

## Course syllabus

### TMCD527 Clinical Case Teaching

#### Academic Year 2018-2022

1. **Institute** Mahidol University  
**Faculty/Department** Faculty of Tropical Medicine, Department of Clinical Tropical Medicine
2. **Course Name:**
  - a. **Course Code:** TMCD 527
  - b. **Course Title:** Clinical Case Teaching
3. **Number of credits:** 3 (3-0-6)
4. **Programme use:** Master of Clinical Tropical Medicine
5. **Prerequisite:** None
6. **Type of Course:** Core subject
7. **Condition: class size:** maximum 25
8. **Session/Academics year:** The second semester of each academic year
9. **Course description:**

Common tropical diseases; case scenario; symptoms, clinical signs; laboratory tests and interpretation
10. **Course expected learning outcomes:**

The students should be able to

  1. Discuss aetiology, epidemiology, transmission, clinical manifestation, diagnosis, and pathogenesis of common problems in tropical diseases
  2. Approach patient's problems and make differential diagnosis of common problems in tropical diseases
  3. Planning for appropriate investigation and appropriate management for common problems in tropical diseases
  4. Planning for the prevention of common tropical diseases
  5. Develop and apply code of conduct in medical professionalism and reflect ethical consideration on patient care

## 11. Course outline and constructive alignment

| Week | Title                     | Hours     |          |            | Instructor             | Course Learning Outcome | Programme ELOs | Learning Activities                                                   | Assessment                             |
|------|---------------------------|-----------|----------|------------|------------------------|-------------------------|----------------|-----------------------------------------------------------------------|----------------------------------------|
|      |                           | Lecture   | Lab      | Self-study |                        |                         |                |                                                                       |                                        |
| 1-1  | Clinical case teaching 1  | 2         | 0        | 4          | Dr Wasin               | 1,2,3,4,5               | 1,2,5          | Problem solving, case scenario, Case discussion, work assignment, Q&A | Attendant MEQ examinations (For ELO 2) |
| 1-2  | Clinical case teaching 2  | 2         | 0        | 4          | Dr Supitcha            |                         |                |                                                                       |                                        |
| 2-1  | Clinical case teaching 3  | 2         | 0        | 4          | Prof Punnee            |                         |                |                                                                       |                                        |
| 2-2  | Clinical case teaching 4  | 2         | 0        | 4          | Dr Sant                |                         |                |                                                                       |                                        |
| 3-1  | Clinical case teaching 5  | 2         | 0        | 4          | Dr Borimas             |                         |                |                                                                       |                                        |
| 4-1  | Clinical case teaching 6  | 2         | 0        | 4          | Asst Prof Weerapong    |                         |                |                                                                       |                                        |
| 4-2  | Clinical case teaching 7  | 2         | 0        | 4          | Dr Prakaykaew          |                         |                |                                                                       |                                        |
| 5-1  | Clinical case teaching 8  | 2         | 0        | 4          | Assoc Prof Vipa        |                         |                |                                                                       |                                        |
| 5-2  | Clinical case teaching 9  | 2         | 0        | 4          | Dr Wirongrong          |                         |                |                                                                       |                                        |
| 6-1  | Clinical case teaching 10 | 2         | 0        | 4          | Asst Prof Udomsak      |                         |                |                                                                       |                                        |
| 6-2  | Clinical case teaching 11 | 2         | 0        | 4          | Dr Thundon             |                         |                |                                                                       |                                        |
| 17-1 | Clinical case teaching 12 | 2         | 0        | 4          | Dr Chayasin            |                         |                |                                                                       |                                        |
| 17-2 | Clinical case teaching 13 | 2         | 0        | 4          | Dr Kittiyod            |                         |                |                                                                       |                                        |
| 18-1 | Clinical case teaching 14 | 2         | 0        | 4          | Asst Prof Jittima      |                         |                |                                                                       |                                        |
| 18-2 | Clinical case teaching 15 | 2         | 0        | 4          | Dr Chatporn            |                         |                |                                                                       |                                        |
| 19-1 | Clinical case teaching 16 | 2         | 0        | 4          | Prof Polrat            |                         |                |                                                                       |                                        |
| 19-2 | Clinical case teaching 17 | 2         | 0        | 4          | Dr Borimas             |                         |                |                                                                       |                                        |
| 20-1 | Clinical case teaching 18 | 2         | 0        | 4          | Assoc Prof Wattana     |                         |                |                                                                       |                                        |
| 20-2 | Clinical case teaching 19 | 2         | 0        | 4          | Asst Prof Supat        |                         |                |                                                                       |                                        |
| 21-1 | Clinical case teaching 20 | 2         | 0        | 4          | Asst Prof Watcharapong |                         |                |                                                                       |                                        |
| 21-2 | Clinical case teaching 21 | 2         | 0        | 4          | Dr Thundon             |                         |                |                                                                       |                                        |
| 22-1 | Clinical case teaching 22 | 2         | 0        | 4          | Dr Wasin               |                         |                |                                                                       |                                        |
| 22-2 | Clinical case teaching 23 | 2         | 0        | 4          | Dr Prakaykaew          |                         |                |                                                                       |                                        |
|      | <b>Total</b>              | <b>46</b> | <b>0</b> | <b>92</b>  |                        |                         |                |                                                                       |                                        |

## 12. Teaching and Learning Activities

Lecture, Bed side teaching, case discussion, Q&A

## 13. Teaching media

PowerPoint slides

Patient cases, Case scenarios

Discussion

## 14. Course achievement and evaluation

|                                                |     |
|------------------------------------------------|-----|
| Attend teaching activities <sup>1</sup>        | 10% |
| Formative assessment report using rubric scale | 20% |
| Multiple Essay Questions (MEQ)                 | 70% |

Note<sup>1</sup> Students must attend at least 80% of all activities

## 15. Course evaluation

Discussion and comments session at the end of the course

Questionnaire for contentment and suggestion for the course

## 16. References

1. Barratt A, Irwig L, Glasziou P, Cumming RG, Raffle A, Hicks N, et al. Users' guides to the medical literature: XVII. How to use guidelines and recommendations about screening. Evidence-Based Medicine Working Group. JAMA 1999;281(21):2029-34.
2. Hunt DL, Jaeschke R, McKibbin KA. Users' guides to the medical literature: XXI. Using electronic health information resources in evidence-based practice. Evidence-Based Medicine Working Group. JAMA 2000;283(14):1875-9.
3. McAlister FA, Straus SE, Guyatt GH, Haynes RB. Users' guides to the medical literature: XX. Integrating research evidence with the care of the individual patient. Evidence-Based Medicine Working Group. JAMA 2000;283(21):2829-36.
4. Hunt DL, McKibbin KA. Locating and appraising systematic reviews. Ann Intern Med 1997;126:532-8.
5. Guyatt GL, Rennie D. Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice. Chicago: American Medical Association, 2001.

## 17. Instructors:

All medical staff of Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University

## 18. Course responsibility:

Asst Prof Viravarn Luvira

Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University