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| Nota di contenuto | Chapter 1: Improvement in Gait Pattern after Knee Arthroplasty Followed by Proprioceptive Neuromuscular Facilitation Physiotherapy -- Chapter 2: Does Patient-Specific Instrumentation Improve Femoral and Tibial Component Alignment in Total Knee Arthroplasty? A Prospective Randomized Study -- Chapter 3: Rehabilitative Preoperative Approach in Lung Cancer: Yoga Approach -- Chapter 4: Effects of Breast and Prostate Cancer Metastases on Lumbar Spine Biomechanics: Rapid in Silico Evaluation.-Chapter 5: Perspective on Broad Acting Clinical Physiological Effects of Photobiomodulation -- Chapter 6: The Timing of Rehabilitation Commencement after Reconstruction of the Anterior Cruciate Ligament -- Chapter 7: Novel Model of Somatosensory Nerve Transfer in the Rat -- Chapter 8: Next-Generation Sequencing of Hepatitis C Virus (HCV) Mixed-Genotype Infections in Anti-HCV Negative Blood Donors -- Chapter 9: Bioactive Oleic Derivatives of Dopamine: A review of the Therapeutic Potential -- Chapter 10: Copeptin Blood Content as a Diagnostic Marker of Chronic Kidney Disease -- Chapter 11: Psychological Determinants of Attitude Toward Euthanasia: A Comparative Study of Female Nurses and Female Non- |

Sommario/riassunto

The focus of this book lies on novel aspects of rehabilitation medicine used as a treatment tool in both physical and mental spheres. The articles cover a diverse spectrum, such as rehabilitation in orthopedic pathologies, the exemplary of which is knee joint degeneration, in perioperative metastatic cancer diseases, or in neural degeneration requiring a transplant of donor nerve fibers into the defunct nerve. Advanced research studies involving proprioceptive neuromuscular facilitation, photobiomodulation, or yoga meditative techniques to regain functional ability are dealt with. The topic is expanded by a comprehensive picture of chosen molecular, genetically underpinned, diagnostics in hepatitis C infections and of novel ideas in drug design holding a curative promise in central neurodegeneration, such as development of brain-blood-barrier permeable oleic derivatives of the hydrophilic dopamine compound. The emerging rehabilitative modes and applications are posed to influence future health care delivery. The state-of-the art research is addressed to scientists, clinicians, therapists, and allied health care professionals. .
