

PROGNOSIS

Objective:

To learn to apply the results of prognostic studies to clinical practice

This includes:

1. Determining the study's validity
2. Interpreting the results
3. Applying them to clinical practice

Assignment:

1. Read the scenario
2. Read the attached guidelines for reading articles concerning prognosis
3. Critically appraise the attached article using the worksheet
4. Decide how you would respond to the problem

Clinical Scenario:

You are a trauma team leader and have organized a journal club on outcomes in trauma. Specifically you would like to discuss mortality in the trauma patient. You have chosen to focus the discussions around the case of a 35 year old female involved in a high speed MVA. Her injuries include a liver laceration, closed head injury and tibial shaft fracture. Her GCS is 10 and she required 5 units of blood. She was brought in by helicopter and her vital signs on arrival were : BP 80/40, HR 120, RR 22.

You distribute the following key article to be used as a springboard for discussion.

Relevant Materials:

1. Randolph AG, Cook DJ, Guyatt GH. Chapter 20: Prognosis. In Guyatt G, Meade MO, Cook DJ, Rennie D. Users' Guide to the Medical Literature: A Manual for Evidence-Based Clinical Practice, 3rd Ed. New York, NY: McGraw-Hill; 2015.
2. Guzzo JL, Bochicchio GV, Napolitano LM, Malone DL, Meyer W, Scalea TM. Prediction of outcomes in trauma: anatomic or physiologic parameters? *J Am Coll Surg.* 2005 Dec; 201(6):891-7.
3. Bhandari M, Guyatt GH, Swiontkowski MF: User's guide to the orthopaedic literature: how to use an article about prognosis. *The Journal of bone and joint surgery* 2001; 83-A(10):1555-1564.