

Qualitative Diagnosis of Human Movement, Third Edition

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Bibliographic Data: ISBN-10: 1-4504-2103-2 (ISBN-13: 978-1-4504-2103-4); 2013 by Human Kinetics, Champaign, IL 61825-5076, USA, 296 pages, hardcover, \$74.00.

Subjects: Sport Skill, Kinesiology, Motor Performance, Performance Errors, Intervention Strategies.

Description: *Qualitative Diagnosis of Human Movement, Third Edition* focuses on the processes behind movement observation, assessment, and diagnosis, emphasizing how to recognize and correct errors in human movement.

Purpose: The aim of the book, as stated in the preface, is to uncover the causes of errors in movement and intervene with effective feedback in order to improve performance or reduce the risk of injury.

Audience: The book is best for anyone working in human movement like students, coaches, physical education teachers, fitness professionals, therapeutic exercise specialists or researchers.

Features: The book is composed of 3 parts and 10 chapters, a glossary, bibliography and an index at the end of the book. The book contains about 60 figures, 10 tables, and web resource with more than 100 video clips. Part I is "An Integrated Approach to Qualitative Movement Diagnosis" including the following chapter headings;

1-"Interdisciplinary nature of qualitative movement diagnosis", 2-"Models in qualitative movement diagnosis", and 3-"Role of the senses and perception in qualitative movement diagnosis". Part II is "Four Tasks in the Diagnosis and Improvement of Human Movement" consisting of the chapters; 4-"Preparation: Gathering relevant knowledge", 5-"Observation: Developing a systematic observational strategy", 6-"Evaluation and diagnosis: Professional critical thinking", and 7-"Intervention: Strategies for improving performance". Finally, Part III is "Practical Applications of Human Movement Diagnosis" and includes the following chapters; 8- "Video replay within qualitative human movements", 9-"Tutorials in qualitative movement diagnosis", and 10-"Theory-into-practice situations".

Assessment: The author of the book is a highly knowledgeable scientific expert on this topic. Each chapter of the book starts with chapter objectives, contains noteworthy key points, includes a choices section directing the reader practical questions applicable in the field, and has discussion questions at the end. The book is unique as it teaches anyone working in human movement related professions how to integrate and apply knowledge from the fields of kinesiology, allied health, and engineering to help improve movement performance or move with a lower risk of injury.

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