

**Second Edition**

# **Litigating Neck & Back Injuries**

---

---

**Michael J. Morse**

**Illustrated by Chris Brown**

Managed by Lisa J. Dunne

Edited by Adam Pringle

Production editing by Adam Pringle and Amanda Winkler



Contact us at (800) 440-4780 or [www.jamespublishing.com](http://www.jamespublishing.com)

### **Related Texts**

Bush, *Social Security Disability Practice*  
Culhane, *Model Interrogatories*  
Martin, *Determining Economic Damages*  
Rundlett, *Maximizing Damages in Small Personal Injury Cases*  
Turnbow, *Slip & Fall Practice*  
*Insurance Settlement Handbook*

For ordering information, please turn to the back of the book or call (714) 755-5450.

Copyright © 1987-2012  
James Publishing, Inc.  
ISBN 0-938065-26-2

This publication is intended to provide accurate and authoritative information about the subject matter covered. It is sold with the understanding that the publisher does not render legal, accounting or other professional services. If legal advice or other expert assistance is required, seek the services of a competent professional.

Persons using this publication in dealing with specific legal matters should exercise their own independent judgment and research original sources of authority and local court rules.

The publisher and the author make no representations concerning the contents of this publication and disclaim any warranties of merchantability or fitness for a particular purpose.

We view the publication of this work as the beginning of a dialogue with our readers. Periodic revisions to it will give us the opportunity to incorporate your suggested changes. Call us at (714) 755-5450 or send your comments to:

Revision Editor  
James Publishing, Inc.  
3505 Cadillac Ave., Suite H  
Costa Mesa, CA 92626

First Edition, 4/87  
Second Edition, 8/95  
Revision 1, 5/96  
Revision 2, 4/97  
Revision 3, 5/98  
Revision 4, 2/99  
Revision 5, 1/00  
Revision 6, 1/01  
Revision 7, 1/02  
Revision 8, 1/03  
Revision 9, 3/04  
Revision 10, 5/05  
Revision 11, 8/06  
Revision 12, 5/07  
Revision 13, 6/08  
Revision 14, 6/09  
Revision 15, 7/10  
Revision 16, 7/11  
Revision 17, 8/12

## **ABOUT THE AUTHOR**

Michael J. Morse is the owner of the Law Offices of Michael Morse, P.C. and the Auto Accident Claim Center in Southfield, Michigan. Mr. Morse is a trial attorney who handles only personal injury matters. He began his education at the University of Arizona where he earned a Bachelor's of Science in business. To continue his college career, Michael graduated in 1992 with honors from the University of Detroit School of Law with his Juris Doctor. Prior to founding Michael J. Morse, P.C., Michael was employed with a medium-sized personal injury law firm. Since the opening of his firm in September of 1995, Michael J. Morse has grown to be the largest law firm in Michigan specializing in automobile, truck and motorcycle accidents. Michael frequently lectures on automobile claims and technology in law firms nationwide. He is an executive board member of the Michigan Association for Justice, and a respected member of the State Bar of Michigan and the American Association for Justice. In addition to serving as legal counsel to his clients, Michael also serves as a case evaluator and arbitrator in Wayne, Oakland and Macomb counties.



Mr. Morse lectures frequently on trial techniques and on various aspects of Michigan's No-Fault law. He has given numerous seminars for various national organizations, including legal, medical and chiropractic organizations.

Further, Michael is an adjunct professor at University of Detroit-Mercy School of Law where he teaches law practice management.

In 2007, Michael was appointed by Governor Jennifer Granholm to Michigan's Chiropractic Board. Michael is one of the public members on the Board. His term is 4 years.

As of June of 2011, Michael Morse, PC employs 75 people, including 26 attorneys. The entire firm specializes in handling automobile, truck and motorcycle accidents, both first and third party. The firm has a strong emphasis on spinal cord injuries, as well as other back and neck injuries and traumatic brain injuries. Besides the firm's third party negligence practice, a large portion of the firm's resources are dedicated to first party litigation against Michigan No-Fault insurance companies. Referral fees are guaranteed in writing.

If any reader of this book has suggestions, comments or questions, please email [Michael@morse-law.com](mailto:Michael@morse-law.com).

## **FROM THE AUTHOR**

I am honored to be the new author of *Litigating Neck and Back Injuries*. I will continue the tradition of this book in presenting the medical complexities of neck, back and head injuries in a manner that is easy to understand and engaging to the reader. It is my belief that an attorney must fully understand the medical and legal issues associated with these injuries in order to present his or her case to the jury in a meaningful and persuasive way. I hope you find *Litigating Neck and Back Injuries* helpful in that endeavor.

Michael J. Morse

# AUTHOR – FIRST & SECOND EDITION

**John A. Tarantino** wrote the First and Second Editions of *Litigating Neck & Back Injuries*, and wrote the annual supplements through 2005. Mr. Tarantino is a trial attorney, principal, and president of the law firm of Adler Pollock & Sheehan P.C. with offices in Providence, Rhode Island and Boston, Massachusetts.

He lectures frequently on trial techniques and is the author of several legal texts including *Personal Injury Forms: Discovery & Settlement* (2d ed. James Publishing), *Trial Evidence Foundations* (James Publishing), *Estimating & Proving Personal Injury Damages* (James Publishing), *Personal Injury Trial Handbook* (Wiley Law Publications), *Premises Security Law & Practice* (Wiley Law Publications), *Commercial Premises Liability* (Wiley Law Publications), *Strategic Use of Scientific Evidence* (Aspen Law Publications), *Environmental Liability Transaction Guide* (Aspen Law Publications), and many trial articles. He has written articles on personal injury, trial practice and procedure, evidence, discovery, products liability, ethics and trial strategy.

He has also given seminars for various national organizations including the American Bar Association, the Association of Trial Lawyers of America, and the National Institute of Trial Advocacy, as well as many national, local and specialty bars.

He is a member of the Rhode Island and Massachusetts Bars, the United States Supreme Court Bar, the American Bar Association of Trial Lawyers of America (Defense Member), the Defense Research Institute, the National Italian-American Bar Association, the Justinian Society, the American Inns of Court (where he holds the rank of Barrister), and the Rhode Island Defense Counsel Association. He is a former Regent and Founding Member of the National College for DUI Defense, and is a provisional member of the American Academy of Forensic Sciences, Jurisprudence Section. He has served as Vice Chair of the ABA Science and Technology Committee on Scientific Evidence, and has served as Chair of the Rhode Island Bar Association's Committees on Ethics and Professionalism, Public Relations, Lawyer Advertising and Judicial Independence.

