**Sub-Patent Malarial Infections Literature Review- Update on Okell et al, 2011.**

**Two Databases Searched: PubMed and Web of Science.**

**Keywords: (“PCR” OR “Polymerase Chain Reaction”) AND “falciparum”.**

**Search Results:**

* **Web of Science:**
  + **3887 results, down to 1796 after applying date filters (2011 to present).**
  + **Uploaded into Mendely, yielded 1795 results (1 presumed duplicate, removed by Mendeley).**
* **PubMed:**
  + **3555 results, down to 1495 after applying date filters (2011 to present).**
  + **Uploaded into Mendeley, yielded 1493 results (2 presumed duplicates, removed by Mendeley).**
* **In total:** 
  + **With Mendely having sorted through and removed any records that were duplicates with Web of Science results, there were a total of 2136 results.**

**Both raw search results have been saved both in Mendeley and on my personal profiles of each website.**

**Initial Abstract Screening Round 1 done 21st July 2017.**

* **Only loosely followed exclusion criteria. Rough first pass.**
* **Yielded 337 records.**
  + **Will be followed by a second round of screening to further narrow it down.**
* **After second round of screening, 231 documents.**
  + **+3 that Hannah emailed me about, total 234.**

**Full Record Screening Done.**

* **70 records identified. These include:**
  + **68 from the screening (including Walldorf et al, not yet added to the excel spreadsheet).**
  + **Goncalves et al, Tadesse et al, which hadn’t been published when I conducted the search, but that Hannah sent over following.**

**In actual fact, a total of 60 references were included.**

**Inclusion Criteria:**

* **Studies reported data allowing calculation of asexual *P.falciparum* by microscopy OR RDT AND PCR, in the same sample of individuals.**

**Exclusion Criteria:**

* **Study participants chosen on the basis of symptoms.**
* **Study population came from a defined geographical area.**
* **Measures not taken in patients recently treated as part of a study (e.g. MDA).**
* **Not pregnant-women only samples**
* **Not gametocyte measures.**

**Search Results for Updated Review (Conducted 11th October 2020):**

* **Web of Science:**
  + **1032 results in the period 1st January 2017 – 11th October 2020.**
  + **183 of those published in the period 1st January 2017 to July 19th 2017. 184th article (ordered by date), was then published on July 25th 2017.**
* **PubMed:**
  + **899 results in the period 1st January 2017 – 1th October 2020.**
  + **Approx. 145 of those published in the period 1st January 2017 to end of July 2017. (Will need to import into EndNote and check dates as PubMe not s good for this as WoS).**
* **In total:**
  + **With duplicate removal by EndNote (430 duplicates detected), there were a total of 1501 unique records, which were then imported into Covidence.**
  + **Covidence then removed another 314 duplicates, bringing the number to be screened to 1187.**

**Initial Abstract Screening Round 1 Done 11th October 2020:**

* **After initial round of Title and Abstract screening, 286 records were included.**

**After Full Record Screening, a total of 61 texts were retained for inclusion.**

**Assuming that 130 of the Jan to July 2017 refs are shared between WoS and PubMed gives us 198 total from previous search in this search’s total. See PRISMA diagram for more details.**