

DIRECTIVE FOR DOXYCYCLINE PROPHYLAXIS IN FLOOD AFFECTED AREAS IN KERALA (as on 15.08.2019)

CATEGORY	EXPOSURE	RISK	ACTION
0	<u>No contact*</u> with flood waters, muddy, polluted water or dead/sick animals.	No risk	No need for doxycycline
1	<u>One time contact*</u> (with intact skin)with flood waters, muddy, polluted water or dead/sick animals	Low risk	Doxycycline^ 200mg (100 mg x 2 tablets) once weekly for 2 consecutive weeks [#] .
2	<u>Continuingcontact*</u> (with intact skin) with flood waters, muddy, polluted water or dead/sick animals. (eg: rescue/relief personnel, local residents with similar contact)	Moderate risk	Doxycycline 200mg once a week as long as the exposure continues.
3	<u>Any contact*</u> with flood waters/soil/mud when there are wounds/cuts/ open lesions of the skin or accidental ingestion of contaminated water. (eg: rescue/relief personnel, local residents with similar contact)	High risk	Doxycycline 100 mg twice daily for 5 days. Ensure weekly prophylaxis as long as exposure continues**.

*Contact- walking, swimming, bathing, washing in flood waters, mud, polluted water, soil or contact with sick or dead animals, cleaning flood affected materials like furniture, utensils, floor, walls, personal belongings etc

^Doxycycline should be consumed with a full glass of safe drinking water after food.

Considering the possibility of ongoing exposure. Directives may be revised as needed based on reassessment of the situation.

****As far as possible reduce the risk of exposure by using personal protective equipment like rubber boots, heavy duty/utility gloves.**

SPECIAL SITUATIONS:

Category	Chemoprophylaxis	Remarks
Pregnant and Lactating Mothers	Amoxicillin 500mg eight hourly for 5 days. In penicillin allergy- Azithromycin 500mg once a week	Doxycycline is Contraindicated in pregnancy and lactation
Children 2-12 yrs	Doxycycline 4mg/kg body weight, once weekly.	-
Children <2 yrs	Azithromycin 10mg/kg body weight, once weekly.	-

NB: There is no upper age limit for consumption of doxycycline.
No dose modification is required for doxycycline in patients with kidney disease.