▶ Barbara Rakel
- ▶ Jean Barry-Walker
- ▶ Susan Small
- ▶ Kathleen Buckwalter



# IOWA MODEL COLLABORATIVE

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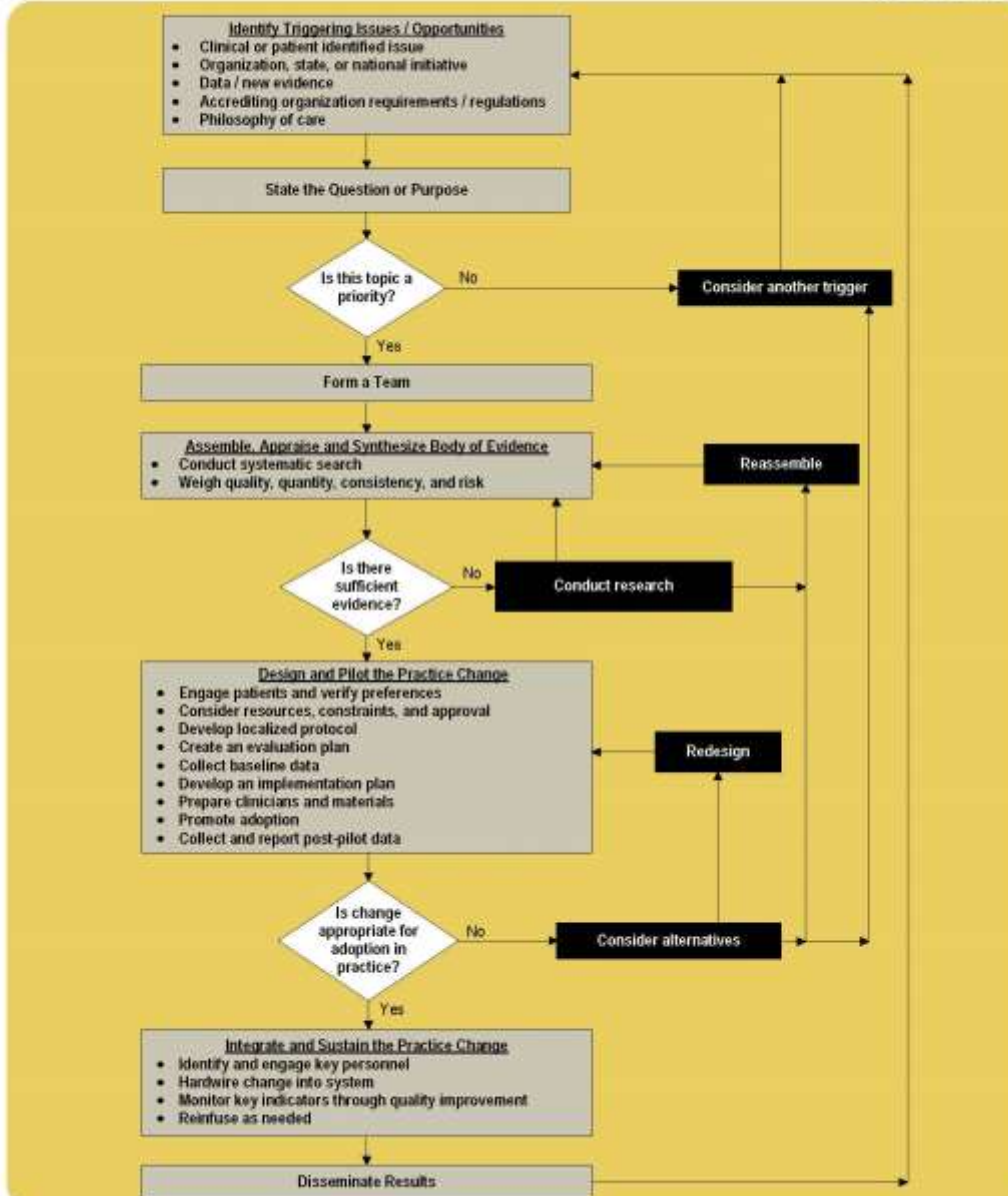
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Victoria Steelman, PhD, RN, CNOR, FAAN

