

Course syllabus

TMID543 Travel Medicine I

Academic Year 2016-2018

1. **Institute** Mahidol University
Faculty/Department Faculty of Tropical Medicine, Department of Clinical Tropical Medicine
2. **Course Name:**
 - a. **Course Code:** TMID543
 - b. **Course Title:** Travel Medicine I
3. **Number of credits:** 1 (1-0-2)
4. **Programme use:** Graduate Diploma Programme in Tropical Medicine and Hygiene
Master of Clinical Tropical Medicine
5. **Prerequisite:** None
6. **Type of Course:** Core Subject (Graduate Diploma Programme in Tropical Medicine and Hygiene)
Elective subject (Master of Clinical Tropical Medicine)
7. **Condition: class size:** none
8. **Session/Academics year:** The first semester of each academic year
9. **Course description:**
Common problems and diseases in travelers, pre-travelling and post-travelling screening, counselling, prevention and management
10. **Course expected learning outcomes:**
The students should be able to
 - 1) Describe common problems and common diseases among travellers
 - 2) Generate sound health recommendation for travellers
 - 3) Plan for the investigations, diagnosis, prevention and treatment of common health problems in travellers

10. Course outline and constructive alignment

Day	Title	Hours			Instructor	Course Learning Outcome	Programme ELOs	Learning Activities	Assessment
		Lecture	Lab	Self-study					
1	Principles of Travel Medicine and Immunization for travelers	2	0	4	Dr Watcharapong/Prof Srivicha/ Assist Prof Watcharee	1,2,3	2.1,3.1,3.5	Power point presentation, Discussion	Attendance, Student participation
2	Immunocompromised travellers	1	0	2	Dr Watcharapong	1,2,3	2.1,3.1,3.5	Power point presentation, Case Discussion, Q&A	Student participation, Discussion
3	Jet lag and motion sickness	1	0	2	Dr Watcharapong/Dr Chamaiporn	2,3	2.1,3.1,3.5	Power point presentation, discussion, Q&A	Student participation, Discussion
4	Pre-travel assessment in high risk travelers	2	0	4	Asst Prof Udomsak/Asst Prof Weerapong/Dr Chayasin/ Dr Watcharapong	1,2	2.1,3.1,3.5	Power point presentation, Case Discussion, Q&A	Student participation, Discussion
5	Aviation Medicine	2	0	4	Dr Navaporn/Dr Chayasin/ Dr Chatporn	1,2,3	2.1,3.1,3.5	Site visit, Power point presentation, discussion,	Student participation, Discussion
6	Evaluation of fever in returned travellers	1	0	2	Assist Prof Weerapong/ Dr Watcharapong/Dr Chatporn	1,3	2.1,3.1,3.5	Power point presentation, case scenario, discussion, Q&A	Student participation, Discussion
7	Underwater Medicine	3	0	6	Dr Thanasawat	1,2,3	2.1,3.1,3.5	Site visit, Power point presentation, discussion	Student participation, Discussion
8	Visit Travel Clinic	1	0	2	Dr Watcharapong/Dr Chayasin	1,2,3	2.1,3.1,3.5	Site visit, discussion	Student participation, Discussion
9	Skin problems in travelers	2	0	4	Asst Prof Jittima	1,2,3	2.1,3.1,3.5	Powerpoint presentation, case scenario, Discussion, Q&A	Attendance, Student participation
10	Seminar	2	0	4	All lecturer	1	2.1,3.1,3.5	Group presentation, Discussion, Q&A	Group presentation, attendance, discussion
	Total	15	0	30					

11. Teaching and Learning Activities

Bangkok School of Tropical Medicine: lecture, workshop, discussion and seminar

Travel Medicine Clinic of Hospital for Tropical Diseases: Site visit, discussion, role play

Underwater Medicine, Royal Thai Navy and Institute of Aviation Medicine: site visit, discussion

12. Teaching media

PowerPoint presentation, Discussion

13. Course achievement and evaluation

¹Attendance of academic activity 10%

Participation and discussion during academic activity 30%

Group presentation and discussion in Seminar session 60%

Note¹ Students must attend at least 80% of all activities.

14. Course evaluation

Discussion and comments session at the end of the course

Questionnaire for contentment and suggestion for the course

15. References

15.1 Keystone JS, Kozarsky PE, Freedman DO, et al. Travel Medicine 3rd edition 2012. Mosby Elsevier, Philadelphia, USA.

15.2 Rose SR, Keystone JS. International Travel Health Guide 2006-2007. Mosby Elsevier, Philadelphia, USA.

15.3 World Health Organization. International travel and health 2009. WHO Press, Genève, Switzerland. Available at www.who.int/ith.

15.4 Center of Disease Prevention and Control. Health Information for International Travel 2016. US Department of Health and Human Services, Public Health Service, Atlanta, USA. Available at www.cdc.gov.

16. Instructors:

Prof Srivicha Krudsood

Asst Prof Udomsak Silachamroon

Asst Prof Weerapong Phumratanaprapin

Asst Prof Watcharee Chocejindachai

Asst Prof Jittima Dhitavat

Dr Watcharapong Piyaphanee

Dr Chatporn Kittitrakul

Dr Chayasin Mansanguan

Dr Navaporn

Dr Thanasawat Chaikul

17. Course responsibility:

Dr Watcharapong Piyaphanee

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