Motor Vehicle Collision Injuries: Biomechanics, Diagnosis, and Management

A complete revision of the first edition, this book presents the most current concepts of chiropractic diagnostic workup, injury mechanisms, patient management, and prognosis of cervical and soft tissue injuries caused by automobile crashes. It is a comprehensive overview of all relevant issues facing clinicians in private practice. This edition includes five new chapters and includes real world examples that can be used in everyday practice. With an entire section devoted to automobile collision data, crash dynamics, and human tolerance and injury factors, it's extensively referenced from the clinical and automotive crash literature.

The second edition contains 5 new chapters that cover:

* Emerging concepts in treating chronic whiplash pain has been added to explore some of the newer forms of treating the chronic patient.
* Crash speeds and injury risk. This chapter is unique in that it explores various international publications that evaluate the risk. Attempts to dispel myths about crash speeds and gives a forensic overview of the application of these studies.
* Have split the original chapter on injury mechanisms into 4 chapters in the second edition. Chapter 15 focuses specifically into the arena of general applications of biomechanics relating to automobile crashes. Chapters 16-18 provide individual chapters on frontal, side, and rear crash biomechanics. These chapters explore the individual complexities of the varying types of crashes.
* Human factors that influence injury and recovery has been added as a separate chapter to provide more detailed information to the clinician.

In addition, the authors have focused on adding more information about the sensitivity and specificity of various orthopedic and neurological tests, and have further explored the types of conditions that chiropractors treat.

Publication Year 2005
Edition 2nd
Author/Editor Nordhoff, Jr., Lawrence
Publisher Jones & Bartlett Learning
Doody's Star Rating® ★★★★★ Score: 93
Platform Ovid
Product Type Book
Speciality Chiropractic, Orthopedics, Physical Therapy
Language English
Pages 638