

## DIRECTORATE OF HEALTH SERVICES

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### FLOOD – PREVENTION AND CONTROL OF COMMUNICABLE DISEASES ACTION PLAN

Sl no:	Area of Action	Actions	Organization	Action period
1	Cleaning	a. Removing the dumped waste  b. Disinfection of the area from where waste is removed	Local self government Volunteers  Kudumbasree members Arogya Sena members	Soon after the water level decreased  Soon after the cleaning
2	Prevention of Water borne disease	a. Ensure safe drinking water  b. Cleaning the sources of drinking water  c. Distribution of Chlorine tablets , method of usage and training.  d. ORS Depot arrangement  e. Ensure testing of blood/stool/Rectal swab of patients with water borne diseases  f. Testing the quality of drinking water	Water authority / Local self government  ASHA workers/ Health workers/ Arogya Sena workers  ASHA workers/ Health workers/ Arogya Sena workers  Health Workers  Doctor who is treating/ Head of the Institution  Water Authority/ Food Safety Dept.	Soon after the water level decreased  Soon after the water level decreased/ Intermittent days during first week, after that twice in a week till 2 months.  Soon after the water level decreased  Soon after the water level decreased One Depo for 10 to 15 houses  Whenever the water borne diseases are reported  Whenever necessary

3	Control of Leptospirosis	<p>a. Distribution of Doxycycline</p> <p>b. Sensitization to avoid self treatment and to seek medical aid.</p> <p>c. Ensure availability of medicines and other related accessories.</p> <p>d. Ensure availability of treatment protocol, training of doctors in private and public sectors.</p> <p>e. Strengthening of Health Care facilities</p>	<p>ASHA workers under the supervision of Health workers/ Arogya Sena workers</p> <p>ASHA workers/ Health workers/ Arogya Sena workers</p> <p>Head of the Institutions</p> <p>DMO/ DSO/ DEMO</p> <p>DMO/ Head of the institution</p>	<p>From the beginning of the flood itself</p> <p>From the beginning of the flood itself</p> <p>From the beginning of the flood itself</p> <p>Whenever necessary</p> <p>Whenever necessary</p>
4	Prevention of food poisoning	<p>a. Ensure quality of food items stored in Anganvadies and schools</p> <p>b. Proper disposal of spoiled food items stored in anganvadies and schools and ensure availability of fresh food items.</p> <p>c. Ensure food items stored in houses during the flood are safe to consume.</p>	<p>PHC team/ Food safety authorities</p> <p>Dept. of Women &amp; child development. Education Dept.</p> <p>ASHS workers/ Health workers/ Arogya Sena workers/ Anganvadi workers</p>	<p>Soon after the water level decreases</p> <p>After assessing the quality of food items.</p> <p>Soon after the water level decreases</p>
5	Other diseases	<p>a. Ring worm infection to be treated with Clotrimoxazole, Gentian Violet, Antibiotics (for Diabetics) and awareness creation.</p> <p>b. Treatment and sensitization against Conjunctivitis</p>	<p>ASHA workers/ Health Workers/ Arogya Sena workers, under the supervision of medical Officers</p> <p>ASHA workers/ Health Workers/ Arogya Sena workers, under the</p>	<p>Whenever necessary</p> <p>Whenever necessary</p>

		c. Chicken pox – Isolation, awareness creation.	supervision of medical Officers ASHA workers/ Health Workers/ Arogya Sena workers, under the supervision of medical Officers	Whenever necessary
6	Mosquito borne diseases	a. Special Review meeting of District DVC unit	Under the supervision of DSO/ Biologist/ TA	Soon after the water level decreases
		b. Study of vector density and observation for larvae in the flood affected areas	Biologist/ HS/ HI/ JHI	One week after water level decreases.
		c. Fogging squad	DVC Unit/ Health Workers	Whenever necessary
		d. Collection and Identification of Mosquito	Insect Collector/ DVC Unit	One week after water level decreases
		e. Spraying of Insecticide in waste water collections	Biologist	Whenever necessary
		f. Ward level Study of vector density, larval indices.	PHC team/ DVC unit team	
		g. Cross checking of Ward level Study of vector density, larval indices.	DVC unit team/ State Entomology team	Whenever necessary
		h. Dry day	House owner Institutions, Schools	Every Sunday Every Saturday Every Friday
		i. Supply of Guppy Fish	PHC team/ DVC unit team	Whenever necessary
7	Other Health Issues	a. Snake bite – awareness of first aid	ASHS workers/ Health workers/ Arogya Sena workers	Soon after the water level decreases
		b. Snake bite – transport of patients to treatment centres ( GH, DH, MCH )	Local self government/ Health Workers/ 108 ambulance service	Whenever necessary
		c. Health education about possibility of electrocution from damaged electronic items during flood.	ASHS workers/ Health workers/ Arogya Sena workers	Soon after the water level decreases

		d. Palliative/ destitute – special monitoring	Ward Member/ Palliative team/ ASHA workers	Whenever necessary
8	Psychological issues	a. Special camps to be conducted	Nodal Officer - District Mental Health Program	Whenever necessary
9	Control of Non communicable diseases	a. Special care of patients with NCD	ASHA workers/ Health Workers	Whenever necessary
10	IEC/ BCC activities	a. Ward level classes, group discussions, bit notices, display poster b. Personnel communication during house visit.	Medical Officer/ Health Workers ASHA workers/ Health Workers	Whenever necessary as per existing rules
11	Disease surveillance and reporting	a. From PHC to district level b. Collection and testing of samples for confirmation of diseases	Health Workers Health Workers	as per existing rules as per existing rules
12	Legal interventions	a. Issuing of notices as per PH act to people creating situations leading to communicable disease occurrence. b. Taking legal actions as per pH act against people creating situations leading to communicable diseases. c. Taking legal actions against Institutions which fail in proper waste disposal, as per Kerala Panchayati Raj act or issuing letter to panchayath Secretary regarding transferring the power mentioned to health workers as per 184 <sup>th</sup> section of act.	Medical Officer/ HI/ JHI  Deputy DMO/TA grade 1, Block Medical Officer/ Health Supervisor  DD Panchayath (Concerned DMOs to issue the letter to DD Panchayath)	Whenever necessary  Whenever necessary  Whenever necessary
13	Other activities	a. Constituting Medical team under emergency situation.	DMO	Whenever necessary

		<p>b. Ensure availability of medicines, treatment aids in all Health Institutions in the district.</p> <p>c. Conducting medical camps</p> <p>d. Effective utilization of the service of Laboratories for confirmation of diseases</p> <p>e. Working of Mobile laboratories</p> <p>f. Availability of water Ambulance service</p> <p>g. Ensure the service of required staff in institutions during holidays.</p>	<p>SVO KMSCL Manager Pharmacist State authorities</p> <p>DSO, DPM, Institution heads, under the supervision of</p> <p>DMO Head of the Institutions</p> <p>DPM DLT</p> <p>DPM</p> <p>DMO Head of the Institutions</p>	<p>Whenever necessary</p> <p>Whenever necessary</p> <p>Whenever necessary</p> <p>Whenever necessary</p> <p>Whenever necessary</p> <p>Whenever necessary</p>
14	Important things to be noted	<p>a. Ensure IP service for children and elderly patients.</p> <p>b. Ensure availability of medicines to patients on continuous medication.</p>	<p>Health Workers Head of the institution.</p> <p>Health Workers ASHA workers</p>	

ADHS (PH) &amp; SSO.