From 1992 to 1999, John Tarantino served on the Rhode Island Bar Association's Executive Committee, and in 1997 to 1998, during the Rhode Island Bar Association's Centennial Year, he served as President of the Rhode Island Bar Association. He has also served as a member of the board of Directors of the New England Bar Association, and in 2002-2003, served as President of the New England Bar Association. In 2003 to 2004, Mr. Tarantino served as President of Defense Counsel of Rhode Island and in 2004 was awarded the Exceptional Performance Citation by DRI.

Mr. Tarantino has been selected as one of the "Best Lawyers in America" in the fields of personal injury litigation, business litigation and criminal defense, and has been chosen by his peers as one of the "Best Lawyers in Rhode Island" by Rhode Island Magazine, earning top honors in litigation. In 2002, Mr. Tarantino was selected as one of ten "Lawyers of the Year" by Lawyers Weekly USA. Finally, Mr. Tarantino is a Fellow of the American College of Trial Lawyers and a Fellow of the International Academy of Trial Lawyers.

# **INTRODUCTION**

## **TO FIRST & SECOND EDITION**

The neck and back injury case, though one of the most common in personal injury law, is also often the most difficult to prepare, investigate, negotiate and eventually try. Many attorneys lack sufficient understanding of the medical and legal complexities inherent in these cases to maximize the best result for their clients and, accordingly, cases either settle for much less than their true value or cases are lost that should have been won.

Several years ago when the First Edition of *Litigating Neck & Back Injuries* was published, there was little in the way of practical legal or medical literature available to attorneys to aid them in the preparation, investigation, negotiation and trial of a neck and back injury case. There were a number of texts that discussed and analyzed soft tissue injury cases, but the texts often did not offer practical guidelines, hands-on experience and everyday trial tips that most attorneys want and need to prepare these common, but often uncommonly difficult, cases.

It was the purpose of *Litigating Neck & Back Injuries* to fill that void and I believe that the First Edition did so.

In the Second Edition, comments, suggestions and constructive criticisms from readers and practice-oriented users of this book (both from a medical and legal community) assisted in a total redesign of the book to make it more readable, better organized, more practice oriented and comprehensive. Every element of a neck and back injury case is now covered from the medical and legal viewpoint. The book is also designed to be understandable, useful, useable and practical. I hope that this book will enjoy the same kind of success that the First Edition of *Litigating Neck and Back Injuries* has: It will be one of your standard practice companions, always at your fingertips and constantly referred to and repeatedly used. Just as the First Edition was not a reference text, neither is this edition. I have added more discussion on reference material including various case law citations throughout the text, but this text is principally a trial practice guide.

The suggestions made in the book are ones that have worked, and are continuing to work for me in the real world. I hope and believe that the practical and practice-oriented information contained in the Second Edition of *Litigating Neck and Back Injuries* will help you to be more successful, economical and rewarded in your practice. I believe that by using *Litigating Neck and Back Injuries* in your dealings with clients, insurance adjusters, defense counsel and the court, you will find yourself representing clients in neck and back injury cases in a more organized and efficient manner.

John A. Tarantino

## **ABOUT THE ILLUSTRATOR**

**Chris Brown** has over twenty-five years experience as a medical and biological illustrator. He received his primary education at the School of the Art Institute of Chicago, and studied gross anatomy at Cook County School of Medicine. The past fifteen years have been devoted almost exclusively to forensic art with occasional forays into print. Chris has worked closely with physicians and attorneys in preparation of all facets of medical illustration, either in 2 or 3 dimensions. Chris Brown can be reached at [loftstudio@netzero.net](mailto:loftstudio@netzero.net).

# **LIST OF CHAPTERS**

**CHAPTER 1 Interviewing the Client and Filing the Case**

**CHAPTER 2 Anatomy of the Neck and Back**

**CHAPTER 3 Diagnosing Neck and Back Injuries**

**CHAPTER 4 Treating Neck and Back Injuries**

**CHAPTER 5 Evaluating Permanent Impairment**

**CHAPTER 6 Investigation of the Case**

**CHAPTER 7 The Physician**

**CHAPTER 8 Dealing with Defense Team: Insurers, Defense Counsel and Impartial Medical Experts**

**CHAPTER 9 Pretrial Procedures**

**CHAPTER 10 Preparing for Trial and Appeal**

**CHAPTER 11 Traumatic Brain Injury**

**Illustration Gallery**

**Table of Abbreviations**

**Table of Forms and Figures**

**Table of Cases**

**Table of Statutes**

**Bibliography**

**Index**

# TABLE OF CONTENTS

## CHAPTER 1 Interviewing the Client and Filing the Case

### I. Initial Interview

#### A. Preparation

- § 1:10 Introduction
- § 1:11 The Role of Paralegals
- § 1:20 Surveillance
- § 1:30 Connective Tissue Injuries
- § 1:40 Client Morale
- § 1:50 Client Confidence
- § 1:60 Using Knowledge of Anatomy
- § 1:70 Fee Arrangements and Agreements
- § 1:80 Sample Client Letter

#### B. Obtaining Information

- § 1:90 Introduction
- § 1:100 Sample Client Interview Form
- § 1:110 Authorizations
  - § 1:110.10 [Reserved]
  - § 1:110.20 Federal Tax Records
  - § 1:110.30 State Tax Records
  - § 1:110.40 Driving Record
  - § 1:110.50 Social Security Records
  - § 1:110.60 Veterans Administration Records
  - § 1:110.70 Workers' Compensation Records
  - § 1:110.80 Criminal/Accident
  - § 1:110.90 Employment Records
  - § 1:110.100 Education Records
  - § 1:110.110 Insurance Records
  - § 1:110.120 Social Networking and Internet
- § 1:120 Sample Change of Circumstances Form
- § 1:130 Checklist: File Organization

### II. Special Problems

- § 1:140 Counterclaims
- § 1:141 Notice of Non-Party Fault
  - § 1:141.1 Introduction
  - § 1:141.2 Procedural Considerations
  - § 1:141.3 Notice of Nonparty Fault in Practice
  - § 1:141.4 Federal Notice of Non-Party Fault
  - § 1:141.5 Conclusion
- § 1:150 Problem Client
  - § 1:150.10 Criminal Record
  - § 1:150.20 Factitious Complaints
  - § 1:150.30 Malingering
  - § 1:150.31 Neuropsychological Perspectives on Malingering

