**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.**

**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 second round of Title and Abstract screening, \_\_\_ records were included.**

**After Full Record Screening (Done \_\_ October 2020), a total of \_\_\_ texts were retained for inclusion.**