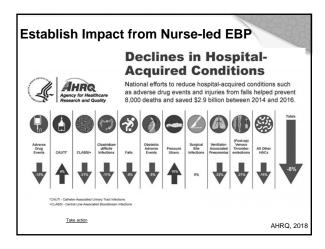


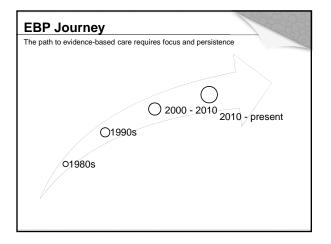
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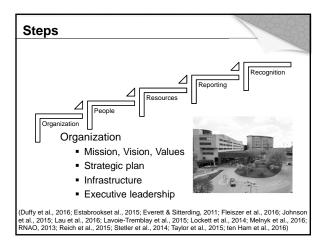


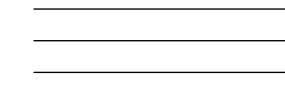












# **Organizational Priority**

- Is evidence-based practice an organizational priority?
- How would you identify:
  - An organizational priority?
  - · A priority in the clinical area?
- Why is it relevant?

# Foundation

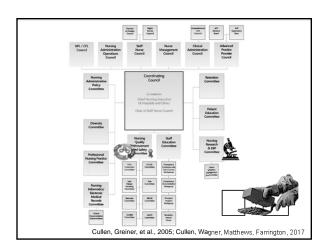
- Organization mission, vision and values
- Strategic plan
- Infrastructure Primary accountability - in which group? .

  - Sufficient capacity
  - Integrate into practice processes, policies, . documentation
- Executive and senior leadership
- Consistently pervasive throughout the system .

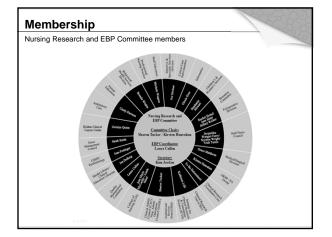
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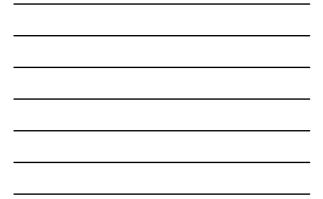
#### Shared Governance

- Foundational to supporting EBP work and having clear responsibility
- Committees
  - Primary responsibility for EBP
  - Related responsibilities: quality, policy, education, etc.
     Functional responsibly including EBP
    - Strong links for communication
- Responsibility
  - One EBP method (e.g., Iowa Model)
  - Resource elements of EBP process: evidence synthesis, implementation, evaluation
  - Collaborating, reporting





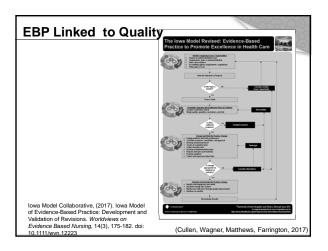




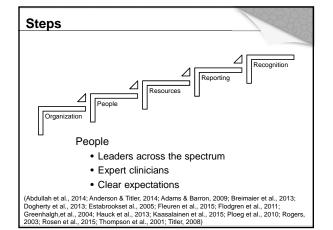
#### **Functional Responsibilities**

Responsibility and expertise for supporting EBP is outlined in the functional responsibilities of committees

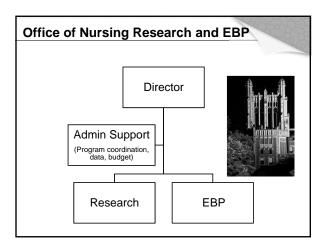
- Provide and support education and consultation regarding EBP
- Collaboratively develop selected areas of interprofessional EBP that are strategically aligned with priorities
- Offer mechanisms for promoting EBP projects
  - Provide leadership for interpreting best evidence research, synthesis reports, etc. to improve quality care
  - Selection and use of appropriate methods to address the issue
     Research, EBP, QI
  - Collect, analyze and interpret data
  - Adopt best evidence, applying implementation science
- Assist in obtaining external funding
- Encourage and support disseminate internal and external
   EBP reporting in the system, regionally, nationally, and internationally
- Develop expertise and collaborations













