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

Overall Programme Goals:

1. To strengthen Lao PDR - Thailand cooperation in health system development and jointly improve health performance for achieving SDGs including medical service and referral system, child nutrition, food and drugs control
2. To enhance prevention and control of communicable diseases and emerging infectious diseases, in particular the threat of COVID-19
3. To sustain health cooperation and regular communication between provincial authorities in all areas of cooperation

Target Areas:

1. Ministry of Health, Vientiane
2. Bokeo Province – Chiang Rai Province
3. Vientiane Province & Vientiane Prefecture – Nong Khai Province
4. Kammouan Province – Nakhon Phanom Province
5. Savannakhet Province – Mukdahan Province
6. Champasak & Salavan Province – Ubon Ratchathani Province

Programme 1: Improvement of quality of health care service

Objectives:

1. To improve medical and health care capacity of central and twin provincial hospitals along the border areas
2. To strengthen the Forensic Medicine system

Key Strategic Areas

1. Medical care improvement for central and twin provincial hospitals
2. Forensic Medicine development in one designated center

Projects

- 1.1 Project on development of Phonhong hospital, Vientiane Province (Phase 2)
- 1.2 Project on hospital development of central and twin provincial hospitals along the border
- 1.3 Project on improvement of hospital nursing management
- 1.4 Project on development of Forensic Medicine in designated center

Key Results

1. Medical care of Phonhong hospital is improved
2. Medical care and hospital management of central and twin hospitals along border are improved
3. Forensic medicine in designated center is well-developed

| Project | Project objectives | Key activities | Thai Contact Persons |
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| Project 1.1 Development of Phonhong hospital (Phase 2) (On-going) | <ol style="list-style-type: none"> 1. To build capacity on clinical skill of medical and health personnel 2. To improve essential infrastructure and secure electricity system and internet | <ol style="list-style-type: none"> 1. Training physicians and nurses on clinical skill and patient care <ul style="list-style-type: none"> - Internal medicine - Obstetrics & Gynecology 2. Installation of automatic electricity system and internet network 3. Support of medical equipment (TBC) | Nong Khai Provincial Health Office |
| Project 1.2 Improvement of medical care and hospital management of central and provincial twin hospitals along the border | <ol style="list-style-type: none"> 1. To improve medical care of central and twin provincial hospitals along border 2. To promote leadership in hospital management 3. To support professional short-course training, study visit, medical equipment in essential | <ol style="list-style-type: none"> 1. Need assessment of central and twin hospitals along border 2. Improvement of hospital capacity <ul style="list-style-type: none"> - Facility renovation - Medical equipment 3. Clinical skill training of medical specialists and nurses in relevant topics and skill <ul style="list-style-type: none"> - Pediatric emergency - ENT (Oto Naso Laryngology) | Health Administration Division <i>Name</i> <i>Position</i> <i>Tel.</i> <i>E-mail</i> Department of Medical Services <i>Name</i> |

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| | need | <ul style="list-style-type: none"> - Obstetrics & Gynecology - Internal Medicine - Anesthesiology - Emergency care - Neurology <p>4. Training and study visit in hospital management for senior hospital staff</p> <p>5. Project evaluation</p> | <i>Position</i> <i>Tel.</i> <i>E-mail</i> |
| Project 1.3 Improvement of hospital nursing management | <p>1. To improve quality of nursing care for provincial hospitals</p> <p>2. To support HRD and leadership in nursing management</p> | <p>1. Training of nursing care leadership and management</p> <p>2. Coaching for quality improvement of nursing care in provincial hospitals</p> | Praboromarajchanok Institute <i>Name</i> <i>Position</i> <i>Tel.</i> <i>E-mail</i> |
| Project 1.4 Strengthening Forensic Medicine in designated center | <p>1. To build up capacity of forensic medicine unit in designated center of Lao PDR</p> | <p>1. Training and study visit of forensic medicine for responsible senior and technical staff</p> <p>2. Support of equipment needed in forensic medicine</p> <p>3. Supervision and coaching of practice</p> | Kon Kaen University (TBC) |
| Project 1.5 Capacity Building for Lecturers of Universities of Health Sciences (รณชัฒมูลจาก มวส.) | | | Kon Kaen University (TBC) |

