Basic Orthopaedic Biomechanics

BROOKLYN LAYLA

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Mow VC, Huiskes R: Basic Orthopaedic Biomechanics and Mechano-Biology. Being an interdisciplinary subject, many times topics in biomechanics make use of concepts from biology and biochemistry. Whenever such cross-disciplinary ideas present they are well explained; for example, proteoglycans in chapter 5 and intracellular signaling pathways in chapter 6.

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History of Orthopaedic Biomechanics. At that time, orthopaedics joined with biomechanics in a concerted effort to improve orthopaedic surgery [4]. Currently, orthopaedic biomechanics is a basic scientific and engineering discipline that is robust, vital, and dynamic [1, 4].

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