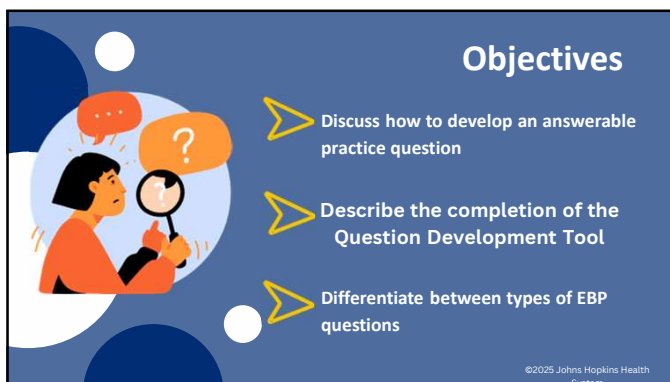
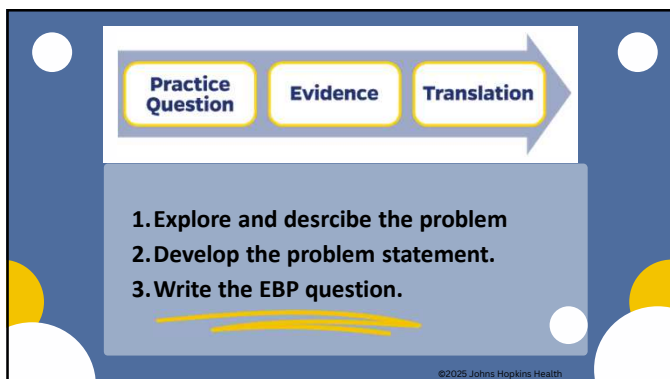




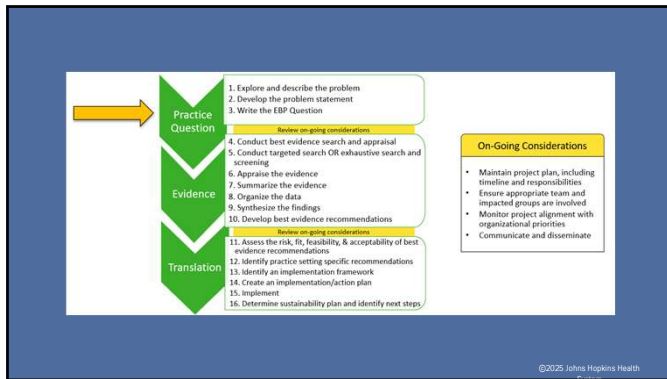
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Appendix B
Question Development Tool

1. Explore: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

2. Develop: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

3. Write: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

4. Conduct: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

5. Conduct: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

6. Appraise: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

7. Summarize: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

8. Organize: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

9. Synthesize: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

10. Develop: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

11. Assess: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

12. Identify: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

13. Identify: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

14. Create: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

15. Implement: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

16. Determine: You have identified the EBP topic. It is important to be clear and focused as the main subject of the question development process, as the main focus is on the evidence base for the topic of interest. The main focus is on the evidence base for the topic of interest.

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Will this be a broad or intervention EBP question?	
☐ Broad	☐ Intervention

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7

<i>Cast a wide net</i> <i>Produces a wide range of evidence</i> <i>No comparison to other interventions</i> <i>Provides a starting point</i> Background or Broad Question	<i>Includes specific comparisons between 2 or more methods</i> <i>Produces a limited body of evidence</i> <i>Builds on background knowledge</i> <i>Helps refine the search</i> Foreground or Intervention Question
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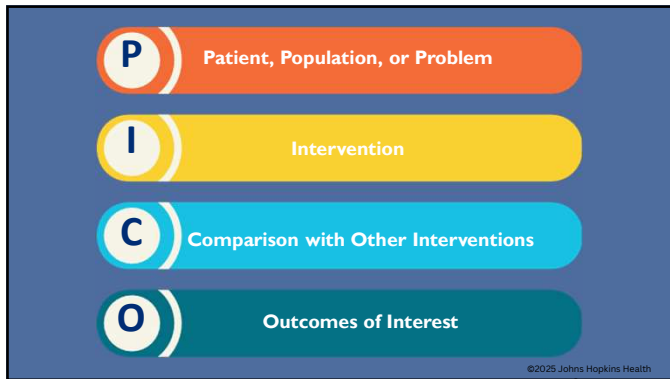
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Examples

