

MONDAY, 8 JULY 2019

TRAINING/WORKSHOPS DAY 1

8:00 – 8:45	Arrival, registration and placing of posters	Building G20
8:45 – 9:00	Brief welcome and organization	G20, G01
09:00 – 10:45	Workshops	Building G23 Presenter(s)
	<p>Introduction and use of drug utilisation metrics</p> <p><i>This introductory course will focus on the foundation elements of drug utilisation research. Throughout the workshop we will consider the principles underpinning drug utilisation research, study designs used in drug utilisation research, identification of drug utilisation research data sources across Africa and discussion of data source strengths and limitations, choice of outcome measures and the role of drug utilisation research in health care provision and policy.</i></p>	Dr Lisa Pont
	<p>Pharmacoepidemiology: Concepts and study designs</p> <p><i>This introductory course will focus on basic elements of Pharmacoepidemiology (PE). We will explore drug use and effects in large populations. The course will focus on use of the principles of modern epidemiologic methods to evaluate the safety, effectiveness, and utilisation patterns of medicinal products in human populations, with emphasis on observational studies. Examples of epidemiologic study designs (cohort studies, case-control studies, case-crossover, self-controlled) will be discussed.</i></p>	Dr Kwame Appenteng/ Dr Joseph Fadare
	<p>Pharmacovigilance: Concepts and regulatory framework supporting reporting of individual case reports</p> <p><i>In this introductory presentation, we will review the key concepts used in pharmacovigilance and the regulatory framework currently used to support the reporting of adverse events.</i></p>	Dr Maribel Salas
10:45 – 11:15	Tea break	Building G20
11:15 – 13:00	Workshops	Building G23
	<p>Introduction and use of drug utilisation metrics (cont'd)</p>	Dr Lisa Pont
	<p>Pharmacoepidemiology 1: Concepts and study designs (cont'd)</p>	Dr Kwame Appenteng/ Dr Joseph Fadare
	<p>Causality – did the drug do it?</p> <p><i>In this workshop we will explore the logic of causality and look at some of the most widely used causality assessment methods such as global introspection (also known as the WHO-UMC method), the Naranjo algorithm and the French imputability method. After a theoretical introduction we will apply the presented principles to a set of examples and discuss our conclusions.</i></p>	Dr Pia Caduff-Janosa
13:00 – 13:45	Lunch	Building G20
13:45 – 15:30	Workshops	Building G23
	<p>Application of WHO ATC/ DDD methods in medicine utilisation research: A hands-on experience</p> <p><i>The Application of the World Health Organization (WHO) Anatomical Therapeutic Chemical/Defined Daily Dose (ATC/DDD) Methodology in Medicine Utilisation Research Workshop will provide participants with the basic theory of the ATC/DDD system together with practical exercises. The workshop is designed to improve understanding of the ATC/DDD Classification System, and is aimed at healthcare professionals who are involved in prescribing, formulary management, essential medicine lists, drug utilisation and related fields, and who wish to obtain a basic knowledge and skills in the practical application of this international coding language and comparative tool for drug utilisation studies. A hands-on, interactive approach will be followed and participants do not need any prior knowledge of the ATC/DDD system. The workshop presenter is a member of the WHO International Working Group for Drug Statistics Methodology.</i></p>	Prof Ilse Truter
	<p>Pharmacoepidemiology and Databases</p> <p><i>We will discuss data sources for Pharmacoepidemiology studies. Different types of</i></p>	Dr Kwame Appenteng/

	<i>databases (insurance claims, electronic health records, registries) will be introduced. Medical data privacy and the limitations of these databases for PE studies will be discussed.</i>	Mrs Alison Bourke/ Mr Francis Kalemeera
	From single case reports to case series <i>One of the first steps in assessing a potential signal is building and evaluating a series of similar cases. We will discuss the characteristic of good case series and potential pitfalls. After reviewing the Bradford-Hill criteria and how they can be applied to pharmacovigilance we will practise pattern recognition with case series and discuss our conclusions.</i>	Dr Pia Caduff-Janosa
15:30 – 16:00	Tea break	Building G20
16:00 – 17:45	Workshops	Building G23
	Application of WHO ATC/ DDD methods in medicine utilisation research: A hands-on experience (cont'd)	Prof Ilse Truter
	Pharmacoepidemiology and Databases (cont'd)	Dr Kwame Appenteng/ Mrs Alison Bourke/ Mr Francis Kalemeera
	Pharmacovigilance: Study Designs <i>This introductory session will focus on pharmacoepidemiology study designs that can be applied in pharmacovigilance with some practical examples.</i>	Dr Maribel Salas
17:45	Close	

