

SCREENING MODULE

Goal

At the completion of this unit the participant will be able to determine whether a report of a clinical decision analysis reaches conclusions that are both valid (true) and applicable to one's own clinical practice.

Instructional Objectives

At the completion of this session you will be able;

1. To assess the validity of an article about a screening.
2. To understand the principles that guide evidence use for topics of screening
3. To determine the applicability of screening to a particular clinical situation.

Reference

McCaffery KJ, Jacklyn GL, Barratt A, Brodersen J, Glasziou P, Carter SM, Hicks NR, Howard K, Irwig L. Moving from Evidence to Action: Recommendations about Screening Chapter 28.3, Pgs593 – 608. In, Guyatt G, Roman Jaeschke, Mark Wilson, Victor Montori, and Scott Richardson. What is evidence-based medicine. In Guyatt G, Rennie D, Meade MO, Cook DJ. Users' Guides to the Medical Literature: A Manual for Evidence-based Clinical Practice. 3rd ed. New York, NY: McGraw-Hill; 2015.

Recommended

1. Agoritsas T, Vandvic PO, Neumann I, Rochweg B, Jaeschke R, Hayward R, Guyatt G, and McKibbin KA. Finding Current Best Evidence Chapter 5, Pgs 29 - 50.
2. Montori V, Elwyn G, Devereaux PJ, Straus SE, Haynes RB, and Guyatt G. Decision Making and the Patient. Chapter 27, Pgs 547 - 560

Problem Based Educational Strategy

1. Read the clinical scenario.
2. Compose a well-built clinical (foreground) question about the clinical problem.
3. Complete a literature search using the headings from your well-built clinical question, and bring the results to the session.
4. Read the EBCP Essentials reference article.
5. Complete the attached EBCP Worksheet.
6. Determine whether the result of this screening process should change your approach to the patient/population.

Clinical Scenario

You are seeing 3 year old Stefan with recently diagnosed stage III neuroblastoma. He is accompanied by his mother, and his maternal aunt whom is obviously pregnant. After completing your history and physical examination, his maternal aunt asks if there should be a screening program to help parents know if their children could have neuroblastoma from a very young age.

You agree it is an interesting question and state you will take a look into it. You compose a well built clinical question and complete a literature search, which reveals the enclosed article. What will you tell Stefan's maternal aunt?

Medical Article

Woods WG, Gao RN, Shuster JJ, Robison LL, Bernstein M, Weitzman S, Bunin G, Levy I, Brossard J, Dougherty G, Tuchman M, Lemieux B. Screening of infants and mortality due to neuroblastoma. NEJM 2002; 346:1041-1046.