# **Principles for Collaboration**

Focus on improving patient care Confident risk taker Don't ask permission or worry about rules Apply research skills using passion for practice and apply science with a systematic process to improve care Mentor clinicians Team synergy, confidence in each other and everyone's ability to learn Matching skill sets Friendly competition Don't get lost in details, focus on end-point

# **Collaboration with College of Nursing**

- Memorandum of Understanding
- Iowa Model Collaborative •
- Small grant funding
- Research teams and opportunities .
- Practicums (BSN and graduate) •
- Student projects •
  - Topic list Local sponsor .
  - Approval
- Joint committee membership .
- Adjunct faculty





## Collaboration with College of Nursing

- Goal:
- Advance nursing science
- Identify areas in need of nursing research
- Encourage scholarship by staff nurses and faculty
- Encourage graduate education for staff nurses
  Share resources
- Example pain research

### **Executive Leadership Role**

- Create a vision
- Build the culture
  - Set expectations
  - Track progress
  - Frequent discussions about EBP work
  - Cheerlead and provide recognition
- Build the capacity
  - Access to resourcesBuild expertise





## Leadership Role

- Access to resources
- Set expectations on unit
- Track progress
- Troubleshoot along the way
- Assist with challenging steps in proc
- Cheerlead project importance
- Frequent discussions about EBP work
- Maneuvering in the system (key players, committees)
- Help format practice recommendations (e.g., policy)

(Cullen, Greiner, et al., 2005)

#### Accountability Leadership for accountability will clear a path for others to easily accomplish the work Make certain that everyone in Support exercise of your organization, no matter the independent judgment task, has a customer (internal Decrease the amount of or external) they know they routine work serve Automate routine work Substantially increase signature wherever possible authority at all levels Assign non-routine jobs Remove or reduce unnecessary approval steps Encourage creative solutions Eliminate as many rules as possible Define jobs more broadly-as

· Provide greater freedom of access, vertically and horizontally, inside and outside projects, not tasks

(Kouzes & Posner, 2012)



# **Create Opportunity**

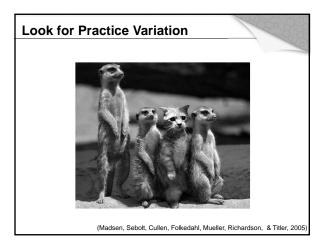
- Be watchful
  - Workarounds, near misses Workflow challenges
- Build leaders
  - Formal training
  - Informal training •
  - Across roles EBP Change .
  - Champions
  - Life long learners
- Reporting

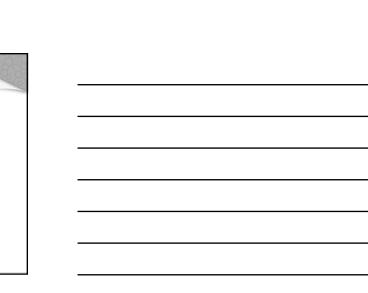
- Internal .
- National

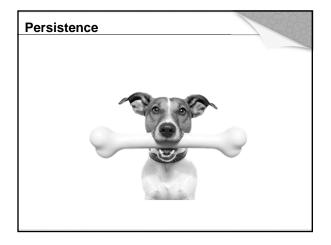


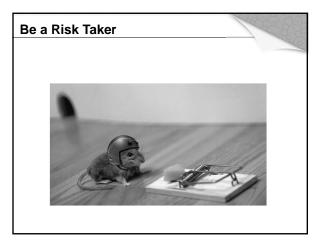
What drives you crazy?

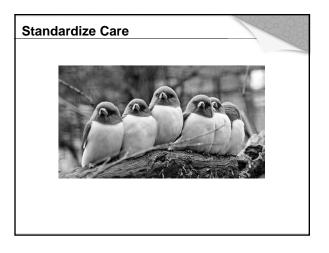
What makes your work difficult; what do you spend too much time doing?



