

Book review

Rotator Cuff Tear

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Bibliographic Data: ISBN: 978-3-8055-9814-9/e-ISBN: 978-3-8055-9815-6; 2012 by S. Karger AG, Basel, Switzerland, 186 pages, hard cover, \$282.00.

Subjects: Shoulder Joint, Rotator Cuff Tear, Treatment Options.

Description: *Rotator Cuff Tear* collects current review articles on rotator cuff problems, with regard to both biological and clinical aspects, and provides practical hints on management and rehabilitation.

Purpose: The goal of the book, as stated in the preface, is to provide more guidance about the pathogenesis, diagnosis and management of rotator cuff pathology. Additionally, the author is purporting to find the treatment for rotator cuff tear that best fits the specific need of each patient.

Audience: The book is written for all clinicians involved in sports medicine practice, including sports physicians, surgeons, physiotherapists and athletic trainers.

Features: The book is composed of 16 review articles each written by different experts and includes 40 figures, 18 in color, and 5 tables. The following topics are addressed in the review articles: 1- "Epidemiology, Genetics and Biological Factors of Rotator Cuff Tears",

2- "Biomechanics of the Rotator Cuff: European Perspective", 3- "Role of Biomechanics in Rotator Cuff Pathology: North American Perspective", 4- "The Scapula in Rotator Cuff Disease", 5- "Instability and Rotator Cuff Tear", 6- "Growth Factors and Tendon Healing", 7- "Autologous Blood Products in Rotator Cuff Repair", 8- "Tendinopathy of the Long Head of the Biceps", 9- "Conservative Treatment and Rotator Cuff Tear Progression", 10- "Operative Management of Partial- and Full-Thickness Rotator Cuff Tears", 11- "Subscapularis Tears", 12- "Single- and Double-Row Repair for Rotator Cuff Tears – Biology and Mechanics", 13- "Arthroscopic Transosseous Rotator Cuff Repair", 14- "Treatment Options for Chronic Retracted Degenerative Rotator Cuff Tears", 15- "Synthetic Augmentation in Massive Rotator Cuff Tears", and 16- "Understanding and Preventing Complications in Repairing Rotator Cuff Tears".

Assessment: The book is a practical reference tool that is written about rotator cuff biomechanics and different management strategies in the treatment of rotator cuff tears. Each review article of the book is written by leading international experts and presents an integrated and holistic understanding of the field of rotator cuff tear to the reader. In brief, the latest up-to-date non-operative and operative treatment options for the rotator cuff tear are discussed.

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