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|  | **21** | **22** | **23** | **24** | **25** | **26** | **27** |
| **Week 1** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| 8:00-9:00 |  | Malaria in SEA – clinic (Valy Keoluangkhot, Mahosot) | Rickettsial diseases of SEA – clinic  (Daniel Paris, MORU) | Dengue – clinic & diagnostics (Duangdao Souk Aloun, Mahosot) | Melioidosis – clinic  (Yupaporn Wattanagoon, Mahidol) | optional weekend trip  (e.g.  Luang Prabang)  12:30-13:30  optional visit to the Lao Friends Hospital for Children in Luang Prabang  (Cheri Nijssen-Jordan) | optional weekend trip  (e.g.  Luang Prabang)  Flight Lao Airlines QV104  Luang Prabang (18:35) -> Vientiane (19:20) |
| 8:30 – 9:00 | Registration |
| 9:00 – 9:30 | Course opening:  HE Dr. Bounkhong  (Vice-minister)  Prof K. Akkhavong (NIOPH)  Prof C. Hatz (Swiss TPH) | 9:00 – 9:30 Transfer | to wards |  |  |
| Ward rounds  (3 groups à 4-5 participants each  accompanied by one Lao colleague leading the ward round & one non-Lao colleague supporting the discussion of  the cases) | Ward rounds | Ward rounds | Ward rounds |
| 9:30-10:00 | Group picture and break |
| 10:00 – 10:20 | Introduction to the Nat. Inst. of Public Health & Laos  (K. Akkhavong) |
| 10:20 – 10:40 | Introduction to Mahosot hospital (Bounthaphany Bounxouei / Douangdao Souk Aloun) |
| 10:40 – 11:00 | Introduction the the Mahosot ID department (Valy Keoluangkhot) |
| 11:00 – 11:30 | Introduction to the LOMWRU (Paul Newton) |
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| 12:00 – 12:30 | Bedside ultrasound | Bedside ultrasound | Bedside ultrasound | Bedside ultrasound |
| 12:30 – 14:00 | Lunch break |  |  |  |  |
| 14:00 – 15:00 | DD of fever with focus (Christoph Hatz, SwissTPH) | Malaria drug resistance in SEA  (Mayfong Mayxay) | Rickettsial diseases – diagnostics  (Sabine Dittrich, LOMWRU) | Japanese enceph. & DD viral enceph. (Yupaporn Wattanagoon, Mahidol) | 13:30–14:30  Melioidosis – diagnostics (David Dance, LOMWRU) |
| 15:00 – 16:00 | Radiology / Medical imaging in Laos  (Orot, Mahosot) | Introduction to ultrasound in the field II (Enrico Brunetti) | Focal liver lesions  (Enrico Brunetti) | Ultrasound in parasitic diseases [CE, AE, Filaria, Fasciola] (Enrico Brunetti) | Flight Lao Airlines  QV536  Vientiane (17:00) ->  Luang Prabang (17:45) [check-in ≤15:30] |
| 16:00 – 16:30 | Coffee break |  |  |  |
| 16:30 – 18:00 | Introduction to ultrasound in the field I (Enrico Brunetti) | Clin. case present. | Clin. case present. | Clin. case present. |
| Clin. case present. |

