

EBNP for IPAC

Workshop 3

Searching Biomedical databases worksheet

Scenario:

A 68 year old male was not feeling well, and was experiencing coughing, fatigue. He went to his physician for a check-up and was sent for CXR (chest x-ray) and diagnosed with pneumonia. He was started on antibiotic. About 2 weeks later he fell and broke his leg and was admitted to the surgical unit in the hospital. He is not showing any symptoms of c.diff but you know that asymptomatic carriers can still transmit the disease. You are wondering whether he should be screened given that his recent use of antibiotics puts him at higher risk for acquiring c.diff.

| | | |
|--------------------------|---|--|
| Question: | Should asymptomatic hospitalized patients known to have recently taken antibiotics (known to be high risk for c.diff infection) be screened for c.diff? | |
| | <hr/> | |
| P: | asymptomatic hospitalized patients known to have recently taken antibiotics (high risk) | Patient/Population |
| I: | Screening for c.diff | Intervention/Indicator |
| C: | No screening | Comparison |
| O: | Effective prevention of c.diff spread in hospital setting | Outcome (patient focused) |
| Type of Question: | Diagnosis | Therapy, Diagnosis, Etiology, Prognosis/Harm, Cost etc? |
| | <hr/> | |
| Best Evidence: | Prospective study, comparison to Gold standard | Systematic review, RCT, Cohort, Comparison to Gold Standard etc? |
| | <hr/> | |

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CINAHL: Conduct a search using these terms. Find an article that is the best evidence to answer your question.
What type of study is it?

| | Concept 1 | Concept 2 | Concept 3 | Concept 4 |
|------------------|-----------|-----------|-----------|-----------|
| Subject headings | | | | |
| Keywords | | | | |

PUBMED: Conduct a search using these terms. Find an article that is the best evidence to answer your question.
What type of study is it?

| | Concept 1 | Concept 2 | Concept 3 | Concept 4 |
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Google Scholar: Conduct a search using these terms. Find an article that is the best evidence to answer your question. What type of study is it?

| | Concept 1 | Concept 2 | Concept 3 | Concept 4 |
|------------------|-----------|-----------|-----------|-----------|
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| Keywords | | | | |