Guideline Development Committee Meeting on updating the WHO standard guidance for the Clinical Management of Influenza Infections

Organized by the World Health Organization (WHO)

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Provision List of Participants

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<th>Name</th>
<th>Position</th>
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Dr. Gordon Guyatt

Dr. Gordon Guyatt is a specialist in internal medicine practising out of McMaster University, Canada. He is a Distinguished Professor in the Departments of Medicine and Health Research Methods, Evidence, and Impact. He is an internationally renowned medical researcher who has published over 1,000 peer-reviewed articles in medical journals that have been cited over 100,000 times.

Dr. Guyatt is one of the leaders in a world-wide movement designed to help physicians and other health care professionals to use the published literature to improve their patient care decisions. He has provided leadership in developing the methods for evidence-based practice guidelines. These methods include systematic reviews of the medical literature, and the application of results of these reviews to the development of practice guidelines and to patient care. He also coined the term ‘evidence-based medicine’ to describe medical practice that effectively uses the health care literature.
Dr Neill Adhikari is an intensivist at Sunnybrook Health Sciences Centre and assistant professor in the Interdepartmental Division of Critical Care at the University of Toronto, Canada.

Dr. Adhikari’s research interests are in evidence synthesis, clinical trials for acute kidney injury in the ICU, and critical care delivery in low-resource settings. He has co-authored ~170 journal publications.
Dr W. Abdullah Brooks

Dr W. Abdullah Brooks attended Stanford Medical School, graduating in 1991. He completed residency training in Pediatrics at The New York Hospital/Cornell Medical Center in 1994 and Preventive Medicine at Johns Hopkins University in 1995, where he also served as Chief Resident in 1996 and joined the faculty at the Bloomberg School of Public Health at Johns Hopkins University in 1997.

His primary focus has been in the area of respiratory infections (bacterial and non-bacterial) in preschool aged children, but has recently expanded that to both children and adults. In addition to research, Dr. Brooks also serves as pediatric consultant to several organizations operating in the South/Southeast Asian region. He has served as the Head of Infectious Diseases Unit in the Division of Health Systems and Infectious Diseases at ICDDR,B and currently serves as Director of the Kamalapur urban field site.
Dr Andy Gray is a pharmacist whose research interests include policy analysis (in particular, the development and implementation of National Medicines Policies), rational medicines use and the application of antiretroviral therapy in resource-constrained settings. He is a Senior Lecturer in the Division of Pharmacology, Discipline of Pharmaceutical Sciences, School of Health Sciences, University of KwaZulu-Natal, Durban, South Africa. He is also consultant pharmacist (research associate) in the Centre for the AIDS Programme of Research in South Africa (CAPRISA). He is a current member of the South African Medicines Control Council and the National Essential Medicines List Committee. He is a Member of the World Health Organization’s Expert Panel on Drug Policies and Management and is currently a member of the WHO Guideline Steering Group for the Four Cornerstones of Family Planning Guidance. He has previously served as a member, rapporteur and co-chairperson of the Expert Committee on the Selection and Use of Essential Medicines. He served as a member of the WHO Guidelines Review Committee from 2009-2013. Mr Gray has been actively involved in the development and assessment of medicines and other health-related law in South Africa.
Professor Hui Shu-Cheong

Professor Hui graduated from the University of New South Wales in 1985. He then trained in Respiratory Medicine and Sleep Medicine in Sydney, Australia.

Dr Hui was heavily involved in the clinical management of patients with SARS at the Prince of Wales Hospital during the major outbreak in 2003. He served as a WHO advisor to review the clinical management of influenza A (H5N1) during the early human outbreak in Vietnam in Feb 2004 and has since been a regular advisor to the WHO on the clinical management of severe acute respiratory infections (SARI). He has contributed to the WHO treatment guidelines including the clinical management of influenza A (H5N1), influenza A (H1N1) pandemic, and the Middle East Respiratory Syndrome and the WHO training workshops in the clinical management of influenza A (H7N9) and other SARIs. He was a member of the WHO Missions for outbreak investigations of MERS-CoV infection in Saudi Arabia (2013) and South Korea (2015).

