Biomechanics and Biomaterials in Orthopedics

From Springer
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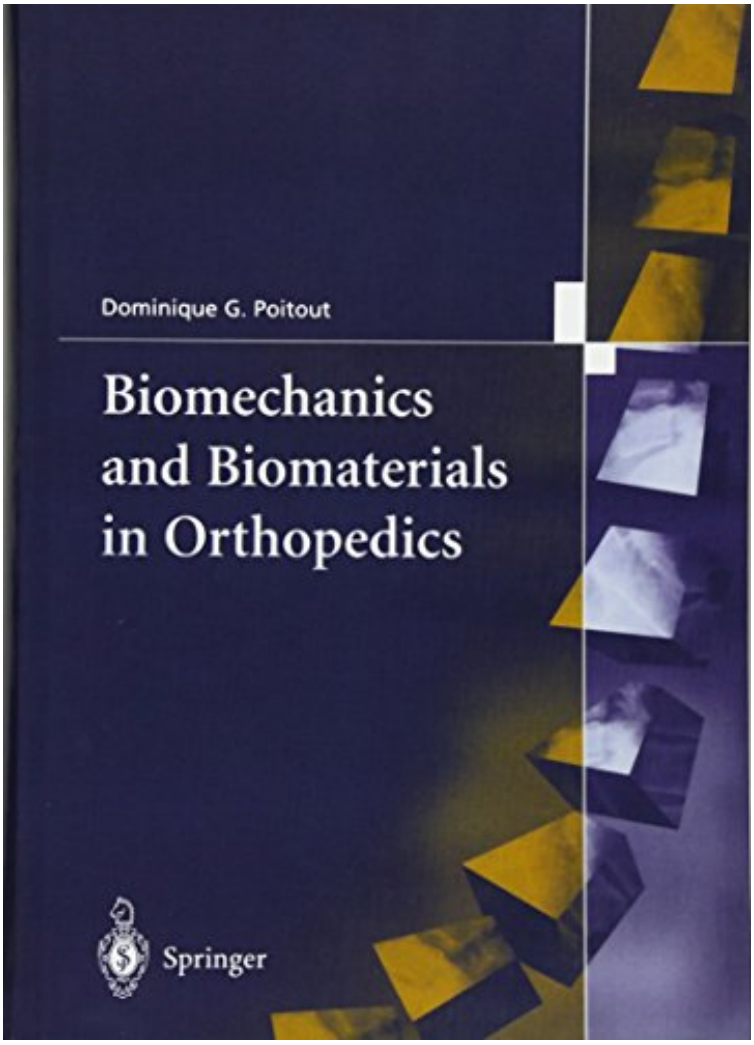

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From Springer : Biomechanics and Biomaterials in Orthopedics before purchasing it in order to gage whether or not it would be worth my time, and all praised Biomechanics and Biomaterials in Orthopedics:

Current clinical orthopedic practice requires practitioners to have extensive knowledge of a wide range of disciplines from molecular biology to bioengineering and from the application of new methods to the evaluation of outcome. The biomechanics of and biomaterials used in orthopedics have become increasingly important as the possibilities have increased to treat patients with foreign material introduced both as optimized osteosynthesis after trauma and as arthroplasties for joint diseases, sequelae of trauma or for tumor treatment. Furthermore, biomaterial substitutes are

constantly being developed to replace missing tissue. Biomechanics and Biomaterials in Orthopedics provides an important update within this highly important field. Professor Dominique Poitout has collected a series of high-quality chapters by globally renowned researchers and clinicians. Under the auspices of the International Society of Orthopaedic Surgery and Traumatology (SICOT) and International Society of Orthopaedic and Traumatology Research (SIROT), this book now provides permanent and specific access to the considerable international knowledge in the field of locomotor system trauma and disease treatment using the novel bioengineering solutions. This book covers both basic concepts concerning biomaterials and biomechanics as well as their clinical application and the experience from everyday practical use. This book will be of great value to specialists in orthopedics and traumatology, while also provide an important basis for graduate and postgraduate learning.