Programme 2: Communicable Disease and NCD Prevention and Control including Emerging and Re-emerging diseases

Objectives:

1. To have timely and effective notification for emerging and re-emerging diseases outbreak along the border areas
2. To enhance provincial capacity for effective surveillance and control of communicable diseases, emerging and re-emerging infectious diseases and health hazards
3. To enhance the capacity on implementation of national strategies and plan on NCD prevention and control policies
4. To sustain health cooperation, risk communication and field epidemiological network between provincial authorities including One Health workforce

Key Strategic Areas

1. Strengthening provincial capacity in disease surveillance, outbreak notification and response
2. Leveraging Lao PDR-Thailand cooperation at Points of Entry to prevent cross-border spread of emerging and re-emerging diseases
3. Continuing NCD Survey implementation
4. Promoting Provincial Border Health Cooperation Committee (PBHC) as key coordinating mechanism

Projects

- 2.1 Project on strengthening disease surveillance system under One Health approach and effective cross-border control
- 2.2 Project on Lao NCD STEPS Survey II Implementation Plan 2019-2020

Key Results

1. Surveillance, case detection and outbreak response of emerging infectious diseases in targeted areas are improved
2. Plan for preparedness and public health emergency response at cross-border and POE is developed and implemented
3. Provincial border health committee are established and well-functioned
4. NCD STEPS Survey II is implemented with final report

| Project | Project objectives | Key activities | Thai Contact Persons |
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| Project 2.1 Strengthening disease surveillance | 1. To enhance effective health cooperation on disease surveillance, | 1. Strengthening disease surveillance and outbreak control under One Health in Lao PDR, and along border provinces including | Department of Disease Control Name Position..... |

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| <p>system under One Health and effective cross-border control</p> | <p>outbreak notification and response as well as information sharing between twin provinces</p> <ol style="list-style-type: none"> 2. To comply IHR 2005 standard at Point of Entry 3. To promote field epidemiological network between twin provinces 4. To strengthen border health cooperation governance at provincial level | <ul style="list-style-type: none"> - event-based surveillance - joint outbreak investigation - information exchange between health authorities at borders - close cooperation at provincial level <ol style="list-style-type: none"> 2. Improvement of disease control at POE by effective cooperation and communication mechanism <ul style="list-style-type: none"> - joint working group for POE development - study visit and workshop of Lao POE officials - develop standard guideline of POE 3. 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 4. Development plan for preparedness and emergency response to emerging infectious disease at cross-borders and POE <ul style="list-style-type: none"> - Joint investigation of EID - Table-top exercise 5. Regular annual meeting of Provincial border health committee and official direct communication 6. Guideline and coordination of case referral for continuous case management | <p><i>Tel.</i></p> <p><i>E-mail</i></p> |
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| Project 2.2 Lao NCD STEPS Survey II Implementation Plan 2019-2020 (On-going) | 1. To generate evidence on NCD risk factors and tracking policy implementation 2. To strengthen institutional capacity on NCD national survey, data analysis and reporting | 1. Set up technical team and steering committee for STEP survey II 2. Training for trainers from Lao TPHI, then followed by training field survey and field laboratory staff 3. Prepare survey tools and data application 4. Conduct pilot survey 5. Workshop on data analysis and reporting 6. Final report and dissemination | Mahidol University (Faculty of Medicine, Ramathibodi) |
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Programme 3: 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