Dr Hui has published over 260 peer-reviewed journal articles and 24 book chapters since joining the Chinese University of Hong Kong in 1998. His research interests include clinical management of emerging SARIs, the safety of respiratory therapy in the post SARS era, infection control in the medical ward environment in preventing nosocomial infections, sleep disordered breathing, and common airway diseases.
Professor Fatima Dehbi

Professor Fatima Dehbi is currently the Dean, Faculty of Science and Health Technology, University Mohammed VI of Health Sciences (UM6SS), Casablanca (Morocco) and the Medical Director of paediatrics at UM6SS. She has extensive clinical experience (since 1982) in paediatrics with special interest for paediatric infectious diseases, primary health care, nutrition, asthma and diabetes. Professor Fatima has long experience on heading paediatric units of care and in health sciences education. For example she is the national coordinator of medical schools’ accreditation in Morocco, WHO and WFME project, vice dean of faculty of medicine in Casablanca and she designed several health sciences professional curricula previously.

Prof. Fatima also has long experience in health quality management, including team approach to resolve health care problems in patient care, preparation of guidelines on best clinical practices with WHO, Ministry of health as well as HAS. One of these guidelines was managed according to GRADE system about the use of antibiotics in paediatric infectious disease according to the IMCI strategy.
Professor Elizabeth Molyneux

Professor Molyneux has worked in Malawi with her husband, a tropical medicine specialist, for over 30 years.

In 1995 she became Head of the Paediatric Department at the College of Medicine/ Queen Elizabeth Central Hospital in Blantyre, Malawi, successfully adapting her experience from Liverpool's Alder Hey Children's Hospital to a resource poor setting. Guided by her belief in doing simple things and doing them well, she set up an accident and emergency unit halving inpatient child mortality through simple emergency triage procedures and improved staff training. She has extensive clinical experience which has been channeled into clinical and implementation research in a wide range of topics including infectious diseases. She was responsible for starting palliative care for children in Malawi and has published on common childhood cancers in Malawi. Her publications exceed 230. More recently she is involved in developing and trialing appropriate biomedical equipment for low resource settings. She is a member of one of the 4 finalist teams in the MacArthur 100&Change grand challenge.

Elizabeth and her husband were awarded OBE's in 2007 for their services to medicine and in 2012 Elizabeth was given a DSc *hon causa* by Newcastle university. She has now retired but continues to visit Malawi, teaches in many low resource settings and is Strategic Advisor for West and East Africa to the Royal College of Paediatrics and Child Health UK.

Professor Lucille Blumberg
Professor Lucille Blumberg is a Deputy Director of the National Institute for Communicable Diseases, of the National Health Laboratory Service, South Africa, and is currently head of the Public Health Surveillance and Response Division. She is also medical consultant to the Emerging Pathogens Centre on rabies and viral haemorrhagic fevers. She is a medical graduate of the University of the Witwatersrand and a member of the joint staff, and is an associate professor in the department of medical microbiology at the University of Stellenbosch, Western Cape. She has specialist qualifications in clinical microbiology, travel medicine, and infectious diseases. Her special interests are in tropical diseases, travel medicine, malaria, the viral haemorrhagic fevers, and rabies. She is a member of a number of South African expert groups including the Rabies Advisory Group, Malaria Advisory Group and National Advisory Group on Immunization, as well as the advisory group to the WHO on Mass Gatherings.
Professor Norio Sugaya

Professor Norio Sugaya is the director of the Department of Infection Control and the Department of Pediatrics, Keiyu Hospital, Yokohama, Japan, and is the Visiting Professor of Keio University School of Medicine.