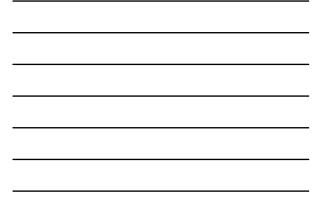


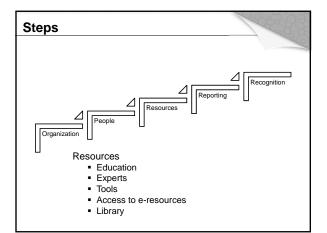














### Resources

#### Internet resources

- Intranet resources/tutorials
- Tools and clear processPrograms
- - Local to National
  - Introductory to advanced across the career continuum
  - Orientation to experienced nurses & leaders
- Access to experts
  - NPL knowledge and skills to promote EBP with staff nurses
  - CNL
  - Educator
  - Quality professionals
- Infection preventionist Know process to follow



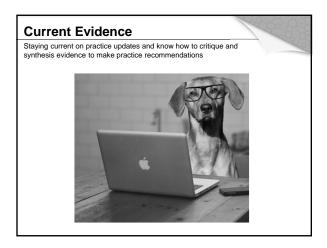
#### **EBP** Resources

- Training programs:
   Advanced Practice Institute: Promoting EBP

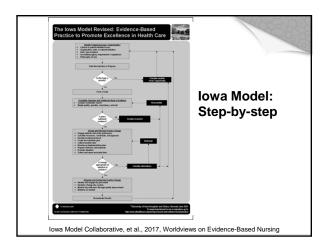
  - EBP Internships
     EBP Change Champions Program
     EBP Change Champion
- EBP to Go® (booklets) • EBP in Action book and tools
- EBP online CEU course
- · Models:
- Iowa Model Revised: EBP to Promote Excellence in Healthcare
   EBP Implementation Framework
- Consultations
- National EBP Conference
- · National and international presentations
- Publications
- Student project reviews



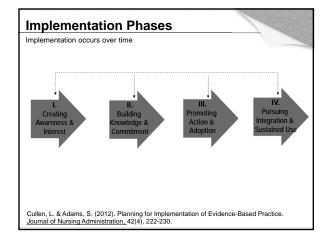










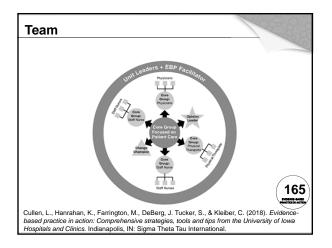


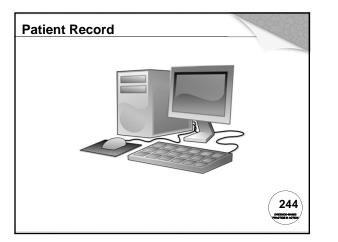


## What EBP Champions Need

- Clear procedure
- Link to colleagues with expertise
- Link to colleagues to influence (scheduled to work together)
- Right Equipment
- Resource Materials
- Decision support and practice prompt
- Time to do the work