Sharon Tucker, PhD, RN, FAAN, PMHCNS-BC



# The Iowa Model Revised: Evidence-Based Practice to Promote Excellence in Health Care

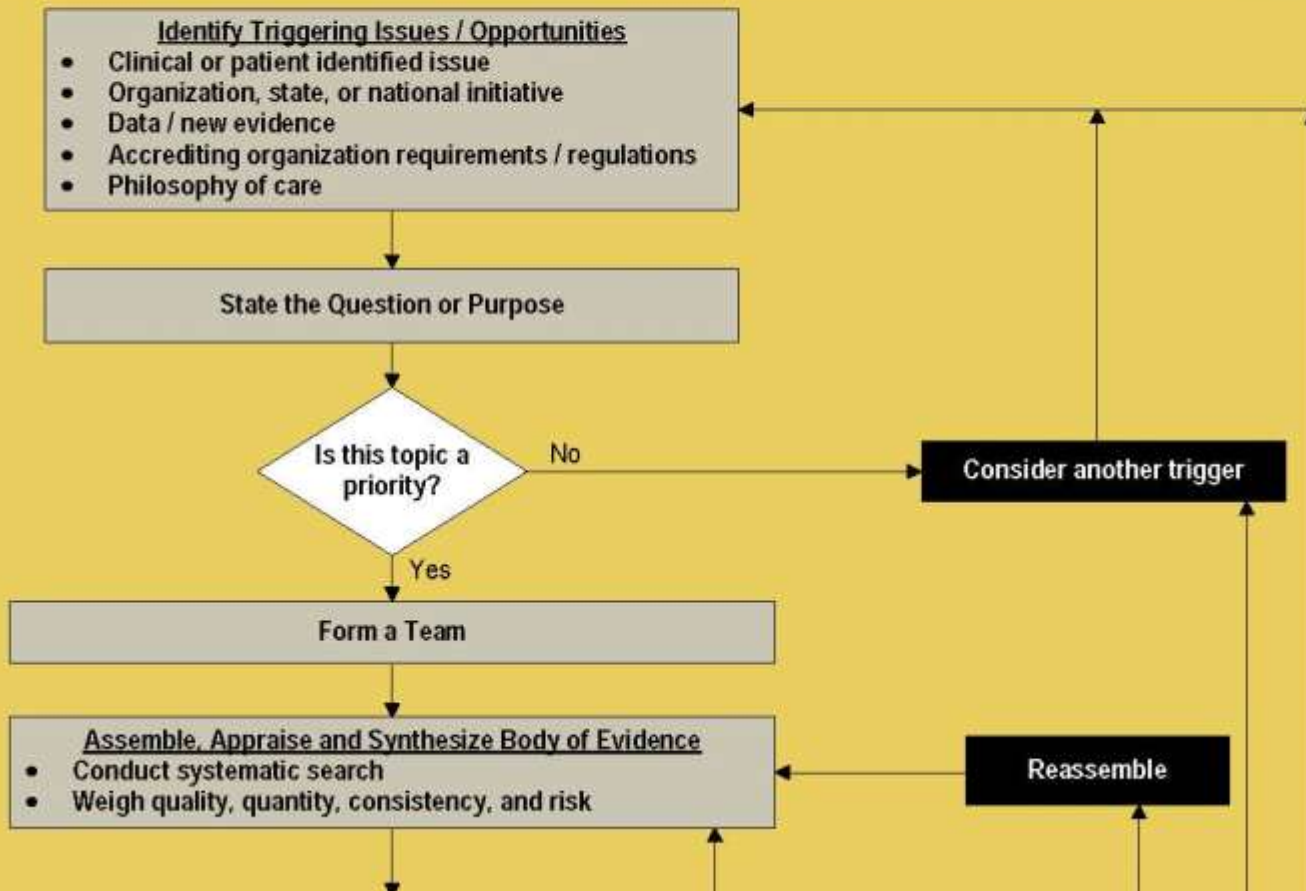


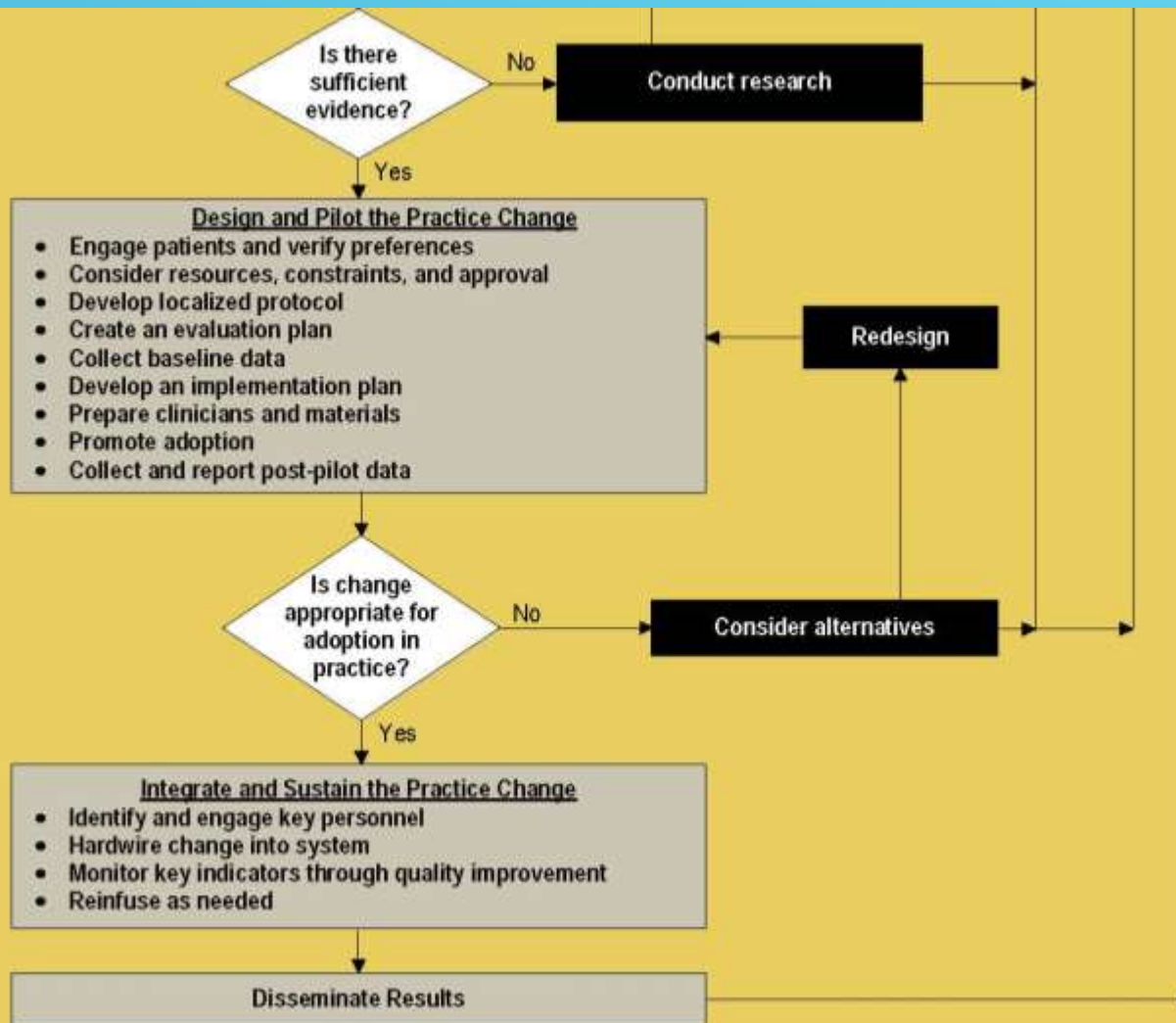
