





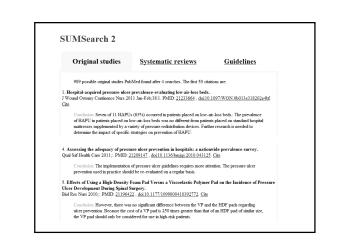
## SUMSearch www.sumsearch.org

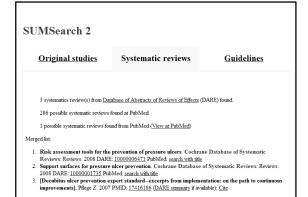
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## SUMSearch 2

Search MEDLINE, <u>DARE</u>, and <u>NGC</u> for:

# Decubitus Ulcer Prevention Connect search terms with 'AND'. Focus: Intervention Diagnosis None Age: Adult Pediatrics Either Human only: English only: Require abstracts: Max # iterations: 5 6 Explain MeSH Submit Query - Please click once.

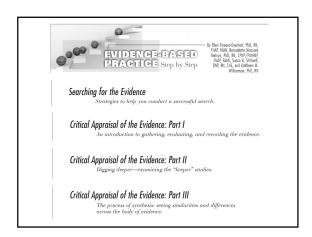


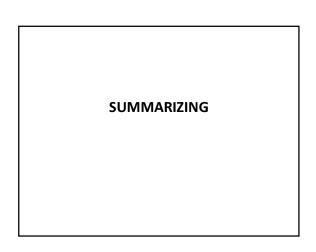


### **Evaluation of an Individual Study** • What was the purpose of the study? Was it clear and easy to understand Who was studied - What were the inclusion/exclusion criteria? How were the subjects randomized?Were the groups balanced in any way? Intervention/Control What was the intervention - was it clearly outlined? Were there any factors left out that would have been useful in understanding how the study was undertaken? Could you replicate the study given the information provided? Outcome variables What were the outcome variables? - Did the outcomes allow the investigators to meet the objectives of the study? • Results - What were the results of the study? Were the results supported by the data?Do you agree with the interpretation of the results?

Implications

- How would you apply this information in your practice (is it feasible)?
- Would you recommend this article/clinical practice to your colleagues?



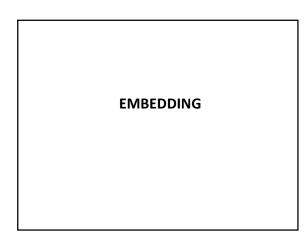


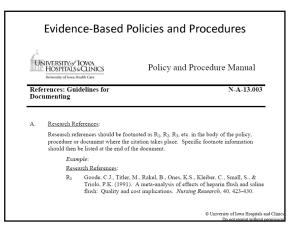
Study Info	Purpose	Sample	Intervention	Outcomes	Results	Feasibility/use
Meade (2006)	Q1-2 hr rounds on pt satisfaction and safety	14 hospitals	1-2 hour rounds	Patient satisfaction	↓ Falls ↓ Call light use ↑ Patient satisfaction	No details on rollou of intervention
Woodward	Decrease patient uncertainty regarding nurse availability, fall rates, satisfaction, call light use	?Not specified	1-2 hour rounds Charge Nurse completed rounds 4Ps	Patient satisfaction Falls Charge nurse survey	↓ Falls ↓ Call light use ↑ Patient satisfaction	?Charge nurse Theoretical framework No survey of charge nurse satisfaction
Gardner	Test model of practice that optimized the role of HA Test hourly rounds	Med-surg Australia 123 pts (68 experimental ward/61 control)	Q1 hr rounds by HA Standardized protocol	Pt satisfaction Practice environment	Pt satisfaction (NS)	Pt satisfaction survey developed No benefit from intervention