 Broad/Background In the ICU setting, what are the best practices to decrease the number of nuisance alarms to reduce alarm fatigue?	 Foreground/Intervention According to the evidence, in adult ICU patients, what is the effect of changing the electrodes daily as compared to current practice on the quantity of monitor alarms from cardiac monitors?
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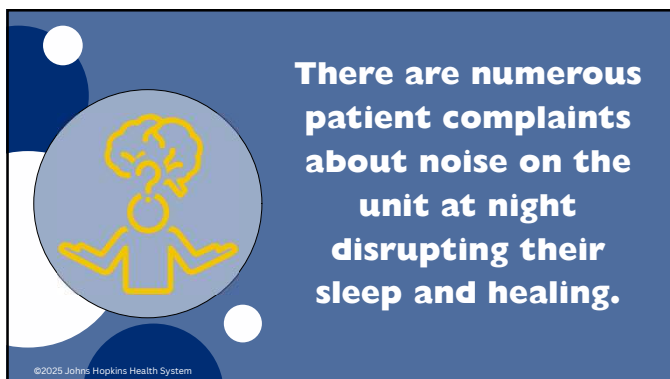
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10



11



12

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Patient, Population, or Problem

Who?
Where?

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13

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Patient, Population, or Problem

Who?
Where?

Patients on the unit? Loud nurses? Noise at night?

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There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Intervention

What?

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There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Intervention

What?

Best practices to promote sleep? Noise-reduction devices?
Scheduling of vital signs?

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16

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Comparison to Other Interventions

X

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17

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Comparison to Other Interventions

X

Current practice or N/A

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18

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Outcome of Interest



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19

There are numerous patient complaints about noise on the unit at night disrupting their sleep and healing.

Outcome of Interest



Patient satisfaction, sleep, level of noise

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20

Broad

P

Patients on an inpatient unit

I

Best practices for sleep

C

Current practice

O

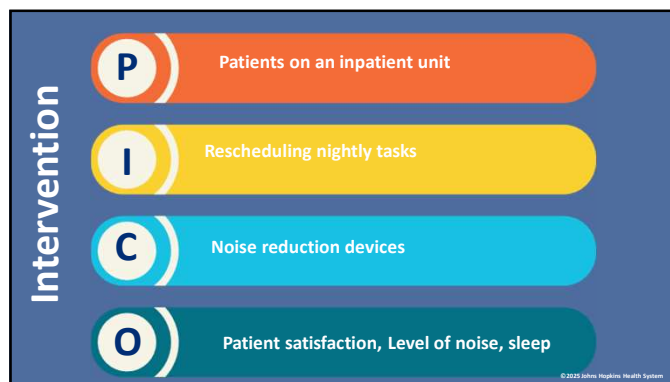
Patient satisfaction, Level of noise, sleep

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21

What are the best practices for promoting sleep on the inpatient unit to increase patient satisfaction and decrease noise?

22



23

Does rescheduling nightly tasks improve patient satisfaction, sleep, and noise disturbances better than noise reduction devices?

24



Johns Hopkins Evidence-Based Practice Model and Guidelines

Identify the relevant elements of the EBP question (some items may not be used)

Population	
Setting	
Topic (for broad questions) or Intervention(s) (for intervention questions)	
Outcomes (as needed)	

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25



Use the information above, and the sentence templates below, to construct the EBP question.

For Broad EBP Questions:
In/among _____, what are best practices/strategies/interventions for/regarding _____?
(population and/or setting) (topic)

For Intervention EBP Questions:
According to the evidence, in/among _____, what is the impact of _____ on _____?
(population and/or setting) (intervention*) (outcome)

*If comparing more than one intervention, provide the interventions and separate them with the phrase "as compared to"

Record the completed EBP question below.

If needed after a preliminary evidence search/review, record an updated or revised EBP question here.

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Broad

EBP Question:

For broad EBP questions: In/among (population and/or setting), what are best (practices/strategies/interventions) for/regarding (topic)?

In the inpatient setting, what are the best strategies to reduce noise at night?

27

Intervention

For intervention EBP questions: According to the evidence, in/among (population and/or setting), what is the effect of (intervention)* on (outcome)?

*If comparing more than one intervention, provide the interventions and separate them with the phrase "as compared to"

According to the evidence, what is the effect of carpeted floors vs. decibel meters on patient satisfaction, sleep, and noise on inpatient units?

28

Narrow your question to:



Save time

Search more effectively and efficiently



29

What are the best practices to prevent injury from a fall?

What are the best practices to prevent injury from a fall in adults?

What are the best practices to prevent injury from a fall in adult oncology inpatients?

30

EBP Questions



Narrow to make searching easier

Use structure to make the search easier

Start broad and move in

31

Thank You

kjewett1@jhmi.edu

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