§ 1:150.40	Refuting Claims of Malingering
§ 1:160	Weak Liability
§ 1:170	Problems of Proof
§ 1:180	Problems in Recovery
§ 1:190	Prior Injuries and Pre-Existing Illnesses
§ 1:190.10	Trying the Case as a New Injury
§ 1:190.20	Susceptibility to New Injury
§ 1:190.30	Aggravation of Pre-Existing Injury
§ 1:190.40	Use During Opening Statement
§ 1:190.50	Dealing with the Psychology of Injury
§ 1:200	Unsympathetic Treating Physician
§ 1:210	Referring Client to Specialist
§ 1:211	[Reserved]
§ 1:212	No-Fault Auto Insurance Limits Non-Economic Damages
§ 1:212.1	Traditional Tort System Compared
§ 1:212.2	No-Fault “Threshold”
§ 1:212.3	Advantages and Disadvantages of No-Fault System
§ 1:213	Liens
§ 1:213.1	Governing Principles
§ 1:213.2	Step #1: Identify Potential Lienholders
§ 1:213.3	Step #2: Notify Potential Lienholders and Stay Informed
§ 1:213.4	Step #3: Negotiate the Lien Amount
§ 1:213.5	No-Fault Auto Insurance and ERISA Plan Health Insurance Coverage Letter
§ 1:213.6	Set-Aside Form
§ 1:213.7	Consent to Release Form
§ 1:213.8	Coordination of Benefits Cover Letter
§ 1:213.9	Request for Conditional Payment Letter
§ 1:213.10	ERISA Document Request Letter
§ 1:213.11	Complaint for Declaration of Rights & Responsibilities

### **III. Establishing Damages**

#### **A. Types of Damages**

§ 1:220	Introduction
§ 1:230	General and Special Damages
§ 1:231	Punitive Damages
§ 1:240	Consortium Claims
§ 1:250	Out-of-Pocket Damages

#### **B. Documenting Damages**

##### **1. Client Diary**

§ 1:260	Introduction
§ 1:270	Documenting Pain and Suffering
§ 1:280	Method of Presentation
§ 1:290	Special Instructions
§ 1:291	The AMA GUIDES TO THE EVALUATION OF PERMANENT IMPAIRMENT and the Personal Injury Diary
§ 1:291.1	Philosophy of New Guides: AMA GUIDES TO THE EVALUATION OF PERMANENT IMPAIRMENT Fifth Edition

## **■ TABLE OF CONTENTS**

- § 1:292 The Electronic Diary
- § 1:293 Functional Status Tests

### **2. Checklist and Forms**

- § 1:300 Checklist: Damage Evaluation
- § 1:310 Form: Tracking Health Care Costs
- § 1:320 Form: Medical, Psychological and Psychiatric Expense List
- § 1:321 Form: Home Health Care Expense List

## **IV. Drafting Complaints**

- § 1:330 Selecting Defendants
- § 1:340 Selecting Causes of Action
- § 1:341 Statutes of Limitations and Borrowing Statutes
- § 1:342 List of State Borrowing Statutes
- § 1:350 Checklist
- § 1:360 Sample Complaints
  - § 1:360.10 Automobile Accident Case
  - § 1:360.20 Automobile Accident Resulting in Closed Head Injury
  - § 1:360.21 Automobile Accident Resulting in Whiplash Injury
  - § 1:360.22 Automobile Accident – Federal Court – Driver Not Wearing Glasses
  - § 1:360.23 Complaint: Automobile Accident – Uninsured Motorist
  - § 1:360.30 Product Liability Case
  - § 1:360.40 Slip and Fall Case
  - § 1:360.41 Slip and Fall Cases – Slip on Debris in Clothing Store
  - § 1:360.42 Slip and Fall Case – Defective Stairs
  - § 1:360.50 Assault Case Resulting in Soft Tissue and Temporomandibular Joint Syndrome
  - § 1:360.60 Soft Tissue Injury and Loss of Consortium Claim
  - § 1:360.70 Assistance of Other Experts in Proving Mild Traumatic Brain Injury

## **V. Checklist**

- § 1:370 Chapter Checklist

# **CHAPTER 2 Anatomy of the Neck and Back**

## **I. Spinal Column**

### **A. Anatomy**

- § 2:10 Introduction
- § 2:20 Vertebrae
- § 2:30 Intervertebral Discs
- § 2:40 Ligaments
- § 2:50 Fascia
- § 2:60 Muscles
- § 2:61 Muscles of the Neck: Anatomic Limits, Innervation and Function

### **B. Injury**

- § 2:70 Overview

**II. Nervous System**

**A. Anatomy**

**1. Spinal Cord**

- § 2:80 Introduction
- § 2:90 Major Membranes

**2. Nerve Roots**

- § 2:100 Introduction
- § 2:110 Dermatomes and Myotomes

**3. Relationship of Spinal Nerves and Intervertebral Discs**

- § 2:120 Introduction
- § 2:121 Innervation
- § 2:130 Cervical Region
- § 2:131 Blood Supply to the Cervical Spine Column
- § 2:132 Cervical Radiculopathy
- § 2:140 Thoracic Region
- § 2:141 Brachial Plexus
- § 2:150 Lumbar Region

**B. Injury**

- § 2:160 Overview

**III. Checklist**

- § 2:170 Chapter Checklist

## **CHAPTER 3 Diagnosing Neck and Back Injuries**

**I. Examination**

**A. Introduction**

- § 3:10 Overview
- § 3:20 Office Examination
- § 3:30 Emergency Room Examination

**B. Objective Findings**

**1. Introduction**

- § 3:40 Overview
- § 3:50 General Tests

**2. Testing Individual Nerve Roots**

- § 3:60 Overview and Checklist
- § 3:70 Motor Power
- § 3:80 Sensation
- § 3:90 Reflex
- § 3:100 Relating Disc Levels With Motor, Sensory and Reflex Deficits
- § 3:101 Signs and Tests Table
- § 3:102 Electrodagnostic (EDX) Medicine
- § 3:103 Nerve Conduction Studies
- § 3:104 Needle Electromyography
- § 3:105 Evoked Potentials

## **■ TABLE OF CONTENTS**

### **C. Subjective Findings**

- § 3:110 Overview
- § 3:120 Range of Motion (ROM)
- § 3:130 Valsalva Test
- § 3:140 Distraction Test
- § 3:150 Compression Test
- § 3:160 Lasegeu's Test
- § 3:170 Straight Leg Raising Test (SLR)
- § 3:180 Bragard's Test
- § 3:190 Fabere or Patrick Test
- § 3:200 Beevor's Sign
- § 3:200.1 Nonorganic Signs are Unreliable as Screening Tool

