

Clinical practice guideline adaptation methods in resource-constrained settings: four case studies from South Africa

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ABSTRACT

Developing a clinical practice guideline (CPG) is expensive and time-consuming and therefore often unrealistic in settings with limited funding or resources. Although CPGs form the cornerations of providing synthesized, systematic, evidence-based guidance to patients, healthcare practitioners and managers, there is no added benefit in developing new CPGs when there are access like, good-quality, up-to-date CPGs available that can be adapted to fit local needs. Different approaches to CPG development have been proposed, including adopting, adapting or contextualising existing high-quality CPGs to make recommendations relevant to local contexts. These approaches are attractive where technical and financial resources are limited and high-quality guidance already exists. However, live examples exist to show one such alternative approaches to CPG development. The South African Guidelines Excellence project held a workshop in 2017 to provide an opportunity for dialogue regarding different approaches to guideline development with key examples and case studies from the South African setting. Four CPGs represented the topics: mental health, health promotion, choosic musculoskeletal pain and prebospital emergency care. Each CPG used a different approach, however, using transparent, reportable methods. They included advisory groups with representation from content experts, CPG users and methodologists. They assessed CPGs and systematic reviews for adopting or adapting. Each team considered local context issues through qualitative research or stakeholder engagement. Lessons learnt include that South Africa peods fit-for-purpose guidelines and that existing appropriate, high-quality guidelines must he taken into account Approaches for adapting guidelines are not clear globally and there are lessom to be learnt from existing descriptions of approaches from South Africa.

Ba divergund

Olinical practice guideline (CPG) development tends to be expensive, skills-intensive and time-communing and therefore often unrealistic in resource-comtrained settings. Although CPGs form the corneratone of providing synthesised, systematic, evidence-based guidance to patients, healthcare practitioners and managers, it is not good use of time or resources to develop new CPGs when there are accessible, good-quality, up-to-date CPGs available that can be adapted to fellocal needs. Furthermore, the higher hunder of disease in low-income and middle-income countries also argushly makes the focus on evidencehased guidelines even more urgent, to minimise wastage and ensure the best patient care for outinal cost."

As such, alternative approaches to de novo-(new) CPG development have been proposed, some of which either adopt or adapt existing guidelines to local settings," some use the Grading of Recommendations Assessment, Development and Evaluation (GRADE), termed adologment," while others accelerate certain steps in the guideline development process." These approaches are attractive where resources are limited and high-quality guidance already exists." These methods provide a key vehicle for formal studeline teams, clinicians and decision makers to produce contextually refevant and robust guidance for their setting. To date, there are limited examples in the literature showcasing alternative CPG development methods and standards for teams in resource-constrained settings, whether in high-income or low-income countries.1 2012 As such, resulting clinical guidance in these settings often varies in quality and appellicabilities.

In order to address this gap, we present four purposefully selected case studies from South Africa, displaying different approaches for adapted GFG development. This draws from the South African Guidelines Excellence project, a multipartner research initiative almost at supporting the understanding of standards of national CFG development, adaptation, implementation and capacity building. We also suggest future considerations and Jessom learnt for CFG teams that choose to adapt a guideline.

Carse studies

Case study 1: national CPG for the management of people with serious mental illness and cooccurring substance-use disorders in South Mrican psychiahric settings.

The South African National Department of Health (NDGH) commissioned the University of Cape Town's Department of Psychiatry to draft a 'policy guide' for managing people with serious mental filmess and co-occurring substance-use disorders (dual diagnosis). This CPG's target users were

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Stuart Anderson, Reinhard Huss, Rob Summers, Karin Wiedenmayer