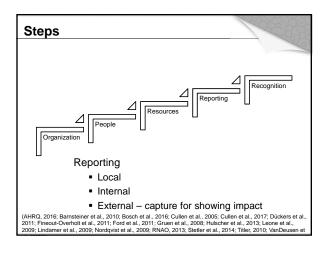


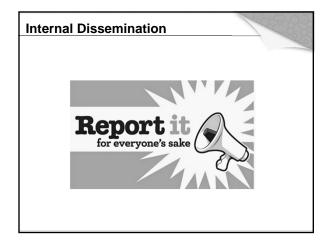




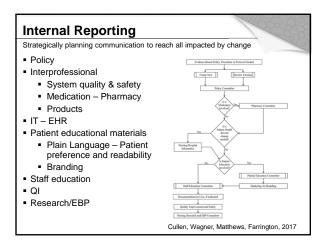
ranni	ng for su	staining	g the cha	ini	je	Loo On
						1
steps and identify any steps to re- plan. Include the key step, specifi	I for Sustaining EBP grd with key steps for integrating and autabring and none and delete fract our. Fill is remaining cells to de- c actions for each step, individuals by none, mathemati- nombrate completion of the activity, and mark down. D	elop a comprehensive integration or resources needed, anticipated				
Project Director Name:	Team					
Project Purpose: To integr workflow as standard prac	ate the EBP practice fice on (Unit/clinic)					
Key Step or Objective	Specific Activities to Meet Objective	Person Responsible	Materials or Resources Needed	2.4	Evaluation	Done
iwiew bern membership to ocus on integration	Review team membership and determine need to link within shared governance		Team plan/charter with membership outlined		Opdated team memberahip Rat	and a second
	Reconfigure team Add strategic members		Project summary to share		Enail and meet limite	
internel strategic reporting	Practice/policy committee name:				Report project-polate with proposed policy-polate	
	Informatical-Nectronic health record representative (name)				Report project update with proposed changes in order sets, documentation, etc.	
	Patient education committee (name)		Flowchart of committees within		Report project update with proposed patient edu- cational materials with reading level assessment	
	Staff education committee (same)		shared governance structure		Report project update with proposed plan	
	Quality/performance improvement committee [name]				Report project update with integration plan	
	EIP conmittee				Report project findings with integration plan	
Sentify key delte to trend	Identify process indicators with opportunity for improvement		Oeta management resources		Considered knowledge, attitude, and practices/ behaviors for clinicians and patients	
	Narow to key process indicators with geatest impact on outcome				Created list of < 10 indicators for each: knowl- edge, attitude, and practices/behaviors (see Tools 9.1 and 9.2)	
	Identify key outcome indicators				Tay 2:	
	Identify balancing measure required to reduced undesired effect, needing angoing maniforing				Determined unintended consequence to monitor:	
lubilae Qi methods	Generate report within QLPI system			Garery	Example 9.5	
	Select appropriate graph to display data trends (e.g., nun or statistical process control chart)				Histogram for immediate post-pilot (see Tool 11.2)	344







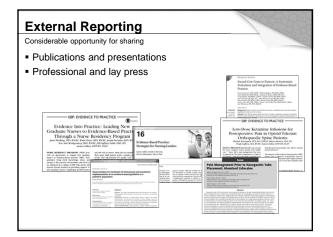




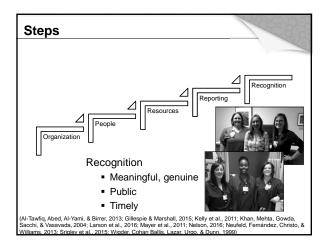


Applicat	tion in S	taff Edu	cation		
	Create Awareness & Interest	Build Knowledge & Commitment	Promote Action and Adoption	Pursuing Integration & Sustained Use	
Garanting a Bio field an Opposite configuration in season and day field and any season	Hopper & Autoport's antispand Import Import ann antish Sourd State Sourd State	Charge specific (a), change change of loss, change change of loss (a), change change of loss (b), change of loss (b), change change o	School of operationation     School of operation     Renders to produce orders     Denotes the source of the	Contract local and popular Policy-lates and weather Policy-lates and weather Policy-lates and weather Policy-lates and weather topo-serve at Libration state Impovement and weather Impovement	
	Publicative exponent	Involution seespication*     Theorematical     Report when explanation	Additery indicatory Additery indicatory Constrained Co	Auditanti kedi akti     Apoto servorakke <sup>1</sup> Apoto servorakke <sup>1</sup> Apoto servorakke <sup>1</sup> Apoto servorakke <sup>1</sup> Ante poly, processor opecos <sup>1</sup> Congenerge mate for disordinger     Management for disord	









