

**CVER Journal Club 2021**  
**---Logistics discussion**

# Its hidden history

- “A group of participants with shared research interests and practice who meet regular to discuss the appropriateness of current research articles.” (Linzer, 1987)
- **Scope**
  - Study design
  - Data analysis
  - Conclusions drawn
  - Potential applications of the research to practice and patient care

# Goals

- Keeping up-to-date with the literature
- Teaching critical appraisal skills
- Promoting evidence-based medicine (EBM)
- Provide continuing education S Promoting social interaction
- Common in medical and health education training programs.

# Reasons for Journal Club

- Learn and improve critical appraisal skills
- Encourage evidence-based medicine (EBM)
- Stay up-to-date with the literature
- To make sound and unbiased evidence-based recommendations
- Develop critical thinking skills (practice & academia)
- Improve understanding of current topics
- Provide continuing education
- Promote research skills
- Promote social contact
- Stimulate debate

# Guideline and logistics

- Types—The type of journal club used will help define the purpose and focus
- Focus — May Vary vary based on the needs of the participants
- Article selection—Generally original research based on the focus area(s)
- Preparation—Expectations for preparation should be set up front
- Timing—Always end the journal club on time
- Presentation—Critical appraisal tools help with timing and format
- Leadership—Having a designated leader improves journal club effectiveness
- Presenter—It is most common to have a single presenter at each journal club
- Environment—Rooms of adequate size that promote eye contact improve participation
- Audience—Participants with similar clinical interests is beneficial
- Feedback—Periodic feedback on the logistics and format of the journal

# How to organize in 5 simple steps

- Gather a group
- Pick a meeting time
- Determine a speaker order
- Speakers choose article (or discussion topic)
- Speaker presents to group and answers questions

## **CVER Journal Club 2021 Sign Up**

<b>Activity</b>	<b>Proposed Week</b>	<b>Leader(s)</b>	<b>Facilitator(s)</b>	<b>Topic/Publication(s)</b>
1 (Orientation)	27-Sep			Logistics
2	4-Oct			
3	18-Oct			
4	1-Nov			
5	15-Nov			
6	29-Nov			

# Proposed Thematic Groups

## Classic study designs

- Descriptive
- Analytic
- Experimental

## Methods

- Meta-analysis
- Causal inference methods
- Systematic narrative reviews

## Emerging epi techs

- Teaching better
- New methods in field studies
- Molecular and genetic epi



# References

- Journal Club Basics Lecture
- <https://www.youtube.com/watch?v=zZ5wb8eswZQ&t=200s>
- Journal Clubs: 1. Origin
- <https://ebm.bmj.com/content/22/6/231>
- The journal club and medical education: over one hundred years of unrecorded history
- <https://pmj.bmj.com/content/postgradmedj/63/740/475.full.pdf>
- Mentoring from the diverse lens of epidemiologists reveals a dynamic and mutually rewarding relationship
- <https://www.acepidemiology.org/assets/docs/Forman%20et%20al.%202021%20Annals%20of%20Epidemiology%20-%20Mentoring.pdf>

# **Discussions**