He has been active in the area of influenza diagnosis and treatment with neuraminidase inhibitors. He has done much to establish a diagnosis and treatment system for influenza in Japan. In Japan, all patients with influenza-like illness are tested with influenza rapid diagnostic tests during an epidemic, and if positive, they are treated with neuraminidase inhibitors. He has recently published several papers on vaccine effectiveness by test-negative case control design based on rapid diagnostic test results.

His international experience includes participation as a panel member of Rapid Advice Guidelines on pharmacological management of humans infected with avian influenza A (H5N1) virus, held at World Health Organization in 2006 and as a panel member of Pharmacological Management of Pandemic Influenza A (H1N1), held in 2009-2010 at World Health Organization. He is a board member of ISIRV, a committee member of Antiviral Group of ISIRV and also an associate editor of “Influenza and other Respiratory Virus Diseases” journal published by ISIRV.
Dr Robert Fowler received his medical degree at McGill University, his residency training at the University of Toronto, and completed a critical care fellowship and Master of Science degree at Stanford University. He is a past Clinician-Scientist of the Ontario Ministry of Health and Long-term Care and a current Clinician-Scientist of the Heart and Stroke Foundation.

Rob’s academic interests include the access and outcomes of care for critically ill patients, with a particular interest on end-of-life care. He was the critical care lead for the American Thoracic Society statement on the Association between Health Insurance Status and Access, Care Delivery, and Outcomes for Patients Who Are Critically Ill; has investigated differential use of critical care resources according to gender and age; and, has highlighted how selective patient inclusion in clinical trials leads to deceased generalizability of all our research findings. During the 2003 SARS epidemic, he helped provide the first descriptions of critically ill patients and modes of disease transmission. More recently, working with colleagues throughout North America, Asia, Europe and Australia, Rob helped international research programs to study clinical characteristics, treatments and outcomes of patients with H1N1-related critical illness. Rob has previously examined costs of caring for the critically ill and is the lead investigator of a multi-country economic evaluation of venous thromboembolism prevention in the ICU.
Dr Tawee Chotpitayasunondh

Dr Tawee Chotpitayasunondh is a Paediatric infectious diseases specialist for 38 years. He is currently a Senior Medical Consultant and a Pediatric Infectious Diseases Specialist in the Queen Sirikit National Institute of Child Health, Ministry of Public Health. He is the President of Pediatric Infectious Diseases Society of Thailand (2015-2018). He served as the chairman of Clinical Management Group for Seasonal and Avian Influenza diseases for Thailand. His topics of interest include TB, HIV/AIDS, Antibiotics, Vaccines and Influenza, Avian/Pandemic flu.

During the past 10 years, Dr. Tawee has been a WHO Temporary Consultant on Pediatric HIV/AIDS, antivirals, and Clinical Management and Antiviral use for Avian and Pandemic Influenza. He has published 72 scientific papers in Thai/International medical journals and 35 chapters of Pediatric ID in Thai textbooks in the past.
Dr. Tex Niranjan Kissoon

Dr. Kissoon is the Past President of the World Federation of Pediatric Critical and Intensive Care Societies (www.wfpiccs.org); Vice-President, Medical Affairs at BC Children’s Hospital and Professor, Pediatric and Surgery (Emergency Medicine) Department of Pediatrics at the University of British Columbia in Vancouver, BC as well as he holds the University of British Columbia BC Children’s Hospital (UBC BCCH) Endowed Chair in Acute and Critical Care for Global Child Health.

Dr. Kissoon is the vice chair of the Global Alliance for Sepsis (www.globalsepsisalliance.org ) and co-chair of World Sepsis Day (http://www.world-sepsis-day.org/) and the International Pediatric Sepsis Initiative (www.wfpiccs.org/projects/sepsis-initiative). As the vice chair of the Global Sepsis Alliance, Dr. Kissoon has been instrumental in lobbying the World Health Assembly of the United Nations to adopt a resolution on sepsis which has just recently been passed on May 2017 at the World Health Assembly. He has been involved in both advocacy and in promoting Canada-wide involvement in World Sepsis Day as part of a global initiative. He is also involved in promoting sepsis guidelines such that appropriate treatments are given even in areas where there are limited resources.