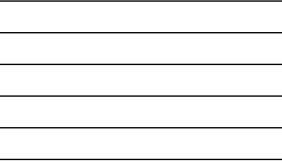




# "Marketing EBP"

- Demonstrate return on investment (ROI)
- Make EBP work visible
- Communicate with CEO and senior leadership
- Present and nominate staff for excellence awards
- Publish externally success stories and learning from failure
- Be a risk taker





#### **Building Business Case for EBP**

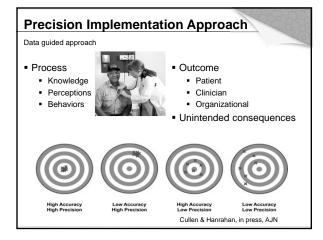
- Recognize value of investing in upfront costs
- May not show immediate return
- Consider links:
  - Strategic vision and national initiatives Alignment initiatives with institutional/ mission and priorities
  - Demonstrated benefits of EBP
  - Systematic evaluation
  - · Business case for employer, stakeholders, investors, patients

(Houser & Oman, 2011; MacKinnon Schifalacqua, Mamula, & Mason, 2011; Sadler, Joseph, Keller Rostenberg, 2009; Tucker, 2014)

### **UIHC EBP Program ROI**

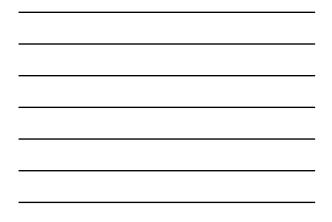
- Improved quality and safety
- Improve patient and staff safety
- Improve clinical outcomes
- Improve patient and staff satisfaction Provide innovative care
- Innovations
- Cost avoidance
- Funding
  - Grants or revenue sources
- Reach
  - Clinician and patient engagement
  - Dissemination: abstracts, publications & presentations .
  - Strategic internal dissemination .

(Dembe, Lynch, Gugiu & Jackson, 2014)









### **Purpose Statement**

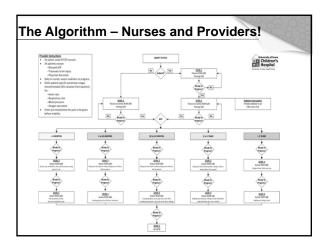
The purpose of this evidence-based practice project was to initiate an early mobilization program in the PICU to determine safety and improve pediatric patient outcomes.



University of Iowa Stead Family Children's Hospital

### Team

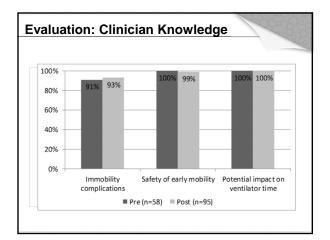
- Sameer Kamath, MD, MSMichele Farrington, BSN, RN,
- CPHON
- Laura Cullen, DNP, RN, FAAN
- Kimberly Jordan
- Matthew Reed, RRT
- Kayla Krueger, PT
- Melissa Smith, OT
- Angie Otto, BSN, RN, CNMLMandi Houston, BSN, RN,
- CCRN
- Jen Erdahl, BSN, RN, CCRN
- Paula Levett, MS, RN, CCRN
- Kristen Rempel



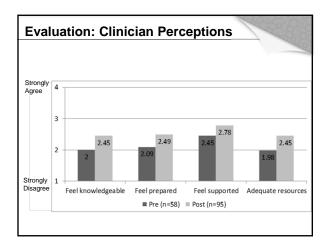


Evaluation: Clinicians						
Sample	Pre (n=58)	Post (n=95)				
Staff Nurses	43	68				
Respiratory Therapists	9	13				
Physicians (Attending)	3	6				
Nurse Practitioners	1	5				
Physician (Fellow)	2	3				

