**Journal Club Presentation Guide**

**Oral presentation should be 5-10 minutes**

**Purpose of the presentation is to provide a concise summary and critical appraisal of the paper**

*A good presentation requires you to know the trees but present the forest*

1. Big picture one-liner (e.g., “double-blinded sham-controlled RCT of the effect of lower leg tattoos on self-esteem and social perception among adult men“)
   1. Also share Author/Group, Journal, Date
2. **Why?**
   1. Background info to put study into context
   2. What exactly is the knowledge gap this study is trying to fill?
3. What is **hypothesis / research question**?
   1. If relevant, present PICOT (i.e., interventional trial)
      1. Patient population
      2. Intervention
      3. Comparison
      4. Outcome(s)
      5. Time (study duration)
      6. EXAMPLE = “In adult women with SUI (P), what is the effect of electrical stimulation (I) compared with pelvic floor exercises (C) on quality of life (O) at 1 year (T)?
4. **How?**
   1. Design (RCT, cohort, cross-sectional, etc)
      1. Describe how accomplished – things you will focus on depend on design
   2. Statistical methods
      1. Consider power analysis
5. **Results**
   1. Useful to walk through figures and tables ; highlight key results
6. **Critical appraisal**
   1. Strengths / weaknesses / biases
7. **Bottom line**:
   1. Do the results support authors conclusions?
   2. Do you think this paper will change your practice? If so, how?

[**https://www.bjaed.org/article/S2058-5349(21)00128-1/fulltext**](https://www.bjaed.org/article/S2058-5349(21)00128-1/fulltext)

**Table 1Free-to-access checklists to guide critical appraisal of the scientific literature.**

| **Resource** | **Description** | **Access** |
| --- | --- | --- |
| *Critical Appraisal Skills Programme* | Checklists for appraising RCTs, systemic reviews, qualitative, cohort, case control and diagnostic studies | <https://casp-uk.net/casp-tools-checklists/> |
| *BMJ Best Practice* evidence-based medicine toolkit | Checklists for appraising two-armed RCTs, multiple-armed RCTs, diagnostic test studies, systematic reviews and multiple systematic reviews on the same question | <https://bestpractice.bmj.com/info/toolkit/ebm-toolbox/critical-appraisal-checklists/> |
| *Centre for Evidence-Based Medicine* critical appraisal tools | Checklists for appraising systematic reviews, diagnostic and prognostic studies, RCTs, qualitative studies and reviews based on individual participant data | <https://www.cebm.ox.ac.uk/resources/ebm-tools/critical-appraisal-tools> |
| Equator Network library for health research reporting | Reporting checklists for numerous study types, including RCTs, observational studies, systematic reviews, diagnostic and prognostic studies, qualitative research and quality improvement studies | [https://www.equator-network.org](https://www.equator-network.org/) |