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|  | **28** | **29** | **30** | **1** | **2** | **3** | **4** |
| **Week 2** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| 8:00 – 9:00 | Public Health perspectives in SEA (Kongsap Akkhavong, NIOPH) | HIV in Laos  (Prasith Phimmasone, Mahosot) | Differential diagn. of diarrhoea in SEA (Valy Keoluangkhot, Mahosot) | Diabetes mellitus disease burden & management in SEA (Vatsana, Mahosot) | Neurocysticercosis  (David Freedman, Alabama) | optional weekend trip  (e.g. Luang Prabang)  12:30-13:30  optional visit to the Lao Friends Hospital for Children in Luang Prabang  (Cheri Nijssen-Jordan) | Optional weekend trip  (e.g.  Luang Prabang)  Flight Lao Airlines QV104  Luang Prabang (18:35) -> Vientiane (19:20) |
| 9:00 – 9:30 | Transfer to wards |  |  |  |  |
| 9:30– 12:30 | Ward rounds | Ward rounds | Ward rounds | Ward rounds | Ward rounds |
| 12:00 – 12:30 | Bedside ultrasound | Bedside ultrasound | Bedside ultrasound | Bedside ultrasound | Bedside ultrasound |
| 12:30 – 14:00 | Lunch break |  |  |  |  |
| 14:00 – 15:00 | Leptospirosis – clinic & diagnostics (Wirongrong Chierakul, Mahidol) | Opportunistic inf. in HIV in SEA  (Wirongrong Chierakul, Mahidol) | Poor quality medicines (Paul Newton, LOMWRU) | HIV – an African perspective  (Marcel Stöckle, University Basel) | 13:30– 14:30  Paediatric ID in Laos  (Bandith Xoumphonh-phakdy, Mahosot) |
| 15:00 – 16:00 | Ultrasound in schistosomiasis & opisthorchiasis  (C. Hatz, SwissTPH) | Ultrasound in HIV & TB  (Tom Heller) | Echocardiography in the tropics  (Tom Heller) | Cardiovascular & chron. pulm. disease burden & managem. in SEA  (Vang Chu, Mahosot) | Flight Lao Airlines  QV536  Vientiane (17:00) ->  Luang Prabang (17:45) [check-in ≤15:30] |
| 16:00 – 16:30 | Coffee break |  |  |  |
| 16:30 – 18:00 | Clin. case present. | Clin. case present. | Clin. case present. | Clin. case present. |

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|  | **5** | **6** | **7** | **8** | **9** |
| **Week 3** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 8:00 – 9:00 | Tuberculosis in Laos  (Sisouphanh Vidhamaly, Mahosot) | DD Eosinophilic meningitis  (A. Neumayr/M. Stöckle, SwissTPH) | Laboratory diagnostics of stool parasites (HP Marti, SwissTPH) | Field survey  (laboratory & ultrasound)  (Somphou Sayasone, Khampheng Phongluxa & HP Marti) | Rabies & Co.  (Andreas Neumayr, SwissTPH) |
| 9:00 – 9:30 |  |  |  |  |
| 9:30 – 10:30 | Last ward round | Laboratory diagnostics of malaria & filarial  (HP Marti, SwissTPH) | Laboratory practice:  (Pasteur Institute) stool parasites  (HP Marti, SwissTPH) | Beri beri, Pellagra, Noma  (P. Newton, LOMWRU) |
| 10:30 – 11:30 | Laboratory practice:  (Pasteur Institute) blood parasites  (HP Marti, SwissTPH) | Iconography session  (A. Neumayr, SwissTPH) |
| 11:30 – 12:30 | Course evaluation, reflection & closure |
| 12:30 – 14:00 |  | Lunch break |  | Closing lunch |
| 14:00 – 15:00 | Dermatology (incl. leprosy) & STDs in SEA (Michel Strobel) | Laboratory practise  (HP Marti, SwissTPH) | Food & soil transm. parasites in SEA (Somphou Sayasone, NIOPH) |  |
| 15:00 – 16:00 | Travel medicine – vaccinations SEA  (D. Freedmam, Alabama) | Outlook: `South American Tropical Medicine´  (D. Freedman, Alabama) | Lymphatic filariasis  (A. Neumayr, SwissTPH) |
| 16:00 – 16:30 |  | Coffee break |  |  |
| 16:30 – 18:00 | Clin. case present. | Clin. case present. | Clin. case present. | Clin. case present. |

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|  |  | **Format** | **Hours** | | |
| **Clinic** |  | Clinical lectures | 31 | 73.5 | 101 |
|  | Clinical bed side teaching (ward rounds, OPD etc.) | 25.5 |
|  | Clinical case presentations & discussion | 17 |
| **Ultrasound** |  | Ultrasound lectures | 7 | 11.5 |
|  | Ultrasound practice | 4.5 |
| **Laboratory** |  | Laboratory lectures | 2 | 8 |
|  | Laboratory practice | 6 |
| **US & Lab** |  | Laboratory & ultrasound field survey | 8 | 8 |