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Student Case Law Resource Guide to Accompany Legal Aspects of Health Care Administration, Ninth Edition George D. Clinical Guidelines and the Law of Medical Negligence Samanta, Jo, Samanta, Ash, 2021-10-26 This Pozgar,2005-12-21 book critically considers the dynamic relationship between clinical guidelines and medical negligence litigation arguing that a balance must be struck between blinkered reliance on guidelines and casual disregard It explores connections between academic law and professional practice bringing together an array of perspectives which reveal that although guidelines may not be dispositive they nonetheless play an important role in medical negligence law Women and AIDS Clinical Resource Clinical Engineering Handbook Joseph Dyro, 2004-09-15 As the Resources in Education ,1993 Guide .1987 biomedical engineering field expands throughout the world clinical engineers play an evermore important role as translators between the medical engineering and business professions. They influence procedure and policy at research facilities universities as well as private and government agencies including the Food and Drug Administration and the World Health Organization The profession of clinical engineering continues to seek its place amidst the myriad of professionals that comprise the health care field The Clinical Engineering Handbook meets a long felt need for a comprehensive book on all aspects of clinical engineering that is a suitable reference in hospitals classrooms workshops and governmental and non governmental organization The Handbook's thirteen sections address the following areas Clinical Engineering Models of Clinical Engineering Practice Technology Management Safety Education and Training Design Manufacture and Evaluation and Control of Medical Devices Utilization and Service of Medical Devices Information Technology and Professionalism and Ethics The Clinical Engineering Handbook provides the reader with prospects for the future of clinical engineering as well as quidelines and standards for best practice around the world From telemedicine and IT issues to sanitation and disaster planning it brings together all the important aspects of clinical engineering Clinical Engineers are the safety and quality faciltators in all medical facilities The most definitive comprehensive and up to date book available on the subject of clinical engineering Over 170 contributions by leaders in the field of clinical engineering A Comprehensive and Practical Guide to Clinical Trials Delva Shamley, Brenda Wright, 2017-06-07 A Comprehensive and Practical Guide to Clinical Trials provides an overview of the entire process of clinical research in one thorough and easy to read handbook that offers those involved in clinical research a clear understanding of how the components of a study are related It focuses on the practical aspects of the preparation and execution of a clinical trial and offers tools and resources to help the entire team understand how their responsibilities tie together with the tasks and duties of other members. This allows for better planning and prioritization and can lead to more effective and successful clinical trials With practical examples checklists and forms this book is a useful guide for planning and conducting clinical trials from beginning to end Describes the entire clinical trial management process from start to finish in a step by step guide Provides best practice elements including case studies

practical examples activities and checklists Resources in education ,1992-07 **Integrated Motivational** Interviewing and Cognitive Behavioral Therapy (ICBT) Joseph Hyde, Maria Torres, Win Turner, R. Lyle Cooper, 2024-07-18 A practical approach to clinical interventions applicable to a range of mental health diagnoses Integrated Motivational Interviewing and Cognitive Behavioral Therapy ICBT for Adults is a guide for practitioners looking for evidence based clinical interventions that are portable across settings and diagnoses Written in plain English and with an emphasis on step by step instructions this valuable toolkit collects strategies and interventions that have been shown to be effective in substance use disorder depression anxiety and beyond This widely applicable treatment approach draws on motivational interviewing cognitive behavioral therapy CBT motivational enhancement therapy mindfulness functional analysis and other methods that are strongly supported in the literature With content reflecting emerging research findings and evolving social contexts this book is both timely and firmly rooted in science After presenting a set of proven techniques for motivational interviewing and CBT this book details a 16 session course designed to fit within conventional models of therapeutic practice Each session covers a cognitive behavioral skill e g assertiveness handling cravings suicidality and builds upon the previous sessions but they also work as standalone interventions and do not have to be followed in a particular order The book also offers additional tools to promote intervention quality and clinical supervision Worksheets handouts and other materials are included in photocopiable format making this a valuable guide in all outpatient mental health settings Learn the fundamentals of motivational interviewing cognitive behavioral therapy and other evidence based treatment modalities Get practical clinical tools including step by step session guides on cognitive behavioral skills relevant to a range of diagnoses Access self assessments clinical supervision tools and other resources to enhance clinical effectiveness Incorporate emerging research changing social contexts and lessons learned from the COVID 19 pandemic into your practice Earlier editions of this guide focused on addressing substance use disorders and cooccurring disorders. This edition is applicable to those disorders but reflects that these clinical strategies are transdiagnostic **Essential Clinical Global Health, Includes Wiley E-Text** Brett D. Nelson, 2015-01-27 Essential Clinical Global Health is a brand new pioneering and evidence based textbook that provides a clinical overview of the increasingly prominent specialty of global health Originally developed from a course at Harvard Medical School and now with contributions from nearly 100 world renowned global health experts from across the globe this textbook presents vital information required of students trainees and clinicians during their international experiences and training Essential Clinical Global Health introduces readers to the up to date knowledge skills and approaches needed for productive and rewarding global health experiences It provides essential clinical information on the diagnosis management and prevention of the leading causes of morbidity and mortality in low and middle income countries The textbook also includes practical guidance on topics such as health systems population based approaches cultural awareness and sensitivity travel preparedness and safety and career development in global health With key learning

