

01. Project Management

Wednesday, 29 October 2014, 09:00 - 17:00

Room 127



Type Post-graduate Course

Track All sections

Topic Other

Duration Full-day

Max attendees 50

Description The success of a health project is most often determined by how well a project was planned during its inception. Those in charge of managing aspects of a health initiative find that they must tackle key elements concerning the project, such as identifying project stakeholders, determining the core objectives, establishing a timeline for activities, and drafting a budget. Participants will engage in practical exercises that will build their capacity by strengthening their project management abilities.

Target audience Junior- to senior-level managers working in public health, as well as managers who oversee personnel across multiple levels, divisions, and locations.

Objectives

1. To acquire the skills needed to assess projects that identify elements which contribute to desired outcomes
2. To acquire skills in using Logical Framework Analysis tools to develop model projects
3. To acquire skills to create monitoring and evaluation plans to measure project success

Keywords Project management; logical framework analysis; stakeholder analysis; objective setting; planning; monitoring and evaluation

Coordinator(s) Christine Hunt (USA)

Chair(s) Christine Hunt (USA)

Presentations

1. Welcome, course overview and introductions
Nathalie Emaillé-lotard (France), Stephan R Rabimov (USA)
2. Group Discussion: why good projects fail?
Nathalie Emaillé-lotard (France)
3. Introduction to Project Management
Nathalie Emaillé-lotard (France)
4. Logical framework analysis: stakeholder analysis - Exercise: stakeholder analysis
Stephan R Rabimov (USA)
5. Logical framework analysis: problem tree and objective tree - Exercise: problem tree
Stephan R Rabimov (USA)
6. Logical framework analysis: planning matrix
Stephan R Rabimov (USA), Nathalie Emaillé-lotard (France)
7. Exercise: developing indicators and means of verification
Nathalie Emaillé-lotard (France)
8. Group discussion: monitoring and evaluation
Nathalie Emaillé-lotard (France)
9. Personal experiences with project management
José Luis Castro (USA)
10. Review, closing and evaluations
Nathalie Emaillé-lotard (France), Stephan R Rabimov (USA)

02. An introduction to tuberculosis modelling (TB modelling and analysis consortium)

Wednesday, 29 October 2014, 09:00 - 17:00

Room 128



Type Post-graduate Course

Track Tuberculosis

Topic Other

Duration Full-day

Max attendees 25

Description For individuals interested in modelling Tuberculosis and the impact of TB care and control programmes. It will introduce participants to the basic structures, assumptions, principles, and concepts of TB modelling, including key aspects of Mtb natural history and the impact and cost-effectiveness of TB care and control programmes. Participants will gain hands-on experience of using a TB model and how to appraise TB modelling papers. We will also highlight the role of modelling for policy and decision making and resources available from the TB Modelling and Analysis Consortium (www.tb-mac.org).

Target audience TB and HIV researchers, heads of national TB programmes, policy-makers, decision-makers, epidemiologists, clinicians.

Objectives

1. Introduce participants to the basic structures, assumptions, principles, and concepts of TB modelling
2. Introduce key aspects of Mtb natural history, impact and cost-effectiveness of TB care and control programmes
3. Provide hands-on experience of using a TB model and the insights they can provide
4. Provide training in the critical appraisal of modelling papers
5. Highlight role of modelling for policy and decision making and modelling resources available from TB MAC

Keywords TB; prevention; control; preventive therapy; care; economics; treatment; mathematical modelling

Coordinator(s) Philip Eckhoff (USA), Rein Houben (UK)

Chair(s) Richard White (UK)

Presentations

1. Lecture 1: An introduction to Tuberculosis modelling
Richard White (UK)
2. Practical 1: Setting up a model of Mtb
Emilia Vynnycky (UK), Tom Sumner (UK)
3. Paper Discussion: How to critically review a modelling paper
Philip Eckhoff (USA), Gwenan Knight (UK)
4. Lecture 2: Tuberculosis modelling – interventions and cost effectiveness
Rein Houben (UK), Anna Vassall (Netherlands)
5. Practical 2: Modelling the impact and cost effectiveness of TB interventions
Emilia Vynnycky (UK), Tom Sumner (UK)
6. Summary of the day
Richard White (UK)

03. Innovative and effective training for community workers

Wednesday, 29 October 2014, 09:00 - 17:00

Room 129



Type Post-graduate Course

Track Nurses and Allied Professionals (TB, HIV, Tobacco and Lung Health)

Topic Human capacity development, education and training

Duration Full-day

Max attendees 35

Description Competent and motivated community workers can play a vital role in prevention and care of TB control at community level. Quality training and mentoring are needed to build community workers' competences and feed their motivation. Participants of this post-graduate course will build their capacity in developing a competency based training curriculum by practicing a participatory and action oriented training approach with innovative training methods. The practical training in this course will have a hands-on approach, creating an inspiring and active learning environment for the participants.

Target audience Trainers, ACSM professionals, Human Resources Development (HRD) officers and consultants involved in capacity building of community workers.

