LSC- Montgomery PTA Program  
Evidence Based Medicine Journal Club  

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

Format: The Journal Club will meet weekly during the fall coursework. 
1. During the Fall semester choose 1 Peer Reviewed Journal Article, during the Spring semester choose 2 Peer Reviewed Journal Articles and during the Summer semester choose 3 Peer Reviewed Journal Articles to present. The content of the article or articles 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: Name of the primary research and researchers. 
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 
   a. During the 1st Semester – Simply explain the findings and how they apply to the clinic. 
   b. During the 2nd Semester – Compare and Contrast your articles and how they (in combination) might apply to the clinic. 
   c. During the 3rd Semester – Triangulate your research findings and present a new application for the clinic. 

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.