



diagnostics



Special Issue Reprint

The Use of Motion Analysis for Diagnostics

www.mdpi.com/books/reprint/9478

Edited by

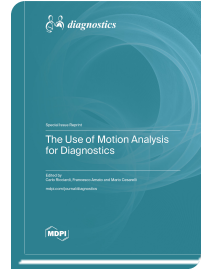
Carlo Ricciardi

Francesco Amato

Mario Cesarelli

ISBN 978-3-7258-1509-8 (Hardback)

ISBN 978-3-7258-1510-4 (PDF)



This Reprint is dedicated to the recent technological advances that are transforming the field of motion analysis. This collection of articles provides an overview of the various clinical applications of motion analysis, highlighting how this technique is influencing the diagnosis of medical conditions in multiple disciplines, from orthopedics to neurology. The methodologies employed across the studies vary widely, encompassing innovative approaches ranging from dataset creation and algorithm development to systematic literature reviews and validation studies. Overall, the collection provides a comprehensive overview of the current state of motion analysis research, offering insights into emerging trends, technological advancements, and future directions. Each contribution serves as a catalyst for further exploration and innovation in the dynamic field of motion analysis, hoping researchers will continue pushing the boundaries of knowledge and application in pursuit of enhanced healthcare outcomes and patient well-being.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/9478

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.