◆ = a decision point

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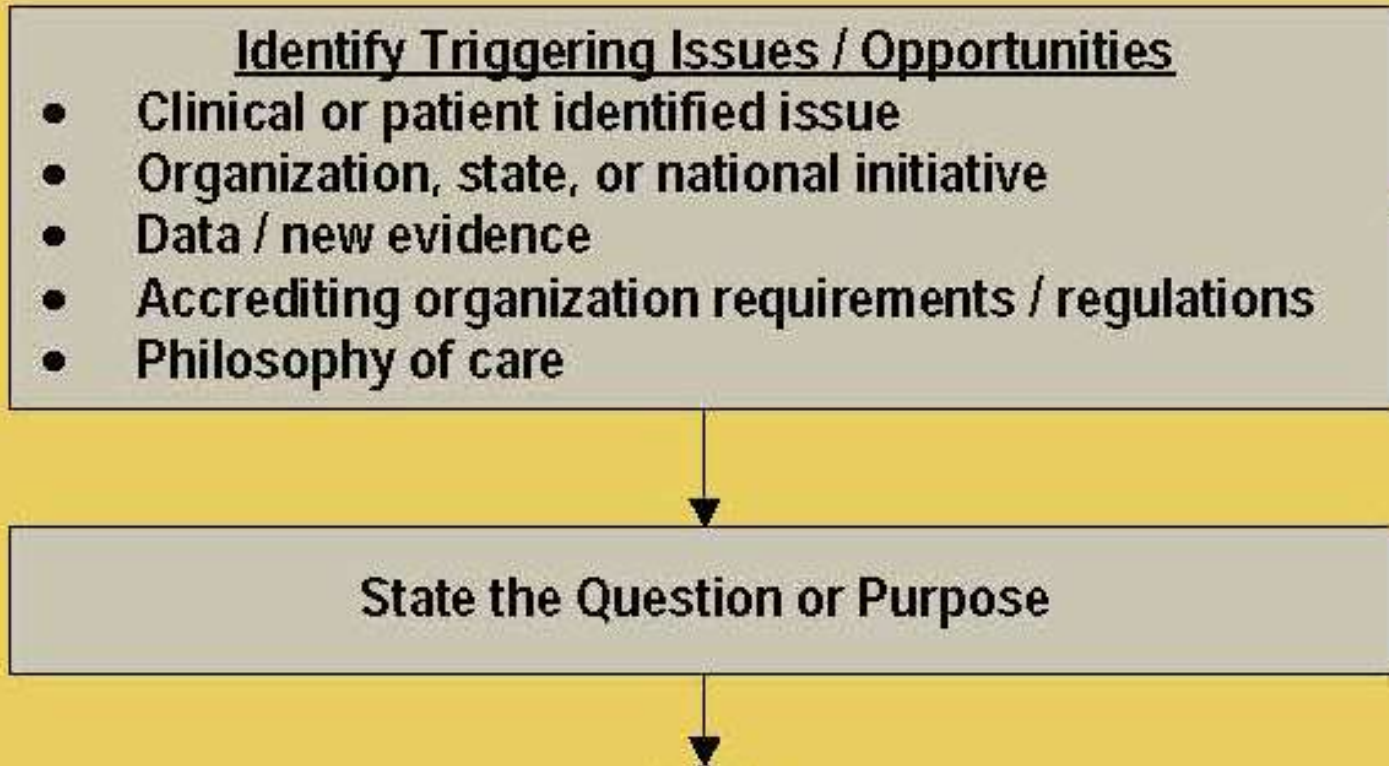
REQUESTS TO:  
 Department of Nursing / University of Iowa Hospitals and Clinics  
 Iowa City, IA 52242-1009 / [www.UIHCnursingresearchandebp@uiowa.edu](http://www.UIHCnursingresearchandebp@uiowa.edu)  
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# The Iowa Model Revised: Evidence-Based Practice to Promote Excellence in Health Care

