

Appendix 3. Strategic pillars, focus areas, medicines/vaccines and diagnostic tools for control and elimination of NTDs in the Western Pacific Region

Strategic pillars (SP)	SP1. Catalyzing coordinated multisectoral actions		SP2. Enhancing interventions and service delivery									SP3. Engaging and empowering communities	SP4. Measuring impacts and generating evidence				Sources
Focus area	1. Strategic planning and programme review	2. Advocacy and partnership	3. Supply and logistics management	4. Intervention and service delivery								5. Health risk communication and social mobilization	6. Surveillance, laboratory and HIS			7. Research and innovation	
				Community (or school) based				Primary- or secondary-care based					Community (or school) based	Primary-care based	Secondary-care or lab based		
				PC	Veterinary	VC	WASH	Rehabilitation	Case treatment	Wound care	Surgery						
Buruli ulcer	✓	✓	✓					✓	Antibiotics	✓	✓	✓	Surveillance	Clinical, Microscopy	Clinical, Microscopy, PCR	✓	1-5
Echinococcosis	✓	✓	✓	ALB	PZQ (dog) EG95 (lamb)		✓		ALB		✓	✓	Mapping, M&E, Surveillance	Imaging	Imaging, immunoassay, PCR	✓	6-7
Foodborne trematodiasis	✓	✓	✓	PZQ/ TCZ	PZQ/TCZ (dog, cat, pig)	△ Snail	✓		PZQ/TCL		✓	✓	Mapping, M&E	Microscopy	Immunoassay, Microscopy, PCR	✓	8-9
Leishmaniasis	✓	✓	✓		(dog)	✓ Sandfly		✓	**	✓	✓	✓	Surveillance	Clinical, Microscopy, RDT	Clinical, Immunoassay, Microscopy, PCR	✓	10
Leprosy	✓	✓	✓				✓	✓	MDT	✓	✓	✓	Surveillance	Clinical, Microscopy	Clinical, Microscopy, PCR	✓	11
Lymphatic filariasis	✓	✓	✓	ALB, DEC, IVM		△ Mosquito	✓	✓	ALB, DEC, IVM	✓	✓	✓	Mapping, M&E, Surveillance	Microscopy, RDT	Microscopy, RDT	✓	12-14
Rabies	✓	✓	✓		Vaccine (dog)		✓		PEP, RIG	✓	✓	✓	Surveillance	Clinical (bite)	Clinical (bite), FAT, DRIG, PCR	✓	15
Scabies	✓	✓	✓	IVM			✓		IVM	✓		✓	Mapping, M&E	Clinical	Clinical	✓	16
Schistosomiasis	✓	✓	✓	PZQ	△ PZQ (buffalo, cattle, dog, cat)	△ Snail	✓		PZQ		✓	✓	Mapping, M&E, Surveillance	Microscopy	Immunoassay, Microscopy, PCR	✓	17
Snakebite envenoming	✓	✓	✓				✓	✓	Antivenom	✓	✓	✓	Surveillance	Clinical (bite)	Clinical (bite, species diagnosis), 20WBCT, immunoassay	✓	18-19
Soil-transmitted helminthiasis	✓	✓	✓	ALB/ MBD			✓		ALB/MBD			✓	Mapping, M&E	Microscopy	Microscopy, PCR	✓	20
Taeniasis/cysticercosis	✓	✓	✓	ALB/ PZQ/ NCL	Oxfendazole (pig) TSOL18 (pig)		✓		ALB/PZQ/NCL*		✓	✓	Mapping, M&E	Microscopy, Imaging	Immunoassay, Microscopy, PCR,	✓	9, 21-22
Trachoma	✓	✓	✓	AZT			✓		AZT		✓	✓	Mapping, M&E	Clinical	Clinical, Immunoassay, PCR	✓	23
Yaws	✓	✓	✓	AZT			✓		AZT	✓		✓	Mapping, M&E, Surveillance	Clinical, RDT	Clinical, PCR, RDT	✓	24-25

△ Recommended depending on species, geographical locations and/or endemicity status; includes prophylactic vaccines for rabies.

ALB, albendazole; DEC, diethylcarbamazin citrate; DPP, Dual Path Platform syphilis assay; EG, *E. granulosus*; FBT, foodborne trematodiasis; FTS, filaria test strip; HIS, health information system; IVM, ivermectin; MBD, mebendazole; MDT, multidrug therapy; NCL, niclosamide; PC, preventive chemotherapy; PCR, polymerase chain reaction; PEP, pre-exposure prophylaxis; PZQ, praziquantel; RDT, rapid diagnostic test; RIG, rabies immunoglobulin; STH, soil-transmitted helminthiasis; TCZ, triclabendazole; VC, vector control; WASH, water, sanitation and hygiene; WBCT, whole blood clotting test; ZTH, azithromycin.

* Treatment of neurocysticercosis depends on the imaging results, and might involve anthelmintics (PZQ, ALB), anti-epileptic drugs and steroids.

** Treatment of leishmaniasis depends on several factors including type of disease, concomitant pathologies, parasite species and geographic location.