Objectives

1. Strengthen competencies to identify community workers' learning needs
2. Strengthen competencies to develop a competency based training curriculum for community workers
3. Strengthen competencies to select and apply appropriate training methods
4. Strengthen competencies in developing a mentoring plan to follow up the training course

Keywords Capacity building; assessing learning needs; competency based training curriculum; training approach; action oriented training methods and tools; follow up of training; mentoring

Coordinator(s) Ineke Huitema (Netherlands)

Chair(s) Abubakar Dalhat (Nigeria), Zahedul Islam (Ukraine)

Presentations

1. Introduction to capacity building of community workers
Ineke Huitema (Netherlands)
2. Steps to develop a competency based training curriculum for community workers
Abubakar Dalhat (Nigeria)
3. Defining community workers' competencies and learning needs
Zahedul Islam (Ukraine)
4. Developing an appropriate training approach for community workers
Ineke Huitema (Netherlands)
5. Selecting and practicing participatory and interactive training methods
Abubakar Dalhat (Nigeria), Ineke Huitema (Netherlands)
6. Develop a mentoring plan to follow up training
Zahedul Islam (Ukraine), Abubakar Dalhat (Nigeria)

04. An introduction to pragmatic randomised controlled trials in low- and middle-income countries

Wednesday, 29 October 2014, 09:00 - 17:00

Room 130



Type Post-graduate Course

Track Tobacco

Topic Other

Duration Full-day

Max attendees 40

Description This course has two main components: 1. Designing, and conducting RCTs 2. Reporting RCTs in peer-reviewed journals. The course will be divided into three sessions, each session running as follows: • Introducing the topic • Case study from one (or two) of the trials • Facilitators' presentation • Ethical issues relevant to the topic • General discussion and Q&A on the topic

Target audience Clinicians, health services, researchers and managers who wish to lead or collaborate in pragmatic randomised controlled trials (RCT) of healthcare interventions in LMICs.

Objectives 1. Design and conduct pragmatic randomised controlled trials (RCT) of healthcare interventions in LMIC context
2. Report the findings of a pragmatic RCT according to the standards set in CONSORT statement(s)

Keywords Randomised controlled trial; low- and middle- income countries; health care

Coordinator(s) Omara Dogar (UK), Sarwat Shah (UK)

Chair(s) Kamran Siddiqi (UK)

Presentations

1. To RCT or not to RCT: is RCT appropriate to the research question(s) and timing of the study? If yes, what type of RCT is appropriate?
Kamran Siddiqi (UK)
2. Design of RCT: how to avoid bias
Kamran Siddiqi (UK)
3. Selecting your participants, settings and location including issues related to sample size
Sarwat Shah (UK)
4. Primary and secondary outcome measures including data collection procedures
Sarwat Shah (UK)
5. Randomisation and allocation (individual and clusters)
Omara Dogar (UK)
6. Recruiting participants (clusters and individuals)
Sarwat Shah (UK)
7. Planning the analysis
Omara Dogar (UK)
8. Reporting the trial (CONSORT compliance)
Omara Dogar (UK)

05. Communicating effectively: in person and on paper

Wednesday, 29 October 2014, 09:00 - 17:00

Room 131



Type Post-graduate Course

Track Tuberculosis

Topic Other

Duration Full-day

Max attendees 30

Description To achieve/share the results we want, it is essential to communicate well. Good communication creates an environment that promotes treatment/healing, facilitates behavioral change, reduces conflict & stress and improves working conditions. Communicating successes, outcomes & results ensures a well informed community, leading to both political will and future funding/support. This course provides two sets of tools: 1.To address the skills needed to improve communication, motivate patients and increase job-satisfaction, and 2.To perfect ways to communicate outcomes/results and success stories.

Target audience The workshop is aimed at anyone who needs to communicate more effectively e.g. programme managers, NTP managers/coordinators, donor representatives, ASCM professionals, nurses and clinicians.

Objectives

1. Increased awareness of ones own communication and its effects on others
2. Learn the basics of the "5 minute communication model"
3. Learn how to establish trust, ensure understanding, remembering and motivation with patients
4. Communicate results in TB control
5. Help participants to develop the skills needed to tell their stories

Keywords Communication; Information; Better writing; Results; Impact Measurement

Coordinator(s) Hedvig Amdal (Norway), Tristan Bayly (Netherlands)

Chair(s) Mona Drage (Norway)

Presentations

1. The effect of implementing health communication in TB control in Temeke municipal , Dar Es Salaam, Tanzania
Joyce Mgohamwende (Tanzania, United Rep.)
2. I have no difficult patients anymore – Experiences from Russia
Anna Kondakova (Russian Federation)
3. The "5 minute communication model"
Hedvig Amdal (Norway)
4. Why health communication and patient involvement in TB control – what is the evidence?
Mona Drage (Norway)
5. Telling Stories - Identifying and building success stories
Tristan Bayly (Netherlands)
6. Quality Writing
Fran Du Melle (USA)
7. Presenting Data – Better tables and visuals and presentations
Ersin Topcuoglu (Netherlands)

