

HIV Elective for HCMC UMP Medical Students

- **Student Goals:** To acquire the knowledge, skills, and attitudes necessary to provide care for an HIV-infected patient in both outpatient and inpatient settings
- **Student Learning Objectives:** The student should gain the following knowledge with regards to HIV infection:
 - Understand its epidemiology, natural history, and clinical staging
 - Know how to screen for HIV infection and diagnosis it
 - Be able to perform an initial evaluation of a newly diagnosed patient
 - Understand the means of preventing and treating opportunistic infections
 - Appreciate the general principles of antiretroviral therapy
 - Be able to devise a first-line antiretroviral regimen and know how to monitor patients on it
 - Understand the relationship between tuberculosis and HIV infection
 - Be aware the importance of medication adherence in the management of HIV infection
 - Identify risk factors for acquisition of HIV infection and the strategies and interventions to prevent transmission
 - Identify risk factors for occupational exposure to HIV, when to respond with post-exposure prophylaxis, and how to prevent exposure through universal precautions
 - Be aware of the stigma and discrimination people living with HIV infection have experienced in the community and health care facilities and the efforts to reduce it
 - Correlate anatomic, physiologic, pathologic, psychological, and socioeconomic knowledge with the disease processes seen in the patient
- **Time:** Weeks of August 17, 2015 and August 24, 2015
- **Location:** Hospital for Tropical Diseases (HTD) Outpatient and Inpatient Services in Ho Chi Minh City; District HIV Clinic(s) as additional sites for outpatient teaching: OPCs at District 1, District 4, and Tan Binh
 - Inpatient Preceptor: Dr. Ngo Thi Kim Cuc
 - Outpatient Preceptors:
 - OPC District 1: Dr. Ho Kinh Tuong
 - OPC District 1: Dr. Nguyen Viet Trung
 - OPC District 4: Dr. Cao Kim Van
 - OPC Tan Binh: Dr. Vu Tuan Khanh
 - OPC HTD: Dr. Tran Anh Khoa
 - OPC HTD: Dr. Vo Trieu Ly
 - OPC HTD: Dr. Cao Ngoc Nga
 - OPC HTD: Dr. Le Buu Chau
 - Didactic sessions/case discussions at Department E Hall of HTD
- **Students:** Ten students in the summer following 5th year of medical school
 - Inpatient teaching will be done as one group of 10 students
 - Outpatient teaching will be done as four groups:

No.	Full Name	Sex	Outpatient Teaching	
			Group	Location
1			1	District 1
2			1	
4			1	
3			2	District 4
5			2	
6			3	Tan Binh District
7			3	
8			3	
9			4	HTD
10			4	

- **General Schedule:** On each day, the students will outpatient or inpatient teaching in the morning; in the afternoon, they will have outpatient or inpatient HIV/ID teaching, which will be followed by a structured case discussion led by two students

	Mon 8/17	Tues 8/18	Weds 8/19	Thurs 8/20	Fri 8/21
8 am-10.30 am	Introduction Course Pretest Inpatient Orientation and Case Assignment	Outpatient Teaching: Orientation and Overview	Inpatient Teaching: Patient Care	Outpatient Teaching: Patient Care	Outpatient Teaching: Patient Care
10.30-11.30 am	Case Discussion	Adherence Counseling Session	Case Discussion	Case Discussion	Open Discussion (Q&A)
11:30 am-1 pm	Lunch	Lunch	Lunch	Lunch	Lunch
1-2:30 pm	Didactic Session 1 (Dr. Cuc, HTD)	Didactic Session 3 (Dr. Khoa, IDD)	Didactic Session 5 (Dr. Ly, IDD)	Didactic Session 6 (Dr. Cuc, HTD)	Didactic Session 7 (Dr. Cuc, HTD)
2:30-3 pm	Break	Break	Break	Break	Break
3-4 pm	Didactic Session 2 (Dr. Ly, IDD)	Didactic Session 4 (Dr. Cuc, HTD)	Case Discussion (Group 1)	Case Discussion (Group 2)	Open Discussion (Q&A)

	Mon 8/24	Tues 8/25	Weds 8/26	Thurs 8/27	Fri 8/28
8 am-10.30 am	Inpatient Teaching: Patient Care	Outpatient Teaching: Patient Care	Inpatient Teaching: Patient Care	Outpatient Teaching: Patient Care	Outpatient Teaching: Patient Care
10.30-11.30 am	Case Discussion	Case Discussion	Case Discussion	Case Discussion	Open Discussion (Q&A)
11:30 am-1 pm	Lunch	Lunch	Lunch	Lunch	Lunch with Post-Course Student Debriefing and Survey
1-2:30 pm	Didactic Session 8 (Libman)	Didactic Session 10 (Libman)	Didactic Session 11 (Libman)	Didactic Session 12 (Libman)	Course Post-Test Prepare Case Presentation
2:30-3 pm	Break	Break	Break	Break	Break
3-4 pm	Didactic Session 9 (Libman)	Didactic Session 13 (Libman)	Case Discussion (Group 3)	Case Discussion (Group 4)	Group Presentations (10 minutes for presenting and 5 minutes for questions)
4-5 pm					Post-Course Faculty Debriefing and Survey

- **Teaching Materials:** Teaching materials will include the HAIVN clinical HIV manual, components of HAIVN HIV teaching modules, as well as HTD/IDD lecture materials
- **Didactic Sessions:**
 - 1-Overview of HIV Care in Vietnam
 - 2-How to Present a Case/Overview of Case Discussion
 - 3-Epidemiology, Natural History, and Clinical Staging
 - 4-Screening and Diagnosis
 - 5-Initial Evaluation
 - 6-Opportunistic Infections: Prevention
 - 7-Opportunistic Infections: Treatment
 - 8-Antiretroviral Therapy: Introduction
 - 9-Antiretroviral Therapy: First-Line Therapy
 - 10-Antiretroviral Therapy: Monitoring and Adherence
 - 11-Tuberculosis in the HIV-infected Patient

- 12-Prevention of HIV Infection
 - 13-HIV Infection and Stigma
- **Case Discussions:** Each group of students will be responsible for the preparation of one case discussion during the rotation
 - Case description with 2-4 clinical questions
 - Answering of questions with presentation of selected literature
 - General group discussion
- **Evaluation:** Evaluations will include:
 - 1) a pre-test and post-test evaluation will be given to each student;
 - 2) a survey on the effectiveness of the course will be provided to each student at the conclusion; and
 - 3) a survey on the effectiveness of the course will be provided to each preceptor at the conclusion
 - 4) Two surveys (one on case presentation) on student performance will be completed by preceptors
- **Faculty Leader:** Dr. Minh Hong, Vice Dean of UMP