**Evidence-Based Medicine**

Practical Session 10: Therapy Articles

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**Objectives**

At the end of this session, the participants should be able to critically appraise a randomized controlled trial in groups.

**Instructions**

1. Work in small groups.
2. Find two different clinical practice guidelines on the same topic. For example:
   1. Uncomplicated Bacterial Community-Acquired Urinary Tract Infection in Adults (<https://www.aerzteblatt.de/int/archive/article/195332/Clinical-practice-guideline-Uncomplicated-bacterial-community-acquired-urinary-tract-infection-in-adults-epidemiology-diagnosis-treatment-and-prevention>)
   2. Brennen beimWasserlassen (<https://www.degam.de/files/Inhalte/Leitlinien-Inhalte/Dokumente/DEGAM-S3-Leitlinien/053-001_Brennen%20beim%20Wasserlassen/053-001l_Brennen%20Wasserlassen_Langversion_29-08-18.pdf>)
3. Appraise the two guidelines using the AGREE II instrument.

**Instructions**

1. Work in small group
2. Appraise the following randomized control trial:

Schmidt B, Davis P, Moddemann D, Ohlsson A, Roberts RS, Saigal S, Solimano A, Vincer M, Wright LL; Trial of Indomethacin Prophylaxis in Preterms Investigators. Long-term effects of indomethacin prophylaxis in extremely-low-birth-weight infants. N Engl J Med. 2001 Jun 28;344(26):1966-72. PubMed PMID: 11430325.

<https://www.ncbi.nlm.nih.gov/pubmed/11430325>

1. Use the RCT appraisal form provided by the CEBM: <https://www.cebm.ox.ac.uk/files/ebm-tools/rct.pdf>