**Evidence-Based Medicine**

Practical Session 14: Bias and Confounding

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**Objectives**

This group work aims to develop participants’ skills to to appraise scientific evidence concerning bias and confounding in scientific articles.

**Instructions**

1. Work in small groups (30 min).
2. Article to be appraised: “Braithwaite I, Hunt A, Riley J, Fingleton J, Kocks J, Corin A, Helm C, Sheahan D, Tofield C, Montgomery B, Holliday M, Weatherall M, Beasley R. Randomised controlled trial of topical kanuka honey for the treatment of rosacea. BMJ Open. 2015 Jun 24;5(6):e007651. doi: 10.1136/bmjopen-2015-007651. PMID: 26109117; PMCID: PMC4480029. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4480029/pdf/bmjopen-2015-007651.pdf>”
3. Use the following table

|  |  |  |  |
| --- | --- | --- | --- |
|  | High risk | Low risk | Unclear |
| Selection Bias |  |  |  |
| Application Bias |  |  |  |
| Measurement Bias |  |  |  |
| Attrition Bias |  |  |  |
| Publication Bias |  |  |  |
| Confounding |  |  |  |

1. Discuss your appraisal with the class (10 min)