TUESDAY, 9 JULY 2019

TRAINING/WORKSHOPS DAY 2

8:00 – 9:00	Arrival, registration and placing of posters	Building G20
09:00 – 10:45	Workshops	Building G23 Presenter(s)
	Quality indicators for medicine utilisation: Development and implementation <i>In this workshop we will explore the development and use of prescribing indicators. Quality indicators are important tools for identifying and evaluating quality improvement in drug utilisation and disease management. Throughout the workshop we will consider the different indicators types commonly used to assess prescribing quality, methods for developing prescribing indicators and the essential attributes of quality indicators.</i>	Dr Lisa Pont
	Signal detection in spontaneous reporting systems <i>In this session we will explore the advantages and limitations of data from spontaneous reporting systems and learn how they can be used for signal detection. Working on a selected small dataset will contribute to our understanding of the signal detection and assessment process.</i>	Dr Pia Caduff-Janosa
	Pharmacoepidemiology 2 <i>This session will build on topics discussed in day 1. Methods to address confounding and bias in PE studies will be introduced. We will also explore safety monitoring, risk management and risk communication, and drug use in special populations.</i>	Dr Kwame Appenteng/ Dr Dan Kibuule
10:45 – 11:15	Tea break	Building G20
11:15 – 13:00	Workshops	Building G23
	Quality indicators for medicine utilisation: Development and implementation (cont'd)	Dr Lisa Pont
	Pharmacovigilance methods & Communicating emerging safety issues <i>This workshop is divided into two independent parts. In the first part we will explore different methods within pharmacovigilance (PV) from targeted spontaneous reporting to cohort event monitoring. We will discuss which method is best applied to answer specific questions and gain an understanding of the prerequisites for such PV activities.</i> <i>The second part of this workshop is focused emerging safety issues. Selected real life examples will illustrate the principles of communication in situations characterized by uncertainty, time pressure and high expectations.</i>	Dr Pia Caduff-Janosa
	Pharmacoepidemiology 2 (cont'd)	Dr Kwame Appenteng
13:00 – 13:45	Lunch	Building G20
13:45 – 15:30	Workshops	Building G23
	Basic statistics for drug utilisation and pharmacoepidemiology research <i>This session will focus on basic statistical techniques in pharmacoepidemiology and drug utilisation research. A hands on approach including use of descriptive statistics and univariate methods for quantifying and testing associations between continuous and categorical exposures and outcomes will be explored.</i>	Mrs Marike Cockeran/ Dr Lisa Pont
	Risk management plans (RMPs) <i>In this session, the general framework, concepts and strategies to organize a risk management plan will be reviewed. Some comparison between RMP and risk evaluation and mitigation strategies (REMS) will be discussed.</i>	Dr Maribel Salas
	Pharmacoepidemiology 2 (cont'd)	Dr Kwame Appenteng
15:30 – 16:00	Tea break	Building G20
16:00 – 17:45	Workshops	Building G23
	Advanced statistics for drug utilisation and pharmacoepidemiology research (using SPSS) <i>In this workshop we will focus on multivariate techniques for quantifying and testing associations in drug utilisation and pharmacoepidemiology research. A hands on approach to liner and logistic regression will be taken including dealing with confounders and effect modifiers, testing assumptions, multicollinearity, interpreting</i>	Mrs Marike Cockeran Dr Lisa Pont

	<p><i>regression coefficients and examining model fit.</i></p> <p>Course requirement: own laptop, with SPSS already installed.</p>	
	<p>Effectiveness of risk minimization activities (RMAs)</p> <p><i>One of the key activities in the organization of a risk management plan is to determine the effectiveness of RMAs. This session will focus on main aspects during the evaluation of the effectiveness of RMAs with an example.</i></p>	Dr Maribel Salas
	<p>Pharmacoepidemiology: Practical examples</p>	<p>Dr Kwame Appenteng Dr Joseph Fadare Dr Dan Kibuule Mr Francis Kalemeera</p>
17:45	Close	
19:00	Welcome reception	Building G20

