

### **Appendix 1: Search strategy**

PubMed and Medline (1966 to September 2020) were analysed for articles containing the key search terms such as "FeNO", "fractional exhaled nitric oxide", "paediatric\$", "child\$" and "asthma". Boolean operators ('AND', 'OR' and 'NOT') were used to combine these search terms, as well as synonyms. Limits included: human and English language only.

The search returned 45,326 abstracts. After cross-checking with secondary sources (including the Cochrane library, nursing and dental journals), 3241 RCTs, 6 relevant meta-analyses and 1 relevant Cochrane review (2009: re-reviewed 2016) were identified.