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Handbook of Research on Multicultural Perspectives on Gender and Aging Pande, Rekha, van der Weide, Theo, 2018-04-27 As people grow older cultural issues arise Recognizing how social influences guide and restrict people leads to a better understanding of one s self and helps people as they age The Handbook of Research on Multicultural Perspectives on Gender and Aging provides emerging research on midlife issues physical aspects of aging and the emotional value in the context of the culture in which people are living While highlighting topics such as elderly disabilities quality of life and gender dimensions this publication explores self esteem in older members of society This book is an important resource for academicians healthcare professionals professionals researchers and students seeking current research on the social and cultural characteristics of growing old National Library of Medicine Current Catalog National Library of Medicine Managing Pharmaceuticals in International Health Stuart Anderson, Reinhard Huss, Rob Summers, Karin (U.S.),1982 Wiedenmayer, 2012-12-06 One third of the world's population lack effective access to quality assured essential medicines used rationally When WHO first made this statement fifteen years ago there was general concern that medical miracles such as antibiotics antiparasitic medicines vaccines and anal gesics would not be available to many people Today the proportion of those lack ing access is lower in Asia and Latin America and higher in Africa but there are probably about two billion people in this situation This book describes the many problems involved and then puts together possible solutions based on country experiences in a comprehensive and coherent manner Many people lack access to essential medicines because they and their countries are poor and because of inefficiencies in their health systems. We know that in low and middle income countries between 25 and 40 per cent of health expenditure is on medicines and that most of that expenditure is out of pocket Often this amounts to less than US 2 per head per year In contrast high income countries spend only 8 to 15 per cent of health expenditure on medicines and this is mostly paid for by health insurance or social security funds High income country expen diture may be over US 400 per person per year So managing the scanty resources available in low income countries becomes all the more important **History of Modern Clinical Toxicology** Alan Woolf, 2021-10-13 History of Modern Clinical Toxicology describes the extraordinary advances in the practice of clinical toxicology within the past 70 years and brings together stories of the people the champions of clinical toxicology who contributed to these advances discovered new therapies and antidotes and made change happen This book lays out the poison control system they built and the fascinating story of how they created a new and evolving medical specialty With the participation of renowned international experts as authors the book showcases the development of poison control centers around the world and the

growth of the professional societies that represent and support them today This book also tells the stories of the modern day toxic disasters and recent toxic exposures that gained worldwide attention and notoriety It outlines the public health responses to such calamities which have led to improvements in our understanding of the science and changes in public health policies and regulations to forestall future such events Finally the book covers key policies and agencies affecting poison control centers addresses the challenges facing clinical toxicologists of today and predicts advances and future innovations in the field History of Modern Clinical Toxicology is a unique resource that provides the historical and international perspective that will help students practitioners scientists and health policy makers put current issues and methods in perspective It will help them understand how infrastructure and processes in clinical toxicology have evolved and why poison control systems are configured as they are Offers descriptions of the key regulatory advances affecting clinical toxicology Provides synopses of modern day poisoning disasters Outlines the development of modern antidotes and future directions in clinical toxicology Describes the origins and development of the U S poison control system Includes the origins and features of professional clinical toxicology societies from around the world Includes descriptions of the history of clinical toxicology and poison control in more than 35 countries The Whole Again Resource Guide ,1982 **Engaged Research in Social Development** Wassie Kebede, Alice K. Butterfield, 2021-04-26 In a wide ranging presentation derived from teaching experiences and research projects seasoned professors Wassie Kebede and Alice Buttereld examine engaged research that links social work human services and social development with the intent of instigating action for social change Drs Kebede and Buttereld begin by introducing others to an overview of engaged research and models of social change and then examine development issues in Ethiopia in view of engaged research After offering their context of engaged research as a prototype for extrapolating development policies that can be studied compared and contrasted with those in other countries Kebede and Buttereld present the results from the engaged research of former PhD students now faculty at various universities in Ethiopia The book provides a glimpse into the professors own experiences and an emphasis on the importance of involving faculty and students in engaged research through coursework Incorporating Engaged Research in Social Development is a comprehensive study that offers academic insight and research results in order to promote social development and change Readers are encouraged to use this book for teaching and implementing engaged research in higher education Guidelines for teaching undergraduate and graduate courses are included Current Catalog National Library of Medicine (U.S.),1993 First multi year cumulation covers six years 1965 70 Monthly Catalogue, United Monthly Catalog of United States Government Publications ,1993 States Public Documents ,1990 Information **Resources in Toxicology** P.J. Bert Hakkinen, Asish Mohapatra, Steven G. G. Gilbert, 2009-08-19 This latest version of Information Resources in Toxicology IRT continues a tradition established in 1982 with the publication of the first edition in presenting an extensive itemization review and commentary on the information infrastructure of the field This book is a

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