### **D. Common Injuries and Diseases**

#### **1. Whiplash Injuries**

- § 3:201 Clinical Presentation of Cervical Hyperextension Injuries
- § 3:210 Overview
- § 3:220 Biomechanics and Pathomechanics
  - § 3:220.1 Whiplash Symptoms
- § 3:221 Descriptions of Low Back Problems
- § 3:222 Sprains and Strains
  - § 3:222.1 Symptoms of a Neck Sprain
- § 3:230 Checklist: Sources of Pain
- § 3:231 Checklist: Causes of Low Back Pain
- § 3:232 Smoking and Back Pain
- § 3:233 Sacroiliac Joint Disease
- § 3:234 Blunt Trauma and Piriformis Syndrome
- § 3:240 Checklist: Injuries and Symptoms
- § 3:241 Injuries and Rear-End Collisions
- § 3:242 Injury-Producing Forces and Movements
- § 3:243 Injury Risk Factors
- § 3:244 The Superimposed Indirect Acceleration Injury
- § 3:245 Indirect Acceleration Injury Cases
- § 3:246 Mechanisms of Soft Tissue Injury in Motor Vehicle Accidents
  - § 3:246.1 Mechanism of Injury in Cervical Hyperextension Cases
  - § 3:246.2 Whiplash Syndrome: Brain Damage and Impaired Cognitive Performance
- § 3:247 Checklist on Causes of Neck and Back Pain
- § 3:248 Postural Pain
- § 3:249 Clinical Classifications of Cervical Hyperextension Injuries and Associated Disorders

#### **2. Fractures and Other Disorders**

- § 3:250 Overview
- § 3:260 Checklist of Fracture Types
  - § 3:260.1 High Risk Fractures
- § 3:261 Craniocerebral, Cervical Spine and Spinal Cord Injuries
- § 3:262 Endocrinologic Disorders of the Cervical Spine
- § 3:263 Suppression of Vitamin K and Increased Risk of Bone Fractures

**3. Temporomandibular Joint Pain Syndrome**

- § 3:270 Introduction
- § 3:280 Anatomy
- § 3:290 Mechanism of Injury
- § 3:300 Symptoms
- § 3:310 Diagnosis
- § 3:320 Treatment
- § 3:321 Additional Treatments

**4. Head Injuries**

- § 3:330 Introduction
- § 3:340 Types of Damage
- § 3:350 Injury Absent Objective Signs
- § 3:360 Diagnosis of Head Injuries
  - § 3:360.10 Anatomy
  - § 3:360.20 Examination and Treatment
  - § 3:360.30 Documenting Level of Consciousness
  - § 3:360.40 Imaging Techniques
  - § 3:360.50 Assistance of Neurosurgeon
  - § 3:360.60 Assistance of Neuropsychologists
- § 3:370 Common Defense Tactics

**5. Spinal Shock**

- § 3:380 Overview
- § 3:381 Spinal Epidural Abscess

**6. Discs**

- § 3:390 Pre-Existing Disc Degeneration
- § 3:391 Relationship Between Disc Herniation and Degenerative Disc Disease
- § 3:392 Smoking as a Causative Factor in Disc Degeneration
- § 3:400 Bulging Discs Versus Herniated Discs
  - § 3:400.1 Bulging and Some Protruding Discs as Degenerative in Nature
  - § 3:400.2 Bulges, Extensions, Protrusions and Sequestrations
- § 3:401 Types of Herniated Discs
- § 3:402 Non-Mechanical Causes of Recurrent Pain
- § 3:403 Spinal Disk Abnormalities
- § 3:410 Defense Arguments

**7. Thoracic Outlet Syndrome**

- § 3:420 Overview
- § 3:430 Diagnosis and Treatment

**8. Piriformis Syndrome**

- § 3:431 Overview

**9. Chronic Compartment Syndrome (CCS)**

- § 3:432 Overview
- § 3:433 Coccydynia
- § 3:434 Diagnosis of Coccydynia
- § 3:435 Conservative Treatment for Coccydynia
- § 3:436 Surgical Treatments for Coccydynia

## **■ TABLE OF CONTENTS**

### **II. Diagnosis**

#### **A. Introduction**

- § 3:440 Overview
- § 3:450 The *Daubert* Standard
- § 3:460 *Daubert* on Remand
- § 3:461 *Daubert* and Psychological Syndrome Evidence
- § 3:462 *Daubert* and Non-Scientific Evidence: The *Kumho Tire* Case
  - § 3:462.1 *Kumho Tire*, *Daubert* and the Federal Rules of Evidence
  - § 3:462.2 *Daubert* Hearings – Trial Judge Must Act as “Gatekeeper” under *Daubert*
  - § 3:462.3 *Daubert* and General Objections
- § 3:463 The Standard of Review on *Daubert* Rulings
  - § 3:463.1 The *Weisgram* Case and Expert Testimony
  - § 3:463.2 Surviving a *Daubert/Kumho Tire* Challenge
- § 3:464 *Daubert* and Treating Physicians
- § 3:465 *Daubert* and Fibromyalgia
- § 3:466 *Daubert* and the Differential Diagnosis

#### **B. Diagnostic Studies**

- § 3:470 X-Rays
  - § 3:470.10 Limitations
  - § 3:470.20 Foundation for Admission
  - § 3:470.30 Checklist on X-Rays
  - § 3:470.40 Sample Testimony of X-Ray Technician
- § 3:480 Electromyography (EMG)
- § 3:490 Tomography, CAT and CT Scans
- § 3:491 Risks and Limitations of CAT Scan
- § 3:492 Sample Testimony of Radiographer on CT Scan
- § 3:493 Preparation for CT Scanning
- § 3:494 Other Forms of Tomography: PETT, SPECT and EIT
- § 3:500 Myelograms
- § 3:510 Discogram
- § 3:520 Cervical Disc Distention Test
- § 3:530 Magnetic Resonance Imaging
  - § 3:530.01 Principal Components of Magnetic Resonance Imaging Machine
  - § 3:530.10 How MRI Works
  - § 3:530.20 Advantages
  - § 3:530.30 Limitations
  - § 3:530.40 Conducting Test
  - § 3:530.50 Interpretation
  - § 3:530.60 Foundation for Admission
  - § 3:530.70 Sample Testimony of Radiographer on MRIs
  - § 3:530.80 Open-Sided MRI
- § 3:540 Thermography
  - § 3:540.10 Liquid Crystal Thermography (“LCT”)
  - § 3:540.20 Electronic Thermography (“ET”)
  - § 3:540.30 Proper Techniques

- § 3:540.40 Application in Soft Tissue Injury Cases
- § 3:540.50 Medical Acceptance
- § 3:540.60 Legal Acceptance
- § 3:540.70 Sample Foundation for Admission
- § 3:550 Other Diagnostic Tests
  - § 3:550.10 Lumbar Puncture ("Spinal Tap")
  - § 3:550.20 Ultrasonography
    - § 3:550.20.1 Quantitative Ultrasound
  - § 3:550.21 Real-Time Sonography
  - § 3:550.30 Arthrography
  - § 3:550.40 Angiography
  - § 3:550.50 Bone Scan
  - § 3:550.51 Osteoporosis and Bone Densitometry
  - § 3:550.60 Electroencephalography (EEG)
  - § 3:550.70 Video Fluoroscopy
  - § 3:550.80 HLA-B27
  - § 3:550.90 The Expert Vision Spinoscope®
  - § 3:550.91 Electrical Source Imaging
  - § 3:550.92 Magnetic Source Imaging (MSI)
  - § 3:550.93 Laser Optical Imaging
  - § 3:550.94 Tests For Bone Mineral Density (BMD)
  - § 3:550.95 Laboratory Tests

