

VCWG work stream 3
 Annual Meeting, session 5 – May 5, 2022
 Q&A in chat function

<i>Note: Questions and responses may have been edited for clarity.</i>	
Session 3 Theme: Capacity and Collaboration	
Facilitators: Mark Hoppé	
Presentation: New WHO procedures and insecticide discriminating concentrations for monitoring resistance in adult mosquito vector, Rajpal Yadav	
Questions/Suggestions	Replies
Ole Skovmand: Especially with the increased use of larvicides, will there be an update of resistance testing for larvicides?	The list of DCs for larvicides was updated in 1985 and there are further studies being coordinated by WHO. It is our next priority, but they are dependent on financial resources. WHO will look for these resources to fill these knowledge gaps.
James Austin: Since R test for chlorphenapyr should be run by night, will that be the same for testing nets with chlorphenapyr?	It is not technical practical to test these nets during the night. With WHO did not do any test during night-time, all standardization has been done during daytime.
Michael Macdonald: A <90% efficacy in bottle assays to chlorfenapyr is not necessarily resistant beyond a need to denote CDC bottle method outcomes at the local level. It's MoA and physiological/biochemical demands would suggest poor conversion rates for this pro-insecticide owed to dissipation from parent to active drug form with this method as influenced by mosquito activity/inactivities before, during and after exposures...very important to consider this before leaping to "resistance". I would reference Oxborough et al. 2015 where modality of testing is highly influential as it addresses many conflating factors.	
Presentation: The APMEN Online Resource Exchange Network for Entomology (http://orene.org) - Leo Braack, Shobiechah Aldillh Wulandhari and many others	
Questions/Suggestions	Replies
Manuel Lluberas: Also note ORENE gives equal space to <i>Aedes</i> biology, surveillance and control (something we should think about in RBM VCWG).	
Presentation: Updates from the Vector Global Hub, Frederik Seelig	
Questions/Suggestions	Replies
Silas Majambere: RE: Ukraine VBD risk: During the big immigration crisis in the "Balkan Corridor" lice were a big issue with fears of outbreaks of louse-borne typhus (issue	

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addressed by MSF/B. Case study in https://endmalaria.org/vector-control-humanitarian-emergencies	
Silas Majambere: Could the course (The Global Challenge of Vector Borne Diseases and How to Control Them) be made free?	
Dr Filemon: PMI has released few documents regarding <i>An. stephensi</i> , Are those documents already featured in the Resources page in Vector Global Hub?	
Dr Filemon: I'd like to echo @Silas - language accessibility is a major issue, and we plan to include versions in French, Spanish and Portuguese.	
	Also inviting anyone at VCWG who would volunteer to teach (online) anything on 'practical' mosquito control to get in touch - French speakers very welcome.
<i>Anopheles stephensi</i>	
Presentation: Feedback from the VCWG's <i>An. stephensi</i> meetings, and proposed response- Justin McBeath, Bayer	
Questions/Suggestions	Replies
Ole Skovmand: <i>An.stephensi</i> changes malaria from a more rural disease to an urban one which changes the whole dynamics of malaria control.	