The Core Outcome Set in oSDB Development Process

**What**
A core outcome set (COS) is a minimum set of outcomes (measures) that should be reported in all trials in a specific disease area. These outcomes can also be used in other observational and interventional research. Importantly, patients, parents and other relevant stakeholders are central to the development of a COS.

**Why**
A COS in childhood oSDB would maximise the value of future research by developing outcomes which are important to children and those who care for them. Furthermore, it would reduce heterogeneity in outcome measures across studies, which currently limits the strength of conclusions and the applicability of findings.

**How**

1. **Identification of Outcomes Measures**
2. **Systematic Review of Outcomes**
3. **Longlist of Outcomes**
4. **Classification of Longlist of Outcomes**
5. **Focus Group**
6. **Round 1**
7. **Round 2**
   - **Consensus ‘in’**
   - **Consensus not reached**
   - **Consensus ‘out’**
8. **Consensus meeting**
9. **Outcomes discussed**
10. **Included**
11. **Excluded**
12. **Final COS**

The Delphi Consensus Process

- **Round 1**
  - **Longlist of outcomes**
  - **Outcome scoring (of importance) - 1 to 9**
  - **Stakeholders chance to add new outcomes**
  - **All outcomes retained – criteria not applied**
  - **Round 1 results displayed as histograms**

- **Round 2**
  - **Rescoring of all outcomes**
  - **Criteria applied**
  - **>70% (Critical importance) & <15% (Unimportant)**
  - **<50% (Critical importance)**
  - **...in Group 1 & any other two groups**

- **Consensus ‘in’**
- **Any other combination**
- **Consensus ‘out’**
- **Consensus not reached**

References