**C. Diagnosing Spinal Lesions**

- § 3:560 Introduction
- § 3:570 Neurologic Level C1/C2
- § 3:580 Neurologic Level C3 (C3 Intact—Lesion Between C2 and C3)
- § 3:590 Neurologic Level C4 (C4 Intact—Lesion Between C3 and C4)
- § 3:600 Neurologic Level C5 (C5 Intact—Lesion Between C5 and C6)
- § 3:610 Neurologic Level C6 (C6 Intact—Lesion Between C6 and C7)
- § 3:620 Neurologic Level C7 (C7 Intact—Lesion Between C7 and T1)
- § 3:630 Neurologic Level C8 (C8 Intact—Lesion Between T1 and T2)
- § 3:640 Neurologic Levels T1 (T1 Intact—Lesion Between T2 and T3)
- § 3:650 Neurologic Levels T1 Through T12
- § 3:660 Neurologic Level L1 (L1 Intact—Lesion Between L1 and L2)
- § 3:670 Neurologic Level L2 (L2 Intact—Lesion Between L2 and L3)
- § 3:680 Neurologic Level L3 (L3 Intact—Lesion Between L3 and L4)
- § 3:690 Neurologic Level L4 (L4 Intact—Lesion Between L4 and L5)
- § 3:700 Neurologic Level L5 (L5 Intact—Lesion Between LS and SI)
- § 3:710 Neurologic Level SI (SI Intact—Lesion Between SI and S2)

**D. Diseases Associated with Neck and Back Pain**

- § 3:720 Checklist on Rheumatic Diseases Associated with Neck Pain
- § 3:721 Psoriatic Arthritis
- § 3:722 Vertebral Osteomyelitis
- § 3:723 Meningitis
- § 3:724 Paget's Disease of the Bone
- § 3:725 Infiltrative Lesions of the Cervical Spine
- § 3:726 Aneurysmal Bone Cyst

## **■ TABLE OF CONTENTS**

- § 3:727 Hemangioma
- § 3:728 Eosinophilic Granuloma
- § 3:729 Chordoma
- § 3:730 Multiple Myeloma
- § 3:731 Lymphomas
- § 3:732 Skeletal Metastases
- § 3:733 Intraspinal Neoplasm
- § 3:734 Enteropathic Arthritis
- § 3:735 Diffuse Idiopathic Skeletal Hyperostosis
- § 3:736 Reiter's Syndrome
- § 3:737 Summary of Spinal Metastases
- § 3:738 Degenerative and Inflammatory Diseases

### **III. Checklist**

- § 3:800 Chapter Checklist

## **CHAPTER 4 Treating Neck and Back Injuries**

### **I. Conservative**

#### **A. Introduction**

- § 4:10 Introduction
- § 4:20 Bedrest

#### **B. Traction**

- § 4:30 Introduction
- § 4:40 Applying Traction
- § 4:50 Traction Devices

#### **C. Drugs**

##### **1. Introduction**

- § 4:60 Prescribing Drugs
- § 4:70 Physicians' Desk Reference Guides

##### **2. Types of Drugs**

- § 4:80 The Inflammatory Response
- § 4:81 Anti-Inflammatories
- § 4:90 Muscle Relaxants
- § 4:100 Analgesics
- § 4:101 Epidural Steroids

#### **D. Physical Therapy and Manipulation**

- § 4:110 Overview
- § 4:111 The Role of the Physical Therapist
- § 4:120 Heat Application
- § 4:130 Cold Application (Cryotherapy)
- § 4:140 Ultrasound

#### **E. Other Forms of Treatment**

- § 4:150 Physical Therapy: Electroanalgesia by Means of Transcutaneous Electrical Nerve Stimulation (TENS)
- § 4:151 The Use of TENS to Treat Cervical Pain Syndrome

- § 4:152 Spinal Cord Stimulation
- § 4:160 Facet Joint Injections
  - § 4:160.1 Facet Technologies
- § 4:161 Trigger Point Injection
  - § 4:161.1 Botulinum Toxin as Treatment for Whiplash-Associated Neck Pain
- § 4:162 Arthrocentesis
- § 4:163 Trigger Points For Myofascial Pain Syndrome
- § 4:170 Epidural Steroid Injections
- § 4:180 Epidural Venogram
- § 4:181 Willow Bark Extract
- § 4:190 Massage
- § 4:191 Early Physical Therapy
- § 4:192 Lumbar Supports
- § 4:193 MedX® Program
- § 4:194 Homeopathic Gel
- § 4:195 Therapeutic Magnets
- § 4:196 Radiofrequency Neurotomy
  - § 4:196.1 The Anatomy of Facet Joints and Sacroiliac Joints
- § 4:197 Complications of Radiofrequency Neurotomy
- § 4:200 Sciatica Exercises
  - § 4:200.1 Exercise for Sciatica (Herniated Disk)
  - § 4:200.2 Exercise for Sciatica (Spinal Stenosis)
  - § 4:200.3 Exercise for Sciatica (Degenerative Disk Disease)
  - § 4:200.4 Exercise for Sciatica (Isthmic Spondylothesis)
  - § 4:200.5 Exercise for Sciatic Pain (Piriformis Syndrome)
  - § 4:200.6 Exercise for Sciatic Pain (Sacroiliac Joint Dysfunction)
  - § 4:200.7 Sciatica (Hamstring Stretching Exercises)
- § 4:201 Back School
- § 4:202 Taking a History of Low Back Pain
- § 4:203 MacKenzie Protocol for Low Back Pain
- § 4:204 Waddell Score
- § 4:210 Checklist: Organic Causes of Low Back Pain
- § 4:211 Cervical Nonorganic Signs
- § 4:212 Physical Therapy Clinical Practice Guidelines
- § 4:213 Sample Report on Permanent Impairment Resulting from Neck or Back Injury

## **II. Surgical Intervention**

### **A. Justifying Surgery**

- § 4:220 Introduction
- § 4:230 Motor Deficits
- § 4:240 Pain
- § 4:241 Clinical Screening for Surgical Spine Injuries

### **B. Conditions Requiring Surgery**

- § 4:250 Treatment Options for Herniated Discs
  - § 4:250.1 Surgery for Herniated Discs
- § 4:251 Indications for Cervical Spine Surgery

