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Autore	Trebinjac Suad
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Nota di contenuto	Introduction -- Injury Mechanisms in Sports -- Current practices in Sports Injury Rehabilitation -- Prolotherapy -- Dextrose Prolotherapy: Preparation Methods and Protocols of treatment -- Clinical applications of dextrose prolotherapy in sports -- Platelet Rich Plasma -- Platelet Rich Plasma: Preparation Methods -- Clinical Applications of Platelet Rich Plasma in sports -- Settings for PRP Injections -- Stem Cells -- Stem Cells: Preparation Methods -- Clinical Applications of Stem Cells in sports -- Rehabilitation after Regenerative Injection procedures -- The Future of Regenerative Medicine.
Sommario/riassunto	This book sheds new light on the complex area of regenerative injections used in sports injuries and musculoskeletal conditions, pursuing an evidenced-based approach. Largely ignoring orthopedic surgery, which would involve arthroscopic procedures and scaffolding as they are practiced mainly by orthopedic surgeons, the book instead focuses on injection-based treatments that are particularly useful in sports medicine and for musculoskeletal pain conditions. Including evidence from systematic reviews, meta-analyses, and randomized controlled trials, the book provides a comprehensive overview of

regenerative injections such as dextrose, platelet-rich plasma and stem cell therapy, along with their history and scientific basis. It also includes detailed information on the preparation methods, steps of the procedure, and clinical conditions most likely to benefit from it. Given its scope, the book offers a valuable tool for all medical practitioners whose work involves painful musculoskeletal conditions, e.g. sports medicine physicians, orthopedists and interventional physiatrists, as well as general practitioners.
