Record Nr. UNINA9910392731803321 Regenerative Medicine for Spine and Joint Pain / / edited by Grant **Titolo** Cooper, Joseph Herrera, Jason Kirkbride, Zachary Perlman Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 3-030-42771-4 **ISBN** Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (268 pages) Disciplina 610.28 Orthopedics Soggetti Sports medicine Primary care (Medicine) Sports Medicine **Primary Care Medicine** Columna vertebral Articulacions Medicina regenerativa Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction to Regenerative Medicine -- Basic Science Concepts in Regenerative Medicine -- Viscosupplementation -- Stem Cells --Platelet-rich Plasma (PRP) -- Prolotherapy -- Regenerative Medicine for the Spine -- Regenerative Medicine for the Shoulder -- Regenerative Medicine for the Elbow -- Regenerative Medicine for the Hand and Wrist -- Regenerative Medicine for the Hip -- Regenerative Medicine for the Knee -- Regenerative Medicine for the Foot and Ankle -- The Future of Regenerative Medicine. Sommario/riassunto Regenerative medicine (RM) is a rapidly expanding topic within orthopedic and spine surgery, sports medicine and rehabilitation medicine. In the last ten years, regenerative medicine has emerged from the fringes as a complement and challenge to evidence-based medicine. Both clinicians and patients alike are eager to be able to offer and receive treatments that don't just surgically replace or clean old

joints or inject away inflammation or work as a stop-gap measure. Regenerative medicine encompasses everything from the use of stem cells and platelet-rich plasma (PRP) to prolotherapy, viscosupplementation and beyond. This book will provide healthcare practitioners dealing with spine and joint pain with the most current, up-to-date evidence-based information about which treatments work, which treatments don't, and which are on the horizon as potential game changers. Chapters are arranged in a consistent format and cover the spine, shoulder, elbow, hand and wrist, hip, knee, and foot and ankle, providing a thorough, top-to-bottom approach. A concluding chapter discusses current and future directions and applications of RM over the next decade or two. Timely and forward-thinking, Regenerative Medicine for Spine and Joint Pain will be a concise and practical resource for orthopedists, spine surgeons, sports medicine specialists, physical therapists and rehabilitation specialists, and primary care providers looking to expand their practice. .