06. Optimising current and novel TB combination therapy based on PK/PD science and biological variability

Wednesday, 29 October 2014, 09:00 - 12:30

Room 132



Type Post-graduate Course

Track Tuberculosis

Topic Medical management of TB and drug resistant TB

Duration Half-day

Max attendees 40

Description The fundamental basis such as the critical drug concentration levels upon which the current approaches used for TB diagnosis and treatment, were derived from studies in the 1960s. Meanwhile, tremendous progress made over the past two decades in PK/PD has improved our understanding of how the shape of the drug exposure curve relates to bacterial kill rates and resistance suppression. PK/PD studies of existing and new anti-TB drugs performed in the hollow-fibre models as well the murine models have provided insights suggesting that TB therapy can be improved.

Target audience Clinicians (physicians, nurses and laboratory experts) and TB policy experts.

Objectives

1. To present existing and new PK/PD data of anti-TB drugs and its role in Bayesian dose optimisation
2. To present new data on MIC anti-TB drugs from developing countries
3. To discuss proposed drug susceptibility breakpoints of first-line anti-TB drugs and their implications
4. To discuss the feasibility of routine monitoring of drug concentrations in patient care

Keywords PK/PD; drug concentration; MIC; optimised therapy

Coordinator(s) Pasipanodya Jotam (USA), Bekitemba Magazi (South Africa)

Chair(s) Tawanda Gumbo (USA), Helen McIlleron (South Africa)

Presentations

1. Background PK/PD of anti-TB drugs: lessons learnt to date
Charles Peloquin (USA)
2. Proposed combination regimens for drug-susceptible and drug resistant TB
Helen McIlleron (South Africa), Beki Magazi (South Africa)
3. Therapeutic drug monitoring in targeted patient populations
R Aarnoutse (Netherlands), Jwc Alffenaar (Netherlands)
4. Biological variability and its role in patients' outcomes
Beki Magazi (South Africa), Jwc Alffenaar (Netherlands)
5. Bayesian adaptive feedback control dosing and routine drug concentrations: is it feasible?
Tawanda Gumbo (USA), Pasipanodya Jotam (USA)
6. PK/PD anti-TB drugs 2013 in vitro and in vivo models
Eric Nuermberger (USA)

07. Update on clinical and programmatic management of MDR-TB and XDR-TB

Wednesday, 29 October 2014, 09:00 - 17:00

Room 133/134



Type Post-graduate Course

Track Tuberculosis

Topic Medical management of TB and drug resistant TB

Duration Full-day

Max attendees 75

Description MDR- and XDR-TB pose a significant threat to TB control and challenge clinicians and programme managers world-wide with complexities in diagnosis, treatment, case management and infection control. This course addresses challenges of DR-TB management by presenting updated epidemiologic and surveillance data, and providing clinical and programmatic strategies relevant to a wide-range of practitioners based on the most recent international policies and standards of care. Cutting edge strategies for care and programmatic management of DR-TB will be presented to promote best practices globally.

Target audience National TB and HIV programme managers, lung health specialists, TB & HIV clinicians, epidemiologists, international tuberculosis consultants, laboratory scientists, microbiologists, promoters and deliverers of community-based health care.

Objectives

1. To update global epidemiology of DR-TB and present principles of MDR-TB prevention, diagnosis, and treatment
2. To present recent advances in rapid diagnosis of drug-resistance and to discuss their clinical application
3. To discuss evidence-based management and controversial issues in the treatment of MDR/XDR-TB
4. To present cutting edge strategies for the management of MDR/XDR-TB including new drugs and diagnostic tools
5. To introduce community-based programmatic management of MDR-TB and discuss prevention strategies

Keywords MDR-TB; XDR-TB; Management; Update; Diagnosis; Treatment

Coordinator(s) Sundari Mase (USA), Ernesto Jaramillo (Switzerland)

Chair(s) Ignacio Monedero (Spain), Jose Caminero Luna (Spain)

Presentations

1. Update in MDR-TB studies (9 month short course regimen)
Armand Van Deun (Belgium), Arnaud Trebucq (France)
2. Introducing bedaquiline and delamanid in the management of MDR-/XDR-TB
Christian Lienhardt (Switzerland)
3. MDR-TB/XDR-TB global epidemiology (including HIV-coinfection)
Dennis Falzon (Switzerland)
4. Principles of MDR-TB management
Chen-yuan Chiang (Taiwan)
5. Rapid diagnostics tests: a laboratory based perspective
Christopher Gilpin (Switzerland)
6. Treatment of MDR-TB: principles and controversial issues
Jose Caminero Luna (Spain)
7. Pharmacovigilance and management of adverse drug effects
Michael Rich (USA)
8. Special situations: MDR-TB management in children
Hendrik Simon Schaaf (South Africa)
9. Special situations: HIV coinfection and pregnancy
Jennifer Furin (USA)
10. Surgery in the management of MDR-TB
Andrey Maryandyshev (Russian Federation)