

"How concerned should we be about simian malaria?"

Tuesday, 6th December 2022. 1 PM Singapore time.

Sumodan Pk	Question to Dr. Vythilingam. Why <i>Pk</i> transmission is confined to Southeast Asia? Is there any possibility for its expansion to other areas, especially south Asia?
Dr Indra Vythilingam	Well there has been reports of <i>pk</i> in Andaman Islands
Sumodan Pk	Were those cases indigenous transmission?

Richard Culleton	Why does non-human primate malaria increase in prevalence (in humans), when the prevalence of the 'human' malaria parasites declines?
Dr Indra Vythilingam	Perhaps due to loss of immunity.

Prudence Hamade	Is chloroquine effective in treating simian malaria or should all cases be treated with ACT?
All speakers	This question has been answered live: https://youtu.be/BzDHYj2PKIlg?t=6758

NANTHA KUMAR JEYAPRAKASAM	Question to Dr Ibrahim: Thank you for your presentation. In your opinion, why there is significantly lower cases of <i>Pk</i> reported in Kalimantan borneo compared to Malaysian Borneo, although they are neighboring countries sharing similar ecotypes, vector and macaques hosts? Thank you
	This question has been answered live: https://youtu.be/BzDHYj2PKIlg?t=6269

Tenzin Wangdi	If the treatment works, will miss diagnosis have any impact on the control of simian malaria (<i>Pk</i>) given that there are not much proven options in the control
	This question has been answered live

Richard Culleton	To Dr Kelley: I was a little unsure about whether or not <i>Pk</i> transmission will negate malaria-free certification or not - you suggested it would be dealt on a case by case basis, and linked to an assumed (or measured) risk? What are the criteria for assessing such risk? Also, what about countries in which <i>Pk</i> transmission is only a problem in a specific region - how does certification proceed in this situation?
	This question has been answered live: https://youtu.be/BzDHYj2PKIlg?t=4604

Vani C	Briefly explain the clinical presentation of simian malaria in humans and monkeys?
Dr Indra Vythilingam	This question has been answered live: https://youtu.be/BzDHYj2PKIlg?t=5045

Suman Lata Wattal	<i>P.knowlesi</i> and other zoonotic parasites are important . Is it possible to specify the geographical areas of distribution of Pk in Indonesia? Can its spread from forests to other areas be specifically traced? Would be interesting to know this.
	This question has been answered live

amila ratnayake	can <i>An.culiciphasis</i> transmit pk or is it only <i>An.leucosphyrus</i> ?
	This question has been answered live

BINA DAS	I have one question I see very few studies regarding resting places of vector species which is very important to know HBI
	This question has been answered live

Tenzin Wangdi	Dr. Ibrahim. If Pk is misdiagnosed as Human Malaria, does it respond to the treatment. Is the treatment regimen different?
	This question has been answered live: https://youtu.be/BzDHYj2PKlg?t=6492

Chat Box

Wulan	Dr Ibrahim: as you mentioned that majority of confirmed cases of <i>P.k</i> in Indonesia was in North Sumatera region, could you please elaborate why this happened? it's because of the surveillance capacity is better in North Sumatera? or due to more research there? or other things.
Dr Ibrahim Said & Bram van de Straat	This question has been answered live: https://youtu.be/BzDHYj2PKlg?t=5432

Ranjith De Alwis	Dear Prof. Indra- Thanks very much for your informative presentation. What about <i>P malariae</i> reporting in some countries– Some of them were PK or other simian. Can Similarity between Pm and Pk under microscopy bring this difference.What is the best method for confirmation – PCR?

Dejene	Thank you very much all for you nice presentation. My question is, why Knowlesi malaria is restricted to Asian countries like Malaysia? Is it due to the presence of this monkey there or the the parasite nature? Does the parasite able to develop in other monkey species?
Dr Indra Vythilingam, Leo Braack	This question has been answered live: https://youtu.be/BzDHYj2PKlg?t=7233

Arega Tsegaye	Is there Extra sensitive RDT for P.K and other simian rather than PCR

Arega Tsegaye	What about miss dig& treatment in the rest of malaria endemic areas and environmental modified areas b/c most of them forest area ? WHO
Duriyang Narapakdeesakul	To Professor Indra, is it possible that the simian malaria parasites in non-human primates besides macaques, such as in leaf monkeys (langurs), transmit to humans through Anopheles vectors also?
Nurul Athirah	All speakers: Thank you for the great sharing Prof Indra, Dr Bram and Dr Ibrahim. I would like to ask, 1) is there any possibilites of natural reservoir besides the macaques? 2) many of the affected population are living in rural areas, thus the livelihood and lifestyle are surrounded by the forest. What is your opinion on the extend of current preventive measures, and in what ways it could be improved? 3) to Dr Ibrahim, is the malaria screening free of charge in Indonesia? Thank you!
	This question has been answered live: https://youtu.be/BzDHYj2PKIg?t=6604 https://youtu.be/BzDHYj2PKIg?t=6731