

It's Time to Face & Breakdown Barriers! A Course on Barrier Identification & Solution to Address Guideline Implementation Challenges

This course aims to provide participants with the knowledge and skills in assessing local context barriers and developing relevant and practical solutions to implement best practice clinical guidelines.

Objectives:

At the end of this workshop, the participants will:

1. Learn and understand our innovative local context barrier identification strategy
2. Know and demonstrate skills in developing solutions to address the barriers in context (includes stakeholder involvement)

'We do what we do' in guideline development and implementation because we want to improve healthcare practice and services to achieve optimum outcomes for patients. However, if we fail to focus on the 'real context' challenges (i.e., lack of healthcare professionals to deliver treatment, lack of communication/coordination between policy makers, healthcare providers and guideline developers, patient/individual resistance to the recommended care, etc) then all efforts placed in designing the best implementation strategy will be put to waste.

Barrier identification and barrier solution are critical in ensuring that guidelines serve their purpose and that guidelines have an impact in improving clinical practice, patient outcomes and the healthcare services, which is the theme of the G-I-N 2018 Conference (purpose and impact of guidelines). Very little attention has been given to 'real context' barrier assessment and almost no attention has been given to providing 'real context' barrier solutions, thus many of the guideline implementation strategies have not been successful.

In this workshop, we will be addressing this gap and we will be teaching innovative and practical strategies in barrier identification and barrier solutions because it is *time to face the barriers*. We will be presenting our case studies where we have applied and tested our strategies.

Time	Topic	Activities
09.00 – 09.45	It's time to face the barriers!	Lecture
09.45 – 11.15	Breaking down the barriers: Barrier assessment strategy	Lecture and practical work
11.15 – 11.30	Morning tea	
11.30 – 01.00	Breaking down the barriers: Solutions to address the barriers	Lecture and practical work
01.00 – 02.00	Lunch	
02.00 – 02.30	Case study 1: Stroke Rehabilitation Guidelines Project	Lecture
02.30 – 03.00	Case study 2: Vaccine Guidelines Project	Lecture
03.00 – 03.15	Break	
03.15 – 03.45	Case study 3: Hypertension Guidelines Project	Lecture
03.45 – 04.00	Discussion and feedback	

This course will be of interest amongst guideline developers, policy makers, researchers and any health professional.

Course Facilitators

Karen Grimmer, PhD is the inaugural Director of the International Centre for Allied Health Evidence and is a Professor Extraordinaire at Stellenbosch University at Cape Town, South Africa. Karen is an experienced guidelines developer and methodologist and has a 30-year interest in clinical practice guidelines theory and implementation. She has a strong record in allied health service quality evaluation, evidence-based outcome measurement and data analysis relevant to health care quality and safety. Karen has been publishing peer-reviewed scientific articles since 1989, and has authored and co-authored 318 papers, published eight invited book chapters, conceptualised and edited two niche textbooks on evidence-based practice and clinical guidelines. Since she entered academia in 1997, she has personally attracted over \$4mill research income, and supported other iCAHE researchers to attract an additional \$2.5mill. She has supervised 26 PhD students to completion, in a range of topic areas. She has established long term, valued and formal linkages with research institutions in South Africa, Tokyo, Philippines, Hong Kong and United States. These partnerships have fostered collaborative teaching, research and researcher/student exchanges.

Janine Margarita Dizon, PhD is a Research Fellow and Lead of the Training Unit for Professional Development of the International Centre for Allied Health Evidence, University of South Australia. Janine is a leader and an experienced teacher and researcher in evidence-based practice (EBP) and in clinical practice guidelines with interest in context considerations in various country settings. She has been involved in clinical practice guideline development and alternative guideline methods and implementation methods in the Philippines, Australia and South Africa. She has published 44 peer-reviewed research, 1 book chapter and 1 testing manual published.

Quinette Louw, PhD is the Executive Head of the Department of Health and Rehabilitation Sciences, Stellenbosch University at Cape Town, South Africa. Quinette is a leading African researcher in the field musculoskeletal (MS) health and evidence-based healthcare. She has a BSc in physiotherapy from the University of the Western Cape and holds a master's degree and doctoral degree from the University of South Australia. Currently she is a professor in the Division of Physiotherapy at Stellenbosch University. Quinette has successfully trained 70 postgraduate students and published 90 publications to date. She is recognised as an established researcher by the National Research Foundation.

Charles Shey Wiysonge, PhD is the Director of the South African Cochrane Centre, Extraordinary Professor of Epidemiology and Biostatistics at Stellenbosch University, and Honorary Professor of Public Health at the University of Cape Town, South Africa. His previous appointments include Deputy Director of the Centre for Evidence-based Health Care, and Head of the Implementation Research Regional Training Centre at Stellenbosch University; Project Manager of the Vaccines for Africa Initiative and Chief Research Officer, University of Cape Town; Research Officer at UNAIDS, Geneva; Deputy Permanent Secretary, Expanded Programme on Immunisation, Cameroon; and Medical Epidemiologist, Pasteur Centre of Cameroon. Professor Wiysonge is a member of the WHO Strategic Advisory Group of Experts on Immunisation; Gavi (Global Alliance for Vaccines and Immunisation) Independent Review Committee; WHO African Regional Committee on Health Research and Development; and several international scientific and policy advisory committees. In addition, he serves on the editorial board of numerous peer-reviewed international scientific journals.

Patrick Okwen, MD is a doctor, researcher and health economist in Bamenda, Cameroon, with interest in improving health outcomes in low and middle-income countries particularly in the areas of maternal and child health and hypertension. Patrick is the Lead of the African Community of the Guidelines International Network and has been very active in systematic reviews and clinical practice guidelines work. He has been awarded the prestigious Aubrey Sheiham Healthcare in Africa Award in 2016.