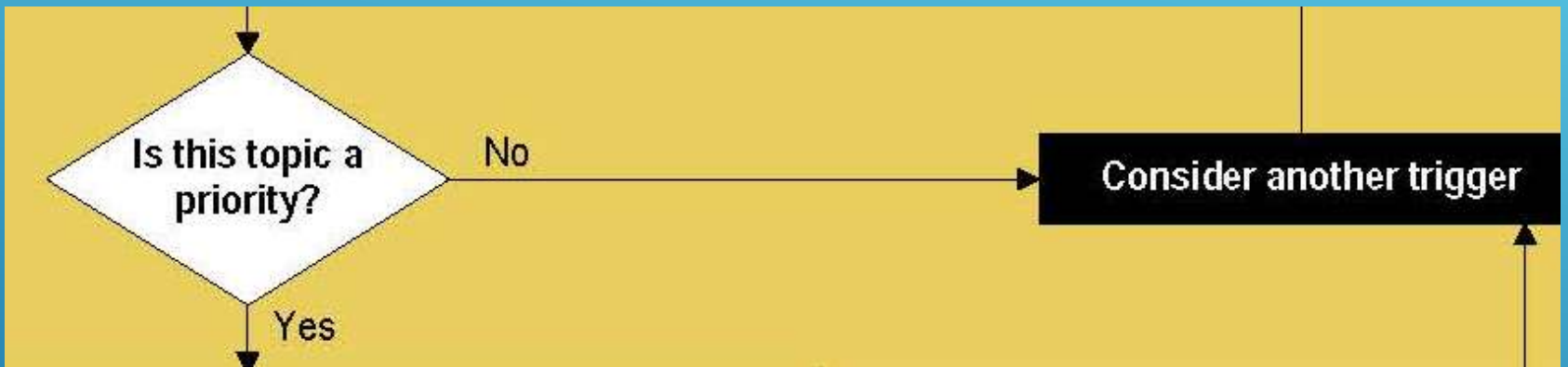




# TRIGGERS AND QUESTION



# TOPIC PRIORITY

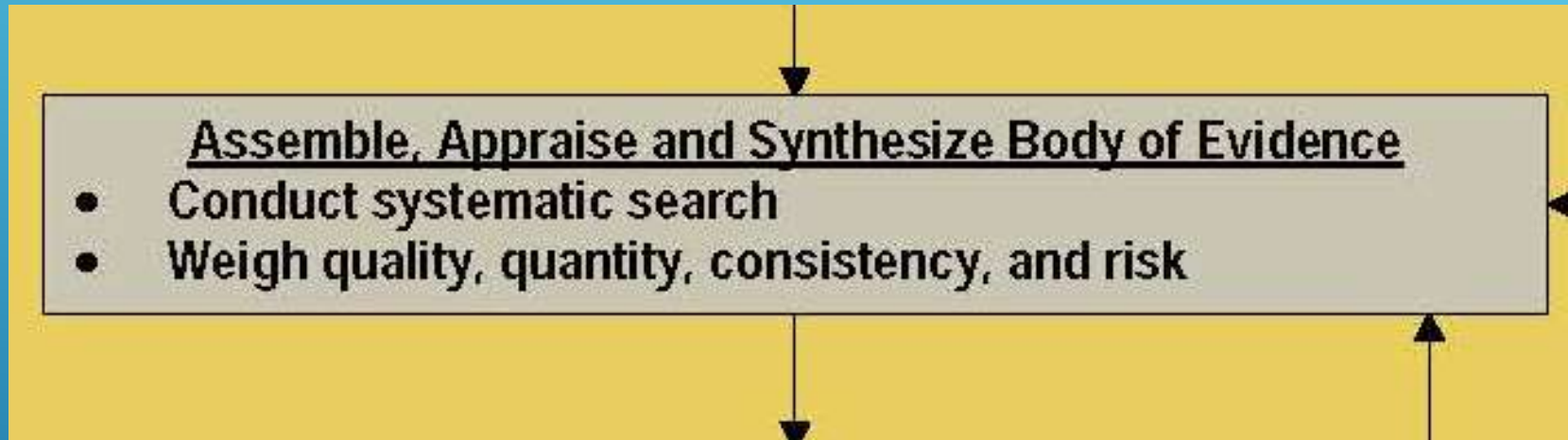


# FORM A TEAM

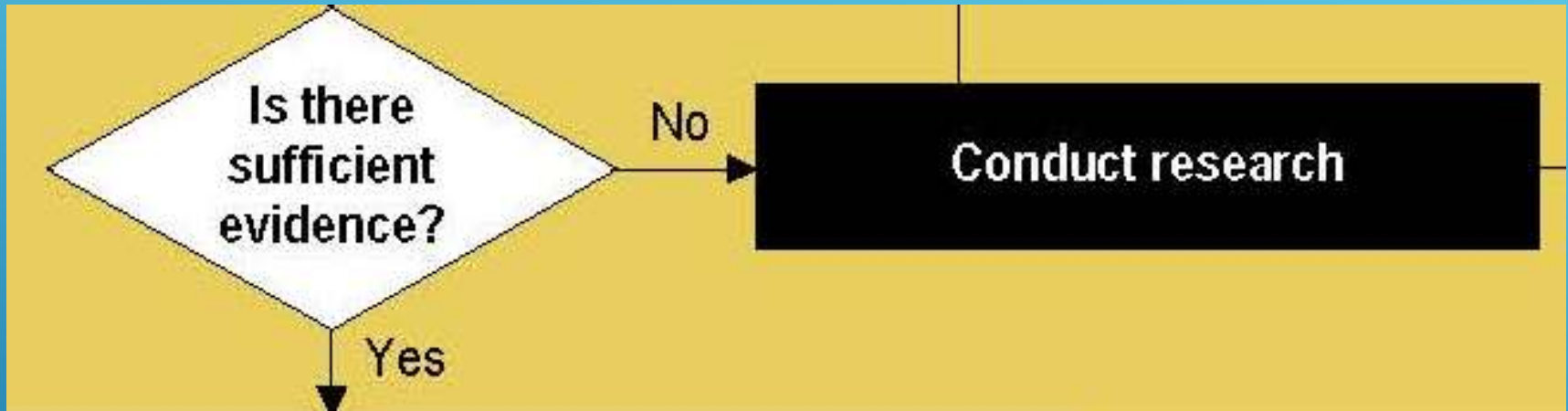




# ASSEMBLE, CRITIQUE AND SYNTHESIZE EVIDENCE



# SUFFICIENT/OTHER EVIDENCE



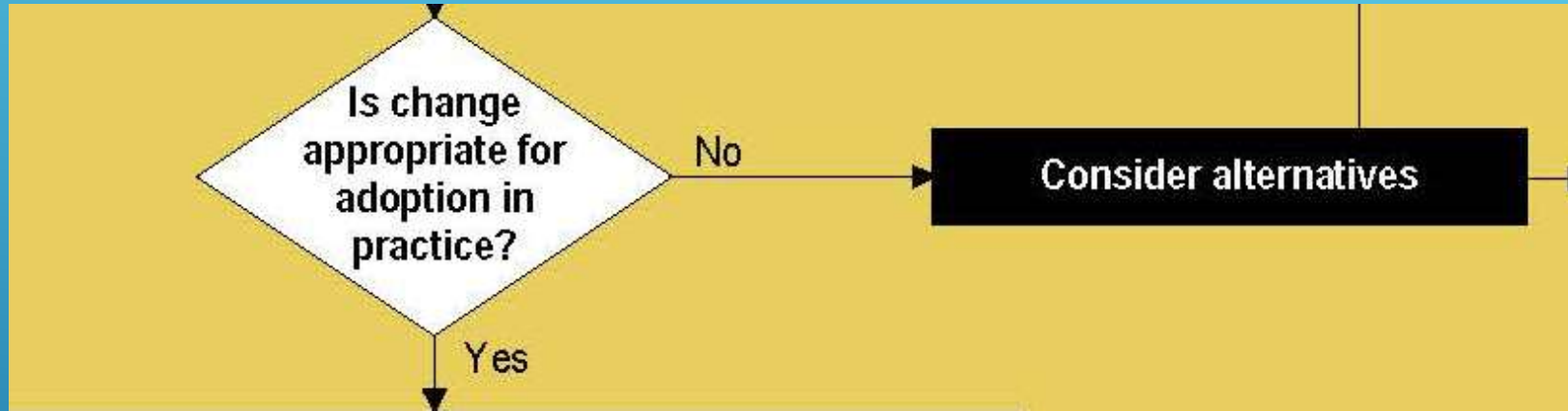
# DESIGN AND TRIAL THE PRACTICE CHANGE

## Design and Pilot the Practice Change

- Engage patients and verify preferences
- Consider resources, constraints, and approval