Dr. Kissoon’s international work has included work in China, India, Bangladesh, Brazil and Africa, often in areas of vulnerability and limited resources for the critically ill child. He is fully committed to improving the health care of children nationally and internationally. Part of this commitment has enabled him to assist colleagues worldwide in quality and safety projects and search for new knowledge as well as enabling them to access resources they would not otherwise have.

As a recognized expert in the field of pediatric emergency and critical care, Dr. Kissoon has contributed to over 300 peer reviewed publications and authored over 70 book chapters. He has been a visiting professor at more than 75 institutions worldwide along with being a member of editorial boards for 10 journals.

Dr. Kissoon was awarded a Distinguished Career Award by the American Academy of Pediatrics in 2013 for his contribution to the society and discipline, the prestigious Society of Critical Care Medicine’s (SCCM) Master of Critical Care Medicine award in 2015 in recognition of his tireless efforts and achievements as a prominent and distinguished leader of national and international stature as well as the 2016 University of British Columbia, Canada Distinguished Achievement Award for Overall Excellence within the Senior Faculty of Medicine.
Dr Timothy Uyeki

Dr Timothy Uyeki is Chief Medical Officer in the Influenza Division, National Center for Immunization and Respiratory Diseases, U.S. Centers for Disease Control and Prevention (CDC). He has worked at CDC on the clinical aspects, epidemiology, prevention and control of influenza since 1998. Dr. Uyeki is co-chair of the Infectious Diseases Society of America (IDSA) Influenza Clinical Practice Guidelines, and served as the Clinical Team Lead for the CDC Ebola Response during 2014-2016 and for the CDC MERS-CoV Response in 2014. He has been a WHO consultant on clinical and epidemiological issues related to seasonal, zoonotic, and pandemic influenza; SARS-CoV; MERS-CoV; and Ebola virus disease.
Dr Yaseen Arabi is an Assistant Professor at the King Saud Bin Abdulaziz University for Health Sciences. Currently he is the Chairman, Intensive Care Department and the Medical Director, Respiratory Services in the University. Dr Yaseen started his residency in Damascus University, Syria in 1990 and was the chief resident in internal medicine at the Wayne State University, Detroit, Michigan, USA from 1992 – 1995. He received a fellowship from University of Wisconsin in the field of Pulmonary and Critical Care in 1995-1998. Dr Yaseen holds the American Board certifications in internal medicine, pulmonary medicine and critical care medicine.

Dr. Yaseen received the Humanitarian Awards, Project Development from the American College of Chest Physicians (ACCP) CHEST Foundation in 2008. He also received the Who’s Who in the World award by the Marquis Who’s Who, USA in 2009.
Dr Zhancheng Gao

Dr Gao started his residency in Peking University People’s Hospital in 1986. He received his PhD Degree in Peking University Health Science Center 1993, and finished his postdoctoral training in the Department of RCCM, University of Illinois at Chicago, USA from 1994-1997.

Dr Gao has been an experienced expert in the field of clinical management of respiratory infectious diseases since SARS outbreak in 2003, laboratory SARS contamination in 2004 in China. Then, he served as a national expert for the management of Unknown Origin Pneumonia, A(H5N1, H7N9, H5N6, H10N8) and pandemic 2009 A(H1N1), EV71 HFM in 2008, imported MERS in 2015 and some endemic diseases (such as plague), etc. As a temporary counselor, Dr. Gao has been woking for WPRO and WHO since 2006. He trained national clinicians for clinical management of A(H5N1) in Cambodia in April 2008. As a writing committee member, he participated in WHO clinical management guidelines of influenza A (H5N1) virus in 2007 and influenza A (H1N1) pandemic in 2009.

Currently, Dr Gao focuses on the CAP-ChinaNet and SARI surveillance and management in China. He has published over 250 journal publications and 20 books as chief editor.
Dr Fatima Parveen Chowdhury – Pending
Professor Jérôme Pugin – pending