LSC- Montgomery PTA Program
Evidence Based Medicine Journal Club

Objectives:
1. Develop oral communication skills by presenting timely articles from the primary literature.
2. Prepare and deliver an oral presentation, summarize and critically evaluate a research article.
   a) Assess the soundness of research methods and study design.
   b) Evaluate the presentation and analysis of data.
   c) Identify strengths and weaknesses of the study.
3. Facilitate student’s understanding of evidence based medicine process and the application to the patient’s goals and treatment.

Format: The Journal Club will meet weekly during the course.
1. Select a Peer-Reviewed Journal Article. The content of the article should address classroom didactic content as much as possible.
2. Prepare a 1 to 2 page typewritten outline of your presentation to be handed turned in via e-mail to renee.m.pruitt@lonestar.edu
3. Suggested format:
   Journal Club
   Name
   Date

4. Journal Article Reference (APA or MLA)

5. Introduction
   • Study objective
   • Justification for study

6. Methods
   • Research design
   • Inclusion/exclusion criteria
   • Treatment protocol
   • Statistical tests

7. Results

8. Discussion and Application of Research Evidence

Guidelines:
• Presentation should be as independent of notes as possible. Presentation should be ~10 minutes with an additional 5-10 minutes of questions.
• State the title of the article, authors, journal name, and issue.
• Describe methods used in study. Summarize inclusion/exclusion criteria. Describe treatment given and tests to assess outcome.
• Present the results and specify which findings are statistically significant.
• State the authors’ conclusion and be able to defend or dispute these conclusions. Discuss future implications to clinical practice.
• Identify strengths and weaknesses of the study. Suggest improvements if possible.
• Provide conclusions independent of the authors’ conclusions.