

10,200 articles yielded from initial search

- **5620** - Pubmed
- **2858** - Embase
- **1722** - Africa Wide Information

2303 excluded after removal of duplicates

7815 excluded after scanning titles/abstracts

47 excluded after review of full article (see **Additional File A2**)

- 16** - Cohort not representative of children with malaria
- 14** - Predominantly adults
- 8** - Microbiological data incomplete or not reported
- 7** - Unable to extract sufficient data
- 6** - Cohort described elsewhere in another paper
- 4** - Not sub Saharan Africa

4 articles included after scanning reference lists from selected articles

25 articles included in final analysis