## **■ TABLE OF CONTENTS**

- § 4:252 Complications of Cervical Spine Surgery
- § 4:253 Post-Operative Complications
- § 4:254 Surgical Procedures for Acute Disc Herniation
- § 4:260 Nerve Root Entrapment
- § 4:261 Summary of Various Forms of Spine Surgery
- § 4:270 Causalgia
- § 4:280 Reflex Sympathetic Dystrophy
- § 4:281 Complex Regional Pain Syndrome (CRPS)
  - § 4:281.1 Erythromelalgia
- § 4:282 Pain Syndrome
- § 4:283 Cervical Spine Surgery
  - § 4:283.1 Disk Nucleus Replacement
  - § 4:283.2 Other Lumbar Artificial Disk Developments
  - § 4:283.3 Lumbar Artificial Disk Surgery
  - § 4:283.4 Suggestions of Questions to Ask Spine Surgeon
- § 4:284 Medical Conditions That May Cause Carpal Tunnel Syndrome
- § 4:285 Diagnosis of Carpal Tunnel Syndrome
- § 4:286 Chiropractic Treatment For Carpal Tunnel Syndrome
- § 4:287 Laser Light Therapy Treatment
- § 4:288 American College of Orthopedic Surgeons' Recommended Carpal Tunnel Decompression Exercises
- § 4:289 Steroid Injection

### **III. Psychological Treatment**

#### **A. Elements of Chronic Pain Syndrome**

- § 4:290 Introduction
- § 4:300 Persistent Complaints of Pain
- § 4:310 Impaired Functioning
- § 4:320 Emotional Distress
- § 4:321 General Signs and Symptoms Associated with Fibromyalgia Syndrome
  - § 4:321.1 Diagnostic Criteria
  - § 4:321.2 Limitations on Diagnostic Criteria
- § 4:322 Three Major Types of Fibromyalgia Syndrome
- § 4:323 Fibromyalgia and Psychogenic Disorders
- § 4:324 Prognostic Factors For Development of Fibromyalgia
- § 4:325 Fibromyalgia Disability Rating
- § 4:326 Fibromyalgia in Men
- § 4:327 Fibromyalgia Symptoms: Fibrofog

#### **B. Results of Chronic Pain**

- § 4:329 Hormones and Fibromyalgia
  - § 4:329.1 Sleep Disturbances and Fibromyalgia
  - § 4:329.2 Muscle Injury and Fibromyalgia
  - § 4:329.3 Massage Therapy and Fibromyalgia
  - § 4:329.4 Chronic Opioid and Analgesic Therapy
  - § 4:329.5 Behavior Therapies
- § 4:330 Chemical Dependency
- § 4:340 Family Discord
- § 4:350 Vocational Difficulties

- § 4:351 Analgesics and Chronic Pain
- § 4:352 Chronic Back Pain and Depression
- § 4:353 Update on Cox-2 Inhibitors and Other NSAIDs

**C. Testing Methods**

- § 4:360 Introduction
- § 4:370 Initial Interview
- § 4:380 Self-Reporting Methods
- § 4:390 Personality Tests
- § 4:391 Documentation of Chronic Pain: Subjective and Objective Methods
- § 4:392 The Psychiatrist and the Chronic Pain Team
- § 4:393 The Psychophysiological Response to Chronic Pain and Depression
- § 4:400 DSM-IV: Diagnostic Criteria for Pain Disorder
- § 4:401 The Polygraph for Pain

**D. Treatment**

- § 4:410 Introduction
- § 4:420 Modalities
- § 4:430 Settings
- § 4:440 Goals

**IV. Chiropractic Medicine**

- § 4:450 Introduction
- § 4:451 Top 3 Defenses Against Chiropractic Treatment (and Best Responses)
- § 4:452 Scope of Chiropractic Treatment
- § 4:460 Diagnosis
- § 4:470 Types of Pathologies
- § 4:480 Treatment
- § 4:481 The Activator Chiropractic Technique
- § 4:490 Patient Management
  - § 4:490.1 Spinal Manipulation vs. Acupuncture and Medical Treatment
- § 4:491 Overutilization of Chiropractic Services
- § 4:492 Post-Cervical Manipulation Stroke

**V. Other Treatments**

- § 4:500 Chemonucleolysis
- § 4:510 Ergonomics as a Multi-Disciplinary Activity
- § 4:520 Tissue Proliferation
- § 4:530 Spinal Fusion
- § 4:531 The BAK Interbody Fusion System
- § 4:532 Laparoscopic Assisted Spinal Fusion
- § 4:533 Percutaneous Endoscopic Cervical/Lumbar Discectomy
- § 4:534 Intradiscal Electrothermal Annuloplasty
- § 4:535 Lumbar Inter-Body Fusion
- § 4:536 Endoscopic Laser Foraminoplasty
- § 4:537 Balloon Kyphoplasty
- § 4:538 Autonomic Nervous System Dysfunctions

**VI. Checklist**

- § 4:540 Chapter Checklist

## **■ TABLE OF CONTENTS**

# **CHAPTER 5 Evaluating Permanent Impairment**

## **I. Introduction**

- § 5:10 Disability Ratings
- § 5:20 Definitions
- § 5:30 Methodology

## **II. Application**

### **A. Back**

- § 5:40 Techniques of Measurement
- § 5:50 Factors of Measurement

### **B. Peripheral Spinal Nerves**

- § 5:60 Introduction
- § 5:70 Evaluating Pain
- § 5:71 AMA Guides and Evaluation of Permanent Impairment of Pain
- § 5:72 AMA Guides' Diagnostic Criteria in Determining Effects of Pain
- § 5:80 Evaluating Muscle Strength
- § 5:81 Guides to the Evaluation of Permanent Impairment (Fifth Edition)

## **III. Evaluation**

### **A. Physical Aspects**

- § 5:90 Low Back
- § 5:100 Cervical
- § 5:101 Cervical Spine Impairment Ratings
- § 5:110 Upper Extremity

### **B. Vocational Effect**

- § 5:120 Introduction
- § 5:130 Physical Evaluation
- § 5:131 Reliability of AMA Spinal Range of Movement Guidelines
- § 5:140 Vocational Evaluation
  - § 5:140.10 Whole Body Range of Motion Test (WBRM)
  - § 5:140.20 Microcomputer Evaluation and Screening Assessment (MESA)
  - § 5:140.30 Wide Range Achievement Test (WRAT)
  - § 5:140.40 Results of Vocational Tests
- § 5:150 Social Security Disability
- § 5:151 Chart of Industrial Back Injury Work Restriction Classifications
- § 5:152 Rehabilitation: Returning the Injured Worker to the Job
- § 5:153 Functional Ability Assessments and the Americans with Disabilities Act