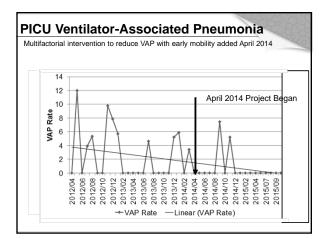


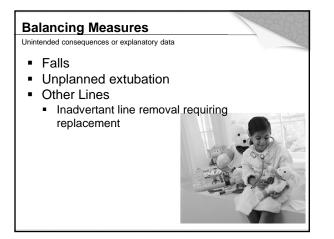




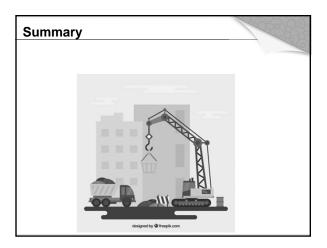


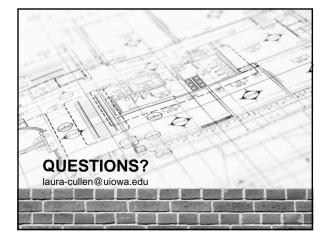






Completing th	ne work	10	285 285
Goal: Sustained improvem	ent for patient/family		No.
Patients and famili			
Little lasting gain in	Clinicians and Le		$\sim$
process or outcome	Stakeholder disenchantment	Health Systems	$\rightarrow$
		Squandered resources	







#### Select References - Leadership

- Aarons, G.A., Ehrhart, M.G., Farahnak, L.R. (2014). The Implementation Leadership Scale (ILS): development of a brief measure of unit level implementation leadership. Implementation Science, §1 (14.5. doi: 10.1186/1748-5908-9-45.
- Birken, S., Clary, A., Tabriz, A.A., Turner, K., Meza, R., Zizzi, A., Larson, M., Walker, J., Chams, M. (2018). Middle manageris' role in implementing evidence-based practices in healthcare: a systematic review. Implementation Science, 13(1):149. doi: 10.1186/s13012-018-0843-5
   Cranley, L.A., Cummings, G.G., Profetto-McGrath, J., Toth, F., Estabrooks, C.A. (2017) Facilitation roles and characteristics associated
- Cranley, L.A., Cummings, G.G., Profeto-McGrath, J., Toth, F., Estabrooks, C.A., (2017) Facilitation roles and characteristics associated with research use by healthcare professionals: a social greview. *BMJ* Open, Aug 117(8):e014384. doi: 10.1136/bmigee=2016-014384.
   Everett, L.Q., & Sitterding, M.C. (2011). Transformational Leadership Required to Design and Sustain Evidence-Based Practice: A System Exemption. *Western Journal Of Nursing Research*, 33(3): 389-426. doi:10.1117/0183386910383056
- Gifford, W., Graham, I.D., Ehrhart, M.G., Davies, B.L., Aarons, G.A. (2017). <u>Ottawa Model of Implementation Leadership and Implementation Leadership Scale. magoria concepts for developing and evaluating theory-based leadership interventions. *Journal of Healthcare Leadership*, 19:152-33.
  </u>
- Gifford, W.A., Squires, J.E., Angus, D.E., Ashley, L.A., Brosseau, L., Craik, J.M., Domeog, M.C., Egan, M., Holyoke, P., Juergensen, L., Walln, L., Wazni, L., Gräham, I.D. (2018). Managerial leadership for research use in nursing and alled health care professions: a systematic review. Implementation Science, 31(1):127-04:101408/31021049-0817-7.
- Shuman, C.J., Liu, X., Aebersold, M.L., Tachannen, D., Banaszak-Holl, J., Tiller, M.G. (2018). Associations among unit leadership and unit climates for implementation in acute care: a cross-sectional study. *Implementation Science*, 13(1):52. doi: 10.1188/i13012-018-0753-6.
- Titada M., Pancrantz S., Wallin L., Einerberg A., Olison G.B., Torrano, G., Horsynki L.W., Glin A.C., (2010) Developing Ladsteht in Managert in Fruitate the therapiementation of National Cadeline Reconstructations A Process Evaluation of Penability and Usefulness. International Journal of Health Policy and Management, Apr 115(8):477-486. doi: 10.15171/ijtpm.2016.35.