Burden

- Most pregnancies in malaria endemic areas occur in the Asia-Pacific region.
- The infection risk is lower than in endemic Africa, and these infections are known to be harmful to the individual.
- We talked a bit about how low is ‘low’; definitions vary by country.
- Sub-patent, vs asymptomatic, vs patent and patent-symptomatic.
- Prevalence of sub-patent infection is much higher than anticipated 7 years ago when these studies were designed.
- Do they matter ??? We have the data. Analysis planned.
Case-management of non-severe malaria in pregnancy

• Existing policies reasonably consistent with WHO’s recommendations
  – 1\textsuperscript{st} trimester QN+
  – 2\textsuperscript{nd} and 3\textsuperscript{rd} : ACTs (Pf/pv)/ CQ (Pv)
  – All countries have a policy

• Policy relevant findings
  – ACTs appear as safe as QN in 1\textsuperscript{st} trimester, better tolerated and easier to give: WHO is in the process of reviewing their 1\textsuperscript{st} trimester strategy; Chemotherapy TEG December 2017; report Q1 2018?
  – 14d regimens with primaquine for radical cure may be safe to give during lactation? WHO Chemotherapy TEG Dec 17?

• Results from India showing excellent efficacy of SP-AS and MQ-AS
Prevention of MiP

• Existing Policies vary widely between countries
  – None, weekly CQ prophylaxis in selected women, SST, IST

• Heard about studies looking at alternative prevention strategies for MiP in South-East Asia
  – First prevention studies in the region
  – SST, IST, IPT

• Were conducted in areas with moderate to low transmission (microscopy+ at enrolment: 7-8% in PNG and in Papua-Indonesia, 2.5%-3% in India); i.e. not ‘high’ transmission
Prevention of MiP

• IPTp: There could be a role for IPT in moderate transmission areas such as PNG Papua Indonesia
  – Trials with SP-AZ and with DP
  – IPTp-DP, might needs implementation studies, as preventive use of drugs is a new concept
  – DP well tolerated, but some refusals in Timika; 3-day regimen; adherence etc?

• Role IST? Added benefit over SST? Cost-effective?
  – Well accepted, popular, might have secondary benefits to ANC attendance.

• Repeated requests for hs-RDTs
  – We need one for pan-species (pLDH)

• Some countries in the process of introducing; SST?
• Best prevention is to eliminate malaria!