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| Titolo | Occupational noise-induced hearing loss : an African perspective // edited by Katijah Khoza-Shangase, Nomfundo F. Moroe |
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| Descrizione fisica | 1 online resource (xxiv, 259 pages) : illustrations |
| Disciplina | 617.8 |
| Soggetti | Industrial safety Deafness, Noise induced Occupational diseases |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | A call for a paradigm shift in hearing conservation programmes for the management of occupational noise-induced hearing loss in Africa -- Confronting realities of hearing conservation programmes in South African mines -- Risk factors for occupational noise-induced hearing loss in African mines: Arguing for contextualisation -- Hearing conservation programmes implementation in African mining contexts: Occupational audiology in action -- Complexities and challenges of different classifications of audiograms in the prevention of occupational noise-induced hearing loss -- Hearing conservation programmes and the industrial revolutions -- From manual to fully-automated systems and the impact of artificial intelligence: Effects of changes in mining practices on occupational noise-induced hearing loss in Africa -- Hearing conservation programmes in the context of occupational health and safety in Africa -- Hearing conservation programmes in the context of burden of disease in South African mines -- Hearing conservation programmes in the context of tele-audiology in African mines -- Best practice for hearing conservation programmes in Africa. |
| Sommario/riassunto | Within the well-documented understanding of occupational noise-induced hearing loss (ONIHL) being a complex occupational health |

condition requiring the adoption of the complex interventions approach to management, challenges confronting hearing conservation programs (HCPs) within the African context need clear characterization and insightful deliberation. Guided by the systems theory, to be realistic about the implementation, monitoring, as well as evaluation of outcomes of HCPs within the African mining context, this book is a call for a paradigm shift in the assessment and management of ONIHL and HCPs in African mines . This book, Occupational Noise Induced Hearing Loss: An African Perspective, Teams researchers involved in the management of ONIHL and implementation of HCPs with evidence that allows for contextually relevant best practices in mine settings, particularly those located in low-and-middle-income countries (LMICs). This best practice is multidisciplinary in nature and engages all stakeholders in all relevant sectors, with the goal of adopting a preventive audiology approach to ONIHL rather than the compensation-oriented approach that is currently prevailing. This book is a research-driven contribution to the occupational health and safety (OHS) space, with ONIHL as a focus case study, and it provides contemporary, contextually relevant, and responsive evidence related to ONIHL and HCPs in LMICs with a very specific focus. in the South African context. This book expansively addresses all aspects of ONIHL and HCPs in one volume, with careful considerations of complexities and challenges to HCPs implementation, applicable specifically to LMICs, although useful globally. The book offers potential solutions and recommendations for all challenges identified, having carefully and deliberately engaged with local evidence, local context, and local policies and regulations to ensure an Afrocentric contribution to the world of evidence.
