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The Myanmar-Thailand Development Cooperation Programme on Health (2020-2022)

Overall Programme Goals:

1. To strengthen Myanmar - Thailand health cooperation on prevention and control of communicable diseases, zoonosis, vector-borne diseases, TB, HIV/AIDS in local level at border provinces
2. To strengthen disease surveillance system and information sharing in both border provinces of Myanmar and Thailand, in particular the threat of COVID-19
3. To enhance the referral system between Myanmar and Thailand

Target Areas:

1. Ministry of Health and Sport, Nay Pyi Taw
2. Tachileik township (Shan State) – Maesai city, Chiang Rai Province
3. Myawaddy township (Kayin State) – Maesod city, Tak Province
4. Dawei city (Tanintharyi Region) – Kanchaburi Province
5. Kawthaung township (Tanintharyi Region) – Ranong Province

Programme 1: Communicable disease surveillance, control of disease outbreak including health threats

Objectives:

1. To effectively control and investigate the outbreak of communicable diseases and health threats along the border of both countries

Key Strategic Areas

1. Disease surveillance and outbreak control
2. Field epidemiology and health situation analysis training
3. Preparedness and public health emergency response

Projects

1.1 Project on Disease Surveillance Development

Key Results

1. Surveillance system and outbreak response in targeted border areas are improved
2. Responsible health personnel in MOHS and border PHO receive training in field epidemiology and situation analysis
3. Plan for preparedness and public health emergency response at cross-border is developed and implemented.

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 1.1 Disease surveillance development	<ol style="list-style-type: none"> 1. To develop effective surveillance system including border areas 2. To improve workforce capacity in field epidemiology 3. To ensure preparedness and emergency response to emerging infectious disease at cross-borders 	<ol style="list-style-type: none"> 1. Strengthening disease surveillance and outbreak control in Myanmar, and along Thailand-Myanmar border areas including <ul style="list-style-type: none"> - event-based surveillance - joint outbreak investigation - information exchange between health authorities at borders - effective communication mechanism at POE 2. Providing selective training for relevant workforce, eg. <ul style="list-style-type: none"> - Introductory course on Field epidemiology (1 month) - International FETP course (2 years) - Training of trainers (2 months) - SRRT/RRT on-site training at borders - Health situation analysis 3. Development plan for preparedness and emergency response to emerging 		DDC

		infectious disease at cross-borders - Joint investigation of EID - Table-top exercise		
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Programme 2: Strengthening Health Product Control System

Objectives:

1. To strengthen capacity development on regulatory control measures for food, drugs, medical device, cosmetic and health products

Key Strategic Areas

1. Central mechanism and process to regulate targeted health products
2. Traditional knowledge protection

Projects

- 2.1 Project on Border Inspection Development of Health Product
- 2.2 Project on Development study of Traditional Knowledge Protection in Myanmar

Key Results

1. Risk communication and capacity of responsible unit for import inspection is improved
2. Situation review report and recommendation of traditional knowledge protection in Myanmar

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 2.1 Project on Border Inspection Development of	<ol style="list-style-type: none"> 1. To establish guidelines for risk communicating and exchanging information of unsafe health products 2. To develop relevant personnel 	<ol style="list-style-type: none"> 1. Train related personnel to have knowledge about risk communication, and risk supervision system for imported products 	<ol style="list-style-type: none"> 1. Risk communication and capacity of responsible unit for import 	FDA [TBC]

Health Product	to be able to inspect and monitor imported products based on risks	<ol style="list-style-type: none"> 2. Study visit the case study of safety supervision (Fresh oranges or other case according to the problems of each area) 3. Perform a meeting to exchange knowledge and regulatory information on the import inspection of health products to establish guidelines for risk communicating and exchanging information about unsafe health products 	inspection is improved	
Project 2.2 Development study of Traditional Knowledge Protection in Myanmar	<ol style="list-style-type: none"> 1. To review situation of traditional knowledge protection in Myanmar 2. To develop capacity of responsible agency 	<ol style="list-style-type: none"> 1. Workshop on Traditional knowledge protection 2. Situation analysis of Traditional knowledge protection in Myanmar and Thailand 3. Report and recommendation 		Dept. Thai Traditional and Alternative Medicine (DTAM)

Programme 3: Capacity strengthening in Laboratory and Hospital Infectious Control

Objectives:

1. To improve Anti-Microbial Resistance (AMR) detection system through strengthening microbiology laboratory
2. To develop integrated model of Infectious Prevention and Control (IPC) in pilot hospital

Key Strategic Areas

1. Reference microbiology laboratory capacity
2. Infectious Prevention and Control system in hospital

Projects

3.1 Project on strengthening laboratory-based surveillance system on AMR

3.2 Project on model development of infectious prevention and control in hospital

Key Results

1. Reference microbiology laboratory performance on AMR surveillance is improved including antibiogram report

2. Model of IPC development in hospital is demonstrated

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 3.1 Strengthening laboratory-based surveillance system on AMR	<ol style="list-style-type: none"> 1. To establish AMR surveillance system at national and regional level in Myanmar 2. To improve reference microbiology laboratory performance on AMR 	<ol style="list-style-type: none"> 1. Training of AMR surveillance and antibiogram report for national and regional lab personnel 2. Study visit of AMR surveillance lab to NIH Thailand 3. Development of annual antibiogram report 		Dept. of Medical Sciences (DMSc)
Project 3.2 Model development of infectious prevention and control in hospital	<ol style="list-style-type: none"> 1. To develop integrated IPC system in a pilot hospital 2. To strengthen IPC nurse performance 	<ol style="list-style-type: none"> 1. Study visit of hospital director, infectious specialist and IC nurses on integrated IPC system in hospital 2. Training of IPC nurse on infectious, prevention and control in hospital 3. On-site workshop on integrated IPC system in hospital 		Bamrasnaradura Infectious Disease Institute (BIDI)/DDC

Programme 4: Human Resource for Health Development

Objectives:

1. To increase qualified and competent health professionals for better health service in medical care and maternal and child health
2. To improve institutional capacity of continuous nursing training in Myanmar

Key Strategic Areas

1. Medical specialist training
2. Curriculum development for continuous nursing training
3. Specialized training in MCH

Projects

- 4.1 Project on capacity building for nursing college on continuous nursing training
- 4.2 Project on Clinical training for medical specialists
- 4.3 Project on specialized training on Maternal and Child Health

Key Results

1. New curriculum for continuous nursing training is developed and implemented in Myanmar
2. A number of medical specialists are training in clinical practice
3. Capacity of MCH core team in Myanmar is enhanced in specialized issues

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 4.1 Building capacity for nursing college on continuous nursing training	<ol style="list-style-type: none"> 1. To support curriculum development for selected courses of continuous nursing training 2. To build up capacity of nursing college for continuous nursing training 	<ol style="list-style-type: none"> 1. Situation analysis and need assessment on continuous nursing training in Myanmar 2. Workshop on Curriculum development on selected items <ul style="list-style-type: none"> - Neonatal nursing - Cardio-vascular nursing - Gastro-enterology - Nephrology nursing 		Praborom-rajchanok Institute of Health Workforce Development

		3. Co-training and technical support 4. Evaluation of training		
Project 4.2 Clinical training for medical specialists	1. To improve clinical skill for medical specialists	1. Clinical Training in specialized field of <ul style="list-style-type: none"> - Neurophysiology & Neuro-rehabilitation - Intervention Radiology - Dermatology & dermato-surgery - Anesthesiology - Implantology and digital dentistry 		Dept. of Medical Services (DMS)
Project 4.3 Specialized training on Maternal and Child Health	1. To enhance capacity on MCH specialized issues	1. Training on elimination of Mother-to-Child Transmission (EMTCT) of HIV/AIDS and Syphilis 2. Training on Health Literacy in MCH 3. Training on Digital health technology on MCH		Dept. of Health (DOH)

Programme 5: Border Health Cooperation

Objectives:

1. To strengthen health cooperation along Myanmar-Thailand border

Key Strategic Areas

1. Hospital care improvement
2. Establishment of Myanmar-Thailand Border Health Committee

Projects

- 5.1 Project on twin hospital cooperation
- 5.2 Project on promoting border health cooperation

Key Results

1. Four twin hospitals along the border are improved in emergency care and referral management
2. Provincial border health committee are established and well-functioned

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 5.1 Twin hospital cooperation	1. To improve medical capacity of twin hospitals along the border	<ol style="list-style-type: none"> 1. Need assessment of 4 twin hospitals 2. Improvement of Emergency Room and Referral management capacity <ul style="list-style-type: none"> - Facility renovation - Medical equipment and supply 3. Clinical skill training of physicians and nurses in relevant topics and skill mix, either in Thailand or on-site as appropriate 4. Development of appropriate standard operation procedure (SOP) in emergency care and referral management 5. Project evaluation 		Responsible PHO
Project 5.2 Development of Emergency Department at Dawei General Hospital (On-going)	To enhance the capacity of the Emergency Department in providing health care services particularly in injury/accident cases	<ol style="list-style-type: none"> 1. Construction of Emergency building (2 stories building) 2. Capacity Building of medical doctors, nurses and other health workers on emergency care and other treatment 3. Support of medical equipment for Emergency Building 		Ministry of Public Health, Paholpolpayuhasena Hospital
Project 5.3	1. To establish Provincial border	1. Establishment of Provincial border		OPS/Div. Strategy

Promoting border health cooperation	health committee 2. To improve effective coordination and communication in health cooperation between Myanmar-Thailand border authorities	health committee and official direct communication 2. Regular annual meeting 3. Close cooperation on disease control especially emerging and re-emerging infectious diseases 4. Guideline and coordination of case referral for continuous communicable diseases treatment eg. Tuberculosis, Anti-Retroviral Therapy (ART) for HIV/AIDS, etc.		and Planning (DSP) Responsible PHO
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Programme 6: Strengthening Preparedness and Response for epidemic of COVID-19 along border (Additional Proposal)

Objectives:

1. To improve preparedness of border provinces for epidemic of COVID-19
2. To ensure prompt public health measures in place including case detection, contact tracing, prevention and control of community spread and risk communication
3. To share knowledge and lesson learned for proper management

Key Strategic Areas

1. Public health preparedness including improvement of viral laboratory capacity, hospital care facilities, personnel training and supply of personal protective equipment (PPE)
2. Close collaboration and communication channel in public health emergency response and governor-led emergency operation command (EOC) including cross-border control
3. Knowledge sharing, risk management, mitigation plan and lesson learned with province-wide stakeholders

Projects

- 6.1 Strengthening preparedness and response for epidemic of COVID-19

Key Results

1. Medical and public health preparedness for Provincial Health Office and Provincial Hospitals are aligned with national standard and guideline for COVID-19
2. A set of medical and public health personnel will be trained in Thailand as well as on-site training for epidemic of Covid-19
3. Province-wide meetings with responsible agencies, community leaders and stakeholders

Project	Project objectives	Key activities	Key Performance Indicators	Responsible agencies
Project 6.1 Strengthening preparedness and response for epidemic of COVID-19	<ol style="list-style-type: none"> 1. To improve preparedness of border provinces for epidemic of COVID-19 2. To ensure prompt public health measures in place including case detection, contact tracing, prevention and control of community spread and risk communication 3. To share knowledge and lesson learned for proper management 	<ol style="list-style-type: none"> 1. Medical and public health preparedness for COVID-19 <ul style="list-style-type: none"> - Isolation room with negative pressure - Viral sample collection guideline and laboratory testing cooperation - Personal Protective Equipment (PPE) 2. Training for public health staff and field epidemiologists <ul style="list-style-type: none"> - Provincial EOC including epidemic situation and crisis management (detection, contact tracing, quarantine, treatment) - Diagnosis and treatment of COVID-19, patient care and safety for medical and nursing staff - Public awareness and risk communication 3. Bilateral High-level and stakeholder workshop on COVID-19 <ul style="list-style-type: none"> - Bilateral cooperation on outbreak control 		DDC Responsible PHO

		<ul style="list-style-type: none">- Knowledge sharing and experience from Thailand and Myanmar- Lesson learned at cross-border control		
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