WEDNESDAY, 10 JULY 2019

CONFERENCE SYMPOSIA DAY 1

8:00 – 8:45	Arrival and registration	Building G20
8:45 – 9:15	Official welcome and opening of symposium	G20, G01 Dr Rianda Joubert Prof Awie Kotzé (Dean for the Health Sciences Faculty)
09:15 – 10:05	Keynote address: Wisdom is like fire – people take it from others <i>Africa's pharmacovigilance journey within the WHO Programme for International Drug Monitoring</i>	Dr Pia Caduff-Janosa Session chairs: Dr Maribel Salas / Mr Andy Gray
10:05 – 10:45	Oral presentations	
10:05 – 10:30	Regulatory pharmacovigilance in South Africa	Ms Mafora Florah Matlala
10:30 – 10:45	Major cardiovascular events in adults on antiretroviral therapy in a South African HIV management programme	Dr Hannes Mouton
10:45 – 11:15	Tea & poster walk	
11:15 – 13:00	Oral presentations	
11:15 – 11:30	Prevalence of anaemia among HIV/AIDS patients	Mr Molungoa Sello
11:30 – 11:45	The incidence and risk factors for chronic kidney disease in patients receiving tenofovir disoproxil fumarate -containing ART	Mr Francis Kalemeera
11:45 – 12:00	Haematological adverse effects associated with linezolid in patients with drug-resistant tuberculosis: An exploratory study	Dr Razia Gaida
12:00 – 12:15	Sulphadoxine-pyrimethamine dosing and risk of adverse birth outcomes among pregnant women using intermittent preventive therapy in low malaria transmission settings	Mr Wigilya P. Mikomangwa
12:15 – 12:30	Predictors of tuberculosis case-fatality under the DOTS program in a high burden setting	Dr Dan Kibuule
12:30 – 12:45	Medication related problems among HIV/AIDS patients on antiretroviral therapy at a national referral hospital in Kenya	Dr Sylvia Opanga
12:45 – 13:00	Patient-related factors leading to uncontrolled blood pressure in patients taking antihypertensive medication in Mafeteng, Lesotho	Ms Refeletse Mafisa
13:00 – 13:45	Lunch	
13:45 – 14:30	Plenary address: Drug utilisation studies globally and their influence on future patient management and policy	Dr Lisa Pont Session chairs: Drr Dan Kibuule / Rianda Joubert
14:30 – 15:30	Oral presentations	
14:30 – 15:00	Use of utilisation data to track implementation of a policy: the challenges of palliative care and the proposed morphine monitoring system	Mr Andy Gray
15:00 – 15:15	Prescribers' experiences of, and attitudes to, use of morphine for palliative care at a tertiary hospital in Zambia	Dr Emma Robertson
15:15 – 15:30	Possible changes in prescribing patterns of central nervous system medication in HIV/AIDS patients in the private medical scheme environment in South Africa	Mr Floyd Wafawanaka
15:30 – 16:00	Tea & poster walk	
16:00 – 17:45	Oral presentations	
16:00 – 16:15	Data quality of Namibia's Pharmaceutical Management Information System: findings and implications	Ms Harriet Kagoya
16:15 – 16:30	Anticholinergic drug burden among ambulatory elderly patients in a Nigerian tertiary healthcare facility	Dr Joseph Fadare
16:30 – 16:45	Childhood cancers in a section of the South African private health sector: Analysis of medicines claims data	Ms Marianne Naana Otoo
16:45	Close	

17:00 – 19:00	AGM Strategic planning: The way forward for ISPE Africa Chapter and MURIA	G23 ISPE Faculty MURIA members (Open invitation)
19:00	Dinner	G20

THURSDAY, 11 JULY 2019

CONFERENCE SYMPOSIA DAY 2

8:00 – 8:45	Arrival and registration	Building G20, G01
8:45 – 9:00	Brief welcome and overview of agenda	Dr Rianda Joubert
9:00 – 10:45	Oral presentations	Session chairs: Dr Joseph Fadare / Mr Francis Kalemeera
09:00 – 09:15	Compliance to South Africa's National Antimicrobial Resistance Strategy Framework	Ms Deirdre Engler
09:15– 09:30	Drug and vaccine utilization among pregnant women in the Iganga Mayuge Health and Demographic Surveillance Site (IMHDSS), Uganda	Dr Dan Kajungu
09:30 – 09:45	Evaluation of oral amoxicillin/clavulanic acid use in public sector primary health care facilities of the Cape Town metropole district, Western Cape	Ms Yasmina Johnson
09:45 – 10:00	A Point Prevalence Survey of Antimicrobial Utilization across Public Healthcare Sector Facilities in South Africa	Ms Phumzile Skosana
10:00 – 10:15	Comparison of malaria treatment outcome of generic and innovator's anti-malarial drugs containing artemether–lumefantrine combination in the management of uncomplicated malaria amongst Tanzanian children	Mr Manase Kilonzi
10:15 – 10:30	The association between first-line antiretroviral therapy (ART) failure with a wildtype virus and adherence in second line regimen: A secondary analysis of prospectively collected data	Dr Lentlametse Mantshonyane
10:30 – 10:45	Pregnancy and CYP3A5 genotype affect day 7 plasma lumefantrine concentrations	Prof Appolinary Kamuhabwa
10:45 – 11:15	Tea & poster walk	
11:15 – 12:45	Feedback session: progress since 2018	Session chairs: Drr Joseph Fadare / Dan Kibuule
12:45 – 13:00	Closing remarks and Departure Takeaway lunch	
14:30	Airport transfer departure	