- 3.1 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 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 | Thai Contact Persons |
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| Project 3.1 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 - Knowledge sharing and experience from Thailand and Lao PDR - Lesson learned at cross-border control | Department of Disease Control <i>Name</i> <i>Position</i> <i>Tel.</i> <i>E-mail</i> |
| Project 3.2 Enhancing microbiology | | <ol style="list-style-type: none"> 1. Improvement of laboratory capacity <ul style="list-style-type: none"> - Laboratory facility improvement with optimum | Department of Medical Sciences <i>Name</i> |

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| laboratory capacity for COVID-19 and Rabies virus detection by quality management system | | bio-safety and bio-security containment - Training of laboratory staff on quality management system - Quality assessment and audit 2. COVID-19 and Rabies virus detection - Training of COVID-19 and Rabies detection infectious substance packaging and transportation 3. Laboratory cross-border cooperation | <i>Position.....</i> <i>Tel.</i> <i>E-mail.....</i> |
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Programme 4: Improvement of Child Nutrition

Objectives:

1. To reduce malnutrition among children under 5 years in demonstration area
2. To develop model of community-based intervention with local health facilities and community engagement

Key Strategic Areas

1. Enhancing integrated nutritional service at district hospital, health centers and communities
2. Raising community awareness and engagement to tackle childhood malnutrition

Projects

- 4.1 Project on model development of integrated nutrition service and community engagement

Key Results

1. Malnutrition among children under 5 years in target area including SAM is improved
2. Model of community-based intervention in nutrition is demonstrated

| Project | Project objectives | Key activities | Thai Contact Persons |
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| <p>Project 4.1</p> <p>Model development of integrated nutrition service and community engagement</p> | <p>1. To strengthen integrated nutrition services and assessment at district hospital, health centers and communities</p> <p>2. To promote community engagement in malnutrition reducing actions</p> | <p>1. Conduct Growth monitoring and maternal and child health care for children under 5 in target area</p> <p>2. Training of trainer for SAM (Severe Acute Malnutrition) management in hospital</p> <p>3. Workshop on integrated nutrition services and community-based intervention</p> <p>4. Training community leaders and village health volunteers in reducing malnutrition</p> <p>5. Develop practice guideline, tools and IEC materials on child nutrition</p> <p>6. Coaching, monitoring and report</p> | <p><i>Department of Health</i></p> <p>Name</p> <p>Position.....</p> <p>Tel.</p> <p>E-mail.....</p> |
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Programme 5: Food and Drug Safety

Objectives:

1. To ensure the quality and safety of food and drugs in order to protect customer's health
2. To enhance bilateral cooperation to strengthen food and drug regulatory capacity

Key Strategic Areas

1. Strengthening regulatory mechanism including product authorization and pre and post-marketing surveillance
2. Improvement of laboratory capacity on food and drug testing
3. Bilateral cooperation in enhancing food and drug capacity and cross-border control in line with ASEAN MRA

Projects

- 5.1 Project on strengthening food and drug regulatory capacity

Key Results

1. Capacity of responsible unit for food and drug regulation is improved
2. Capacity of laboratory on food and drug testing is improved

| Project | Project objectives | Key activities | Thai Contact Persons |
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| Project 5.1 Strengthening food and drugs regulatory capacity | 1. To strengthen regulatory mechanism including product authorization and pre and post-marketing surveillance 2. To improve laboratory capacity on food and drugs testing | 1. Training and study visit regarding <ul style="list-style-type: none"> - Medical device regulation - Biological and Biosimilar management - Cosmetic control - Narcotic, psychotropic, precursor and household hazardous substances control - GMP-PICS inspection - GMP/HACCP inspection 2. strengthening laboratory capacity for food (microbiology, toxicology testing), cosmetic (steroid and dioxin testing), and drug testing <ul style="list-style-type: none"> - Training relevant laboratory staff - Lab information management | Food and Drug Administration <i>Name</i> <i>Position</i> <i>Tel.</i> <i>E-mail</i> Department of Medical Sciences <i>Name</i> <i>Position</i> <i>Tel.</i> <i>E-mail</i> |