## **IV. Checklist**

- § 5:160 Chapter Checklist

# **CHAPTER 6 Investigation of the Case**

## **I. Introduction**

- § 6:10 Role of Investigation
- § 6:20 Role of Investigator

- § 6:20.10 Sample Transmittal Letter to Investigator
- § 6:20.20 Sample Investigation Report Form
- § 6:21 Role of Professional Engineers
- § 6:30 Role of Attorney

## **II. Gathering and Preserving Evidence**

### **A. Testimonial Evidence**

#### **1. Witness Statements**

- § 6:40 Witnesses
- § 6:41 The Role of the Police Officer
- § 6:50 Expert Witness Statements
- § 6:60 Preserving Statements

#### **2. Depositions Before the Lawsuit Is Filed**

- § 6:70 Introduction
- § 6:80 Sample Petition for Perpetuation of Testimony
- § 6:81 Motion to Preserve Evidence

### **B. Non-Testimonial Evidence**

- § 6:90 Videotapes
- § 6:100 Photographs
- § 6:110 Diagrams
  - § 6:110.11 Simulated Linear Accident Momentum (SLAM)
- § 6:120 Computer Programs
  - § 6:120.10 Simulation Model of Automobile Collision (SMAC)
  - § 6:120.20 Other Computer Model Programs
  - § 6:120.30 Admission of Computer-Generated Videographics
  - § 6:120.40 Virtual Reality Videotapes
  - § 6:120.50 Collision Analysis
  - § 6:120.51 Seat Analysis: Unsafe Design
  - § 6:120.52 Crashworthiness Analysis: Vehicle Rollovers
  - § 6:120.53 Mechanisms of the Injury in Collision Cases
  - § 6:120.54 Sample Discovery Request Regarding Accident Reconstruction
  - § 6:120.55 Using Textile Plastic Fusing for Accident Reconstruction Investigation

### **C. Public Records**

- § 6:130 The Power of the Freedom of Information Act (FOIA)
- § 6:140 Reserved

### **D. Discovery Considerations**

- § 6:150 Federal Rule of Civil Procedure Mandatory Disclosures
- § 6:160 Supplementing Discovery Responses
- § 6:170 Expert Witness Chart
- §§ 6:180 – 6:190 [Reserved]

## **III. Checklist**

- § 6:200 Chapter Checklist

## **IV. Appendix**

- List of FOIA Contact Information

## **■ TABLE OF CONTENTS**

# **CHAPTER 7 The Physician**

## **I. Introduction**

- § 7:10 Role of the Physician
- § 7:20 Establishing Rapport
- § 7:30 Gaining Physician Confidence
- § 7:31 Chart of Certification and Board Specialties
- § 7:32 Checklist of Medical Specialties

## **II. Communicating with Treating Physicians**

### **A. Plaintiff Contact**

- § 7:40 Introduction
- § 7:50 Letters
  - § 7:50.10 Introduction
- § 7:60 Forms
  - § 7:60.10 Introduction
  - § 7:60.20 Sample Work Restriction Evaluation Form
- § 7:70 Interviews
  - § 7:70.10 Introduction
  - § 7:70.20 Initial Interview
  - § 7:70.30 Interim Interviews
  - § 7:70.40 Final Preparatory Interview

### **B. Defense Contact**

- § 7:80 Introduction
- § 7:90 Federal Courts
- § 7:100 State Law Prohibiting Ex Parte Contact
- § 7:110 State Law Allowing Ex Parte Contact
- § 7:111 Letter to Treating Physician re Ex Parte Contact

## **III. Medical Reports and Records**

### **A. Introduction**

- § 7:120 Reports vs. Records
- § 7:130 Computerized Records
- § 7:140 In Practice: Obtaining Effective Documentation of Injury
  - § 7:140.1 Form: Request for Narrative Report
  - § 7:140.2 Form: Affidavit of Treating Physician
  - § 7:140.3 Form: Deposition Questions for Client's Treating Doctor

### **B. Physician Office Records**

- § 7:150 Overview
- § 7:160 Legibility and Comprehensiveness
- § 7:170 Medical History
- § 7:180 Symptom Review
- § 7:190 Examination
- § 7:200 Diagnosis
- § 7:210 Prognosis

### **C. Hospital Records**

- § 7:220 Overview
- § 7:230 Admission Chart

- § 7:240 Vital Sign Sheets
- § 7:250 Doctor's Order Sheet
- § 7:260 Nurse's Notes
- § 7:270 Progress Notes
- § 7:280 Consultations
- § 7:290 Laboratory Reports
- § 7:300 Physiotherapy Reports
- § 7:310 Discharge Summary

**D. Using Medical Records**

- § 7:320 Reading and Interpreting
- § 7:330 Cataloging
- § 7:340 Postaccident Negative Findings
- § 7:350 Inconsistencies
- § 7:360 Documenting Pain and Suffering
- § 7:361 Medical Summaries
- § 7:370 Inferring Missing Information
- § 7:371 Altered and Lost Medical Records

**IV. Physician Expert Witness**

- § 7:380 Introduction
- § 7:390 Communicating with Expert Physician
- § 7:391 Deposing Physicians

**V. Checklist**

- § 7:400 Chapter Checklist

## **CHAPTER 8 Dealing with Defense Team: Insurers, Defense Counsel and Impartial Medical Experts**

**I. Valuing the Case**

**A. Introduction**

- § 8:10 Elements of Recovery
- § 8:20 Chart: Itemizing Damages
- § 8:30 Checklist

**B. Economic Loss**

- § 8:40 Overview
- § 8:50 Medical Expenses
- § 8:60 Lost Earnings/Earning Capacity

**C. Non-Economic Loss**

- § 8:70 Overview
- § 8:80 Types of Pain and Suffering
- § 8:90 Measuring Pain and Suffering

**II. The Adjuster**

**A. Introduction**

**1. Tactics**

- § 8:100 Litigation vs. Claims Adjustment
- § 8:110 Experienced vs. Inexperienced Adjusters