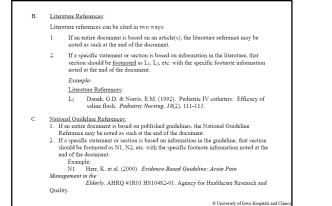
Grade of Recommendation	Benefits vs Risk & Burdens	Methodological Quality
1A: Strong recommendations/high-quality evidence	Benefits clearly outweigh risk and burdens or vice versa	RCTs without important limitations or overwhelming evidence from observational studies
1B: Strong recommendation moderate quality evidence	Benefits clearly outweigh risk and burdens, or vice versa	RCTs with important limitations (inconsistent results, methodological flaws, indirect or imprecise) or exceptionally strong evidence from observational studies
1C: Strong Recommendation, low quality or very low quality evidence	Benefits clearly outweigh risk and burdens, or vice versa	Observational studies or case series
2A: Weak recommendation, high quality evidence	Benefits closely balanced with risk and burden	RCTs without important limitations or overwhelming evidence from observational studies
2B: Weak recommendation, moderate quality evidence	Benefits closely balanced with risk and burden	RCTs with important limitations (inconsistent results, methodological flaws, indirect or imprecise) or exceptionally strong evidence from observational studies
2C: Weak recommendation, low quality or very low quality evidence	Uncertainty in the estimates of benefits, risks and burden: benefits, risk and burden may be closely balanced	Observational studies or case series

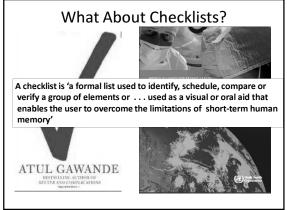
Level and Quality of Evidence	Type of Evidence		
I	Meta analysis or systematic review of multiple controlled studies or clinical trials		
11	Individual experimental studies with randomization		
111	Quasi-experimental studies (nonrandomized controlled single group, pre-post, cohort, time series, or matched case design		
IV	Nonexperimental studies, such as comparative and correlational descriptive research as well as qualitative studies		
v	Program evaluation, research utilization, quality improvement projects, case reports, or benchmark data		
VI	Opinions of respected authorities or the opinions of expert committee – may include textbooks and clinical product guideline		

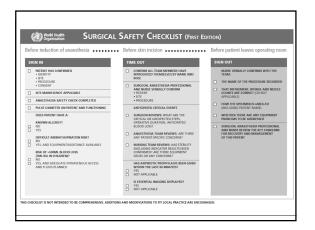
	American Association of Critical Care Nurses Evidence-Leveling System
Level A	Meta-analysis of multiple controlled studies or meta-synthesis of qualitative studies with results that consistently support a specific action, intervention or treatment
Level B	Well designed controlled studies, both randomized and nonrandomized, with results that consistently support a specific action, intervention, or treatment
Level C	Qualitative studies, descriptive or correlational studies, integrative reviews, systematic reviews, or randomized controlled trials with inconsistent results
Level D	Peer-reviewed professional organizational standards, with clinical studies to support recommendations
Level E	Theory-based evidence from expert opinion or multiple case reports
Level M	Manufacturers' recommendations only
	Armola Crit Care Nurse 200







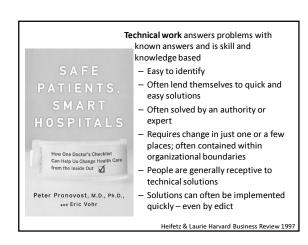




# Rules from the Aviation Industry

- Succinct items (✓ vs algorithm or procedure)
- No more than 1 page
- Sentences simple and clear, yet maintain professional language of the field
- Cluttering and coloring is limited
- Items amenable to verbal confirmation
- Checklists associated with actions that allow corrections or modifications to ensure safety

Weiser 2010/Winters 2010

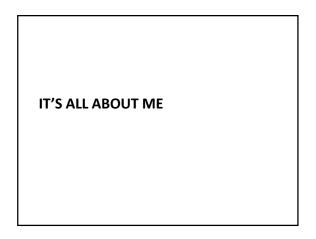


#### Adaptive work is required when our deeply held beliefs are challenged, when the values that made us successful before become less relevant and when legitimate, yet competing perspectives emerge

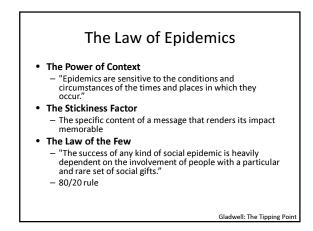
- Difficult to identify (easy to deny)
- Require changes in values, beliefs, roles, relationships and approaches to work
- People with the problem do the work of solving it
- Require change in numerous places; usually crosses
- organizational boundaries – People often resist even acknowledging adaptive
- Solutions require experiments and new discoveries; they
- Solutions require experiments and new discoveries; they can take a long time to implement and cannot be implemented by edict

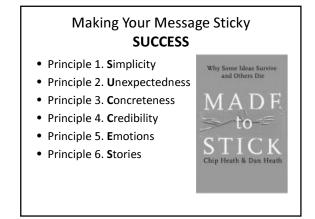
Heifetz & Laurie - Harvard Business Review 1997

	Executive Leaders	Team Leaders	Staff
Engage adaptive	How Do I Make the World a Better Place? >How do I create an organization that is safe for patients and rewarding for staff? >How does this strategy fit our mission?	How Do I Make the World a Better Place? ≻How do I create a unit that is safe for patients and rewarding for stall? ≻How do I touch their hearts?	How Do I Make the World a Better Place? >Do I believe I can change the world, starting with my unit? >Can I help make my unit safer for patients and a better place to work?
Educate technical	What Do I Need to Know? >What is the business case? >How do I engage the Board and Medical Staff? >How can I monitor progress?	What Do I Need to Know? >What is the evidence? >Do I have executive and medical staff support? >Are there tools to help me develop a plan?	What Do I Need to Know? >Why is this change important? >How are patient outcomes likely to improve? >How does my daily work need to change? >Where do I go for support?
Execute adaptive	What Do I Need to Do? > Do the Board and Medical Staff support the plan and have the skills and vision to implement? > How do I know the team has sufficient resources, incentives and organizational support?	What Do I Need to Do? >Do the Staff Know the plan and do they have the skills and commitment to implement? >Have we tailored this to our environment?	What Do I Need to Do? >Can I be a better team member and team leader? >How can I share what I know to make care better? >Am I learning from defects?
Evaluate technical	How Will I Know I Made a Difference? >Have resources been allocated to collect and use safety data? >Is the work climate better? >Are patients safer? >How do I know?	How Will I Know I Made a Difference? > Have I created a system for data collection, unit level reporting, and using data to improve? > Is the work climate better? > Are patients safer? > How odi Know?	How Will I Known Mudde a Difference? >What is our run lie war report craft? >Is the unit a better place to work? > Is teamwork better? >Are patients safer? >How do I know?
			© Quality and Safety Research Group, Johns Hopkins University

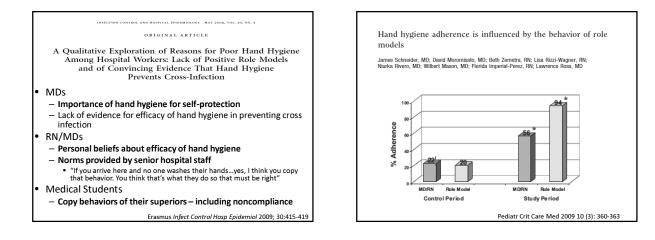


Risk of SARS Associated with Inconsistent Use of PPE (La	au 2004)
PPE	OR
N95 mask or paper facemask	2.0
Goggles	6.4
50% of healthcare worker	s with
documented H1N1 infections	
were infected in a healthcare s	•
• <u>&gt;</u> 3	7.9
# Equipment inconsistently used /caring for general pt	
•0	1.0
5	10
•1 to 2	4.9











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