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Course 3: Clinical Trials: Bridging the gap between Efficacy and Effectiveness

Brief Introduction

Clinical trials traditionally provide evidence of intervention efficacy in experimental settings. However, healthcare decision makers also require evidence to demonstrate the effectiveness of interventions in actual clinical practice. Comorbidities, polypharmacy and access to care are some of the variables that may confound the effectiveness of interventions in clinical practice.

There is a growing desire to ensure evidence from clinical trials are generalizable to the target population and therefore able to inform clinical practice. This workshop will explore the traditional role of efficacy and effectiveness in evidence-based decision making in healthcare. Participants will explore innovative clinical trial designs and how healthcare decision makers can begin to bridge the gap between efficacy and effectiveness.

Objectives

- To describe fundamental characteristics of clinical trials
- To differentiate between effectiveness and efficacy of healthcare interventions
- To describe limitations of clinical trials and the role of effectiveness studies
- To explore, with illustrations, pioneering clinical trials to inform intervention effectiveness

Who should attend

Individuals with interest or expertise in clinical research, epidemiology, outcomes researchers, public health and, professionals with interest in evidence-based decision making in healthcare.

About the Speaker

Dr. Saeed Noibi, Glaxosmithkline

Saeed is an Epidemiologist with experience across all phases of clinical trials in multi-national clinical research programs. His experience spans industry, academia and consulting. Saeed has publications in clinical trials, translational research and study methods. He obtained a distinction in Good Clinical Practice (GCP) examination - an international ethical, scientific and practical standard in clinical

research - accredited by the Faculty of Pharmaceutical Medicine, Royal Colleges of Physicians of the United Kingdom;. Saeed holds a Masters of Public Health (MPH) from King's College London. He is an International Practitioner Member of the Faculty of Public Health (IPFPH), Royal Colleges of Physicians, United Kingdom. He is currently the Health Outcomes and Epidemiology Head of GSK in the GCC countries.