



PHARMACY RESIDENCY PROGRAM JOURNAL CLUB PRESENTATION GUIDELINES

Objective: To be able to critically appraise and review a current primary literature article and facilitate discussion among the journal club attendees. (CPRB 3.5)

Format:

1. Discuss with preceptor regarding selection of an appropriate article.
2. Facilitated discussion, led by the resident, including either:
 - Presentation (electronic slides) by the resident to help generate discussion **OR**
 - Discussion using the article and handouts
 - Either format should follow the JAMA Users' Guide to the Medical Literature
3. The resident should demonstrate:
 - An ability to present an appropriate level and amount of background information (including study rationale)
 - A good understanding of study methodology (including study design, methods, endpoints and study limitations)
 - A valid assessment of internal validity and external validity
 - A good understanding of statistical analyses
 - An ability to interpret results (including how large is the treatment effect and how precise was the estimate of the treatment effect?)
 - An ability to facilitate discussion (validity/clinical significance of results and analysis of strengths/limitations of study)
 - A good understanding of the implications of the study (application to clinical practice)
 - An ability to summarize the critical appraisal of the article and practical considerations in application to patients at our institution
4. The journal article or topic of presentation should be emailed to the site (PM, TG, TR, TW) audience at least 1 week in advance.

Residents will be assessed using the Pharmacy Resident Presentation Evaluation form and the parameters listed below.

Content:

The resident should:

- Present the article in a clear, concise and systematic manner.
- Be able to formulate an opinion regarding the impact that the research may have on practice and be able to formulate a conclusion independent of the study author.
- Demonstrate a thorough understanding of the study rationale, study design, methodology, statistical analysis, results, and conclusion.
- Be able to place the results of the article in the context of the overall management of the specific disease state/condition/topic being assessed.
- Demonstrate a good understanding of the questions and ability to respond accurately and with confidence.

Delivery:

The resident should demonstrate:

- Use of appropriate non-verbal communication such as maintaining good eye contact with audience at all times
- Enthusiasm about the material presented
- An ability to engage the audience through facilitated discussion with the journal club attendees
- An ability to maintain an adequate pace which should be slow enough for understanding but quick enough to prevent inattention
- An ability to deliver the presentation in the time allotted ensuring sufficient time for questions

Presentation and Visual Aids

The resident should:

- Present the components of the article in a logical manner
- Provide copies of the journal article in a timely fashion
- Ensure handouts are organized and add value to the discussion (if used)
- Ensure that slides are uncluttered, legible and easy to understand

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