- Develop localized protocol
- Create an evaluation plan
- Collect baseline data
- Develop an implementation plan
- Prepare clinicians and materials
- Promote adoption
- Collect and report post-pilot data

Redesign

# IS THE CHANGE APPROPRIATE?



# INTEGRATE AND SUSTAIN THE PRACTICE CHANGE

Yes  
↓

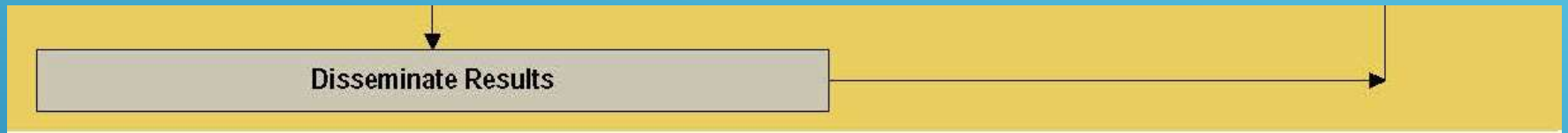
## Integrate and Sustain the Practice Change

- Identify and engage key personnel
- Hardwire change into system
- Monitor key indicators through quality improvement
- Reinfuse as needed

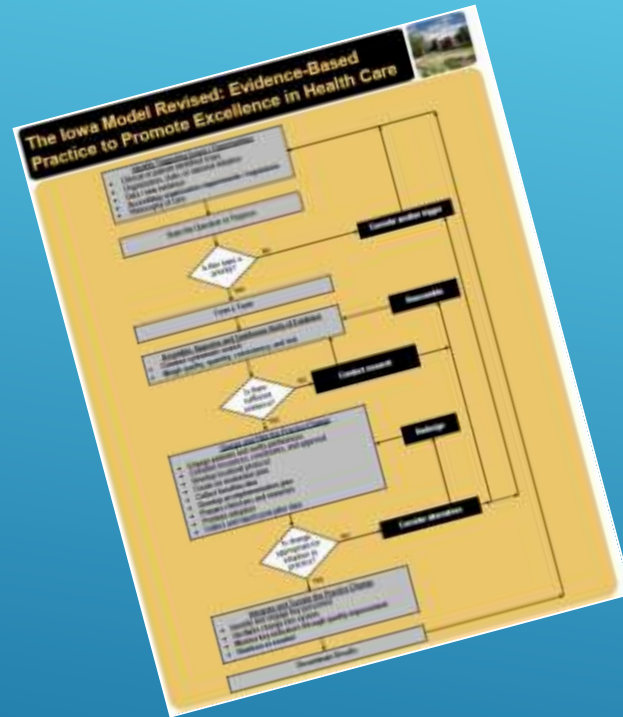


Disseminate Results

# EXTERNAL DISSEMINATION APPROPRIATE?



# PERMISSION TO USE



For permission to use the Iowa Model Revised:  
[www.tinyurl.com/EBPresources-UIHC](http://www.tinyurl.com/EBPresources-UIHC)

# SUMMARY

- ▶ Models assist in incorporating evidence-based practices
- ▶ The Iowa Model Revised is a heuristic model to facilitate this process
- ▶ We reviewed the steps of the Iowa Model Revised