## **■ TABLE OF CONTENTS**

§ 8:120	Tips for Dealing with Adjusters
§ 8:120.1	Form: Letter to Adjuster re Low Impact Injuries
§ 8:130	Checklist for Dealing with Adjusters
<b>2. Role of Case Reserves</b>	
§ 8:140	Introduction
§ 8:150	Estimating Case Reserves
<b>B. The Claim</b>	
<b>1. Preparing Medical Support</b>	
§ 8:160	Treating Physician
§ 8:170	Non-Treating Physicians
§ 8:180	Avoid Unnecessary Special Damages
§ 8:190	Provide Documentary Support
<b>2. Presenting the Claim</b>	
§ 8:200	Introduction
§ 8:210	Demand Letters
§ 8:210.1	Preparing Demand Letter
§ 8:210.2	Anatomy of a Demand Letter
§ 8:210.3	Sample Demand Letter
§ 8:220	Settlement Brochures
§ 8:220.1	Magazine Format
§ 8:220.2	Thematic Format
§ 8:220.3	Sample Cover Letter
§ 8:230	Videos
§ 8:230.1	Day-in-the-Life Video
§ 8:230.2	Settlement Video
<b>3. Special Problems</b>	
§ 8:240	Weak Documentation
§ 8:250	Weak Liability
§ 8:260	Damages Exceeding Policy Limits
§ 8:270	Incompetent or Minor Client
<b>C. Settlement</b>	
<b>1. Negotiation</b>	
§ 8:280	Settlement Mentality
§ 8:290	Dealing With Lowball Offers
§ 8:300	Checklist for Negotiations
<b>2. Closing the Deal</b>	
§ 8:310	When to File Suit
§ 8:320	When to Settle
§ 8:330	Checklist
§ 8:331	Enforcing Mediation Agreements and Settlements
§ 8:332	Components of the Mediation/Settlement Document

## **III. Defense Counsel**

### **A. Introduction**

§ 8:340	New Emphasis
§ 8:350	Special Problems
§ 8:351	The Defense Perspective

**B. Settlement**

**1. Introduction**

- § 8:360 Settlement vs. Trial
- § 8:370 Negotiating Tactics
- § 8:380 “Reading” Your Opponent
- § 8:381 Sample Mutual Release and Settlement Agreement

**2. Structured Settlements**

- § 8:390 Introduction
- § 8:400 Advantages and Disadvantages
- § 8:410 Selecting the Annuity
- § 8:420 Tax Treatment
- § 8:430 Constructive Receipt
- § 8:440 Explaining Structured Settlements
- § 8:450 Checklist

**3. Settlement Fund Management Trust**

- § 8:460 Introduction
- § 8:470 Structure
- § 8:480 Associated Risk
- § 8:490 Revocability
- § 8:500 Advantages

**4. Tax Strategies**

- § 8:510 Introduction
- § 8:520 Inheritance Tax
- § 8:530 Allocating Settlement Funds
- § 8:531 Tax Reporting Requirements for Personal Injury Attorneys
- § 8:540 “Rigging” Settlements
- § 8:541 Avoiding Taxation Problems in Non-Physical Tort Cases

**C. Joint Tortfeasors**

- § 8:550 Introduction
- § 8:551 Sample Joint Tortfeasor Release
- § 8:560 Comparative Negligence
  - § 8:560.1 Types
  - § 8:560.2 Strategies
- § 8:570 Joint Tortfeasor Releases
- § 8:580 Mary Carter Agreements
- § 8:590 Effect of Settlement on Co-Defendants

**IV. Impartial Medical Experts**

- § 8:600 Impartial/Independent/Insurance Medical Experts
- § 8:610 Arranging Examinations
  - § 8:610.1 Form: DME Court Order
  - § 8:610.2 Form: Letter to Client re DME
- § 8:620 Obtaining Information
- § 8:621 Form: DME Interrogatories
- § 8:630 Providing Information
- § 8:640 Requesting DME Report

## **■ TABLE OF CONTENTS**

§ 8:650	Using DME Bias
§ 8:650.1	Form: Brief in Support of Motion to Compel Financial Records From DME
§ 8:650.2	Form: Addendum to Deposition Subpoena Duces Tecum for DME
§ 8:651	Neutralizing the Psychological DME
§ 8:652	Deposing the Psychological DME
§ 8:652.1	Incomplete Records
§ 8:652.2	Testing Methods
§ 8:652.3	Test Results or Omissions Helpful to Plaintiff
§ 8:660	Treating Physician

### **V. Plaintiff's Insurance Carrier**

§ 8:670	Notification
§ 8:670.1	Form: Retention Letter to PIP Carrier
§ 8:680	Subrogation
§ 8:690	Settlement Tactics
§ 8:700	Uninsured (UM) and Underinsured Motorist (UIM) Coverage
§ 8:700.1	Overview
§ 8:700.2	Uninsured vs. Underinsured
§ 8:700.3	Contract Language Controls
§ 8:700.4	Timing for UM/UIM Claims
§ 8:700.5	Threshold Still Required
§ 8:700.6	Set-Offs for UIM Claims
§§ 8:700.7 – 8:700.9	[Reserved]
§ 8:700.10	Notification
§ 8:700.11	Form: UM/UIM Demand Letter [Short Form]
§ 8:700.20	Coverage
§ 8:700.30	Permission to Settle
§ 8:700.40	Amount of Damages
§ 8:700.50	Arbitration
§ 8:700.60	Choosing the Right Mediator
§ 8:710	The Plaintiff's Structured Settlement Specialist

### **VI. Checklist**

§ 8:720	Chapter Checklist
---------	-------------------

## **CHAPTER 9 Pretrial Procedures**

### **I. Introduction**

§ 9:10	Developing a Theme
§ 9:15	Using Computers, Pictures and Videos to Present Case Theme
§ 9:20	Role of Substantive Law
§ 9:30	Winning Over the Judge

### **II. Developing a Discovery Plan**

§ 9:40	Plaintiff Strategy
§ 9:41	Checklist for Plaintiff's Discovery Strategy
§ 9:41.1	Form: Motion to Compel Production of Statement

- § 9:50 Defense Strategy
- § 9:51 Checklist for Defendant's Strategy
- § 9:60 Case Study
- § 9:70 Discovery Under the Federal Rules: Automatic Disclosure
  - § 9:70.1 Checklist for Disclosure Under Amended Rules
  - § 9:70.2 Automatic Disclosures and Demonstrative Evidence
- § 9:71 Discovery Conferences/Pretrial Conferences

### **III. Types of Information to Discover**

#### **A. Experts**

- § 9:80 Formal Discovery
- § 9:90 Indirect Sources of Information
- § 9:91 Discovery and Opinion Work Product/Attorney-Client Privilege Documents Shown to Testifying Expert
  - § 9:91.1 Role of Counsel and Expert in Preparing Reports
- § 9:92 Expert Witnesses: Consulting Experts Versus Testifying Experts
  - § 9:92.1 Exceptional Circumstances in Discovery of Non Testimonial Experts
- § 9:93 Using Expert Witnesses Effectively in Neck, Back and Brain Injury Cases
- § 9:94 When to Use a Chiropractor as Expert

#### **B. Indemnity and Insurance**

- § 9:100 Indemnity Agreements
- § 9:110 Insurance Agreements
- § 9:120 Reservation of Rights

#### **C. Surveillance Evidence**

- § 9:130 Preparing the Client
- § 9:140 Discovery
  - § 9:140.1 Plaintiff's Discovery Requests Regarding Surveillance
- § 9:150 Deposