Gait Analysis is the systematic study of human walking, using the eye and brain of experienced observers, augmented by instrumentation for measuring body movements, body mechanics, and the movement. It is designed to fit the needs of families and patients facing a wide variety of medical challenges, from the effects of age to the fit of foot and gait rehabilitation. It describes the characteristics of human locomotion and the medical conditions that affect it. It is used to help diagnose and treat conditions such as arthritis, cerebral palsy, and spinal cord injuries. The book provides insights into the causes and effects of gait abnormalities, and offers a wealth of practical information for individuals, families, and clinicians. It includes case studies, exercises, and guidelines for improving gait. The book is a valuable resource for anyone interested in understanding and improving human locomotion.

For those interested in forensic gait analysis, the book offers a comprehensive overview of the field, including the latest developments in the field and practical applications.

The book includes chapters on:

- Forensic Gait Analysis
- Assessment of Gait
- Motor Assessment
- Sensory and Cognition Assessment
- Sports and Performance Assessment
- Rehabilitation and Prosthetics
- Neurology and Neurodegenerative Disorders
- Developmental and Adapted Physical Activity Assessment

The book is written by a team of experts in the field, and is based on the latest research and developments. It is an essential resource for anyone involved in the field of gait analysis, including clinicians, researchers, and students.

To download the full text of the book in PDF format, please visit the publisher's website.

Keywords: Gait Analysis, Human Walking, Medical Conditions, Locomotion, Case Studies.