Record Nr. UNINA9910809127503321 Musculoskeletal disorders in health-related occupations / / edited by **Titolo** Thomas Reilly Pubbl/distr/stampa Amsterdam; ; Washington, D.C., : IOS Press, 2002 **ISBN** 1-280-50537-0 9786610505371 1-4175-1151-6 600-00-0495-8 1-60129-446-8 Edizione [1st ed.] Descrizione fisica 1 online resource (206 p.) Collana Biomedical and health research; ; 49 ReillyThomas <1955-> Altri autori (Persone) Disciplina 610/.28/9 Soggetti Medical personnel - Diseases Medical personnel - Health and hygiene Musculoskeletal system - Diseases Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Title page; Preface; Acknowledgements; The participating institutions; Contents; 1. Introduction to Musculoskeletal Diseases: The Biomed IV Project: 2. The Identification and Measurement of Risk: 3. Measurement of Spinal Loading: Shrinkage; 4. Epidemiology: Musculoskeletal Problems in Belgian Nurses; 5. Epidemiology of Musculoskeletal Disorders in a Sample of British Nurses and Physiotherapists; 6. Electromyography in Occupational Activities 7. The Implementation of Additional Software for 3-D Analysis of Coupled Motion in the Cervical Spine by Means of an Electromagnetic Tracking Device8. A Method for Job Evaluation using a Modified Delphi-Survey; 9. Physiological Assessments of Occupational Activities; 10. Spinal Shrinkage during Simulated Nursing and Porters' Tasks; 11. The Effects of the Nurse's Job on the Diurnal Variation of the Segments of the Spine - An Anthropometric Approach; 12. Body Composition: Part I. Physical and Structural Distribution of the Human Skin 13. Body Composition: Part II. ""Whole-Body Adiposity"" Prediction:

Males versus Females14. Body Composition: Part III. In vivo Application

of a Selection of Formulae for Predicting Whole-Body Adipose Tissue in Male and Female Nurses; 15. Musculoskeletal Disorders in Health-Related Occupations: Project Overview and Outcomes; Subject Index; Appendix: Publications and Communications from the Biomed IV Research Project; Author Index

Sommario/riassunto

This work focuses on the study of occupational musculoskeletal diseases, which was the subject of a European collaborative research project under the Biomed IV programme. The authors provide a comprehensive background for the approaches towards studying musculoskeletal problems.