

Advanced Course

# Rational Management of Medicines

A focus on HIV/AIDS, Tuberculosis and Malaria

1 – 12 November 2010  
in Pretoria, South Africa



## Advanced Course

# Rational Management of Medicines A focus on HIV/AIDS, Tuberculosis and Malaria

1 – 12 November 2010 in Pretoria, South Africa

### Contents Overview

Health is an intrinsic human right as well as a central input to poverty reduction and socioeconomic development. Cost-effective interventions including medicines for controlling major diseases exist, but insufficient funds and a range of system constraints hamper efforts to expand health services to the poor.

From penicillin to insulin, antiseptics to antiretrovirals, science has led to dramatic improvements in health worldwide. Medicines are an essential and cost-effective tool of health care and an important element of health systems. Yet the main diseases of poverty such as HIV / AIDS, malaria and tuberculosis continue to claim innumerable lives in low income countries. Today, for millions of people worldwide essential medicines remain unavailable and unaffordable. Irrational medicine use is a global public health problem. Counterfeit and poor quality medicines are an additional barrier to equitable access to medicines. Millions of adults and children die each year from treatable and preventable diseases.

There is an urgent need to implement adequate strategies to ensure better access to medicines. It is about getting evidence-based and effective pharmaceuticals to the people who need them, whether by reducing their costs, promoting research and development, improving their distribution, increasing their efficacy, quality and acceptability, or slowing down the development of antimicrobial resistance.

### Objectives

To enable health professionals to understand and apply the concepts and principles of essential medicines and rational medicine management with a focus on the diseases of poverty HIV / AIDS, malaria and tuberculosis, to recognise the need for a national and international medicine policy environment, to improve knowledge and skills and to gain practical field experience for medicine management within different health system contexts.

### Course topics

- Historic milestones and current global medicine situation
- Concept of essential medicines and its relevance in PHC
- Principles of rational medicine management in pluralistic and reforming health systems
- Roles of different stakeholders including health workers, traditional healers, international organisations, ministry of health, the pharmaceutical industry
- Treatment guidelines, essential medicine lists and personal medicine lists
- Patterns of medicine use and adherence, strategies for the promotion of rational medicine use
- Antimicrobial resistance and approaches for containment
- Medicine quality and quality assurance
- Rational management of HIV / Aids, malaria and tuberculosis treatment
- Framework and components of a medicine supply system including procurement and distribution
- Elements of medicine costs, affordability and financing options

### Target Group

Health professionals and managers with experience (at least two years) in international health and the pharmaceutical sector.

### Conditions of admission

English requirements: TOEFL Paper 550 / TOEFL Computer 213 / TOEFL internet 79 – 80 / IELTS 6.0 or native speaker or completed higher education in English (with written proof).

### Duration and certification

2 weeks (90 hours student investment time). Equivalent to 3 ECTS points towards the tropEd European Master in International Health. A certificate will be awarded after successful completion.

### Course format

The course language is English. The course combines lectures, in-depth discussions of case studies, short presentations, small group exercises and field visits. The course is highly participatory and participants will be exposed to a wide range of international experiences and materials.

### Health, Accident and Travel Insurance

Not covered by the Institute but highly recommended.

### Application procedure

Please fill in the application form carefully and include all required documents.

---

**Application deadline: 31 August 2010**

---

### Course fee

The total course fee is CHF 2800.– (Swiss Francs) including tuition, accommodation / full board and transport in South Africa. The course fee must be paid 8 weeks before the start of the course. This sum includes the registration fee (CHF 100.–) which is due at the moment of acceptance. If a participant does not attend the course, the registration fee cannot be reimbursed. If cancellation is less than 4 weeks before beginning of the course an additional fee of CHF 500.– will be charged. Cost for international flights must be added. Travel to South Africa has to be organized by the participant.

---

**There are only very limited scholarships available for this course.**

---

### Location

The course will be held in Pretoria, South Africa. The Department of Pharmacy of the Medunsa Campus (previously the Medical University of Southern Africa) is the host organization. As the capital city of South Africa, Pretoria offers a wide range of cultural, social and infrastructural facilities and activities.

A full range of public, private and NGO-based health care facilities is available in Pretoria, from primary health care and ART clinics to tertiary academic hospitals. The course will include site visits and first hand exposure to relevant components and organizations of the health care system to ensure successful interaction between theory and practice.

### Course faculty

The course is facilitated by international and national experts. The academic panel will include a number of highly experienced professionals.

### Course coordinators

Dr. Karin Wiedenmayer (Swiss TPH),  
Prof. Rob Summers (Medunsa)

### Contact address

Swiss TPH, Course Secretariat  
Socinstrasse 57, Postfach, 4002 Basel, Switzerland  
T: + 41 61 284 82 80, F: + 41 61 284 81 06  
courses-sti@unibas.ch, www.swisstph.ch

## Application for Admission

**Rational Management of Medicines** A focus on HIV/AIDS, Tuberculosis and Malaria  
1 – 12 November 2010 in Pretoria, South Africa

### Personal details

(Names as written on your passport)

Family Name: \_\_\_\_\_

Given Name(s): \_\_\_\_\_ F  M

Date of Birth: \_\_\_\_\_ Marital status: \_\_\_\_\_

Place of Birth: \_\_\_\_\_ Nationality: \_\_\_\_\_

Highest Study Degree: \_\_\_\_\_

Profession: \_\_\_\_\_

### Address

(please give a reliable and permanent address)

Street, number: \_\_\_\_\_

P.O. Box: \_\_\_\_\_ City: \_\_\_\_\_

Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Mobile Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

### Courses attended recently: date and description

---

---

---

---

### Present or most recent position

Name of employer: \_\_\_\_\_

Type of organization: \_\_\_\_\_

Place of work: \_\_\_\_\_

Year of entry: \_\_\_\_\_ Year of leaving (if not still there) \_\_\_\_\_

Position held: \_\_\_\_\_

Main duties: \_\_\_\_\_

### Previous working experiences

(Please mainly mention your assignments in countries with resources constraints)

---

---

---

### Why are you interested in taking this course?

---

---

---

---

---

---

**Source of funding for fees and expenses**

myself

my employer

other / please specify \_\_\_\_\_

**Required documents (photocopies)**

1) Filled application form

2) Professional Diploma(s)

3) Curriculum vitae

4) English proof (see description)

5) 1 Photograph (passport-size)

**Please indicate where you learned about the Swiss TPH courses**

colleagues

tropEd

course brochure

internet

Swiss TPH homepage

other

---

**Please return completed form with all required documents by postal mail only!  
Incomplete applications and applications sent by e-mail will not be considered!**

**Application deadline: 31 August 2010**

---

**Please return completed form to**

Swiss Tropical and Public Health Institute

Course Secretariat

Socinstrasse 57, P. O. Box

4002 Basel, Switzerland

T: + 41 61 284 82 80, F: + 41 61 284 81 06

[www.swisstph.ch](http://www.swisstph.ch)

**In case you are not selected for admission**

The Swiss TPH shall send back the documents

documents shall be destroyed by the Swiss TPH

**Date**

**Signature**

---

If you are interested in other courses of our institute, please visit our website at  
[www.swisstph.ch/teaching-and-training.html](http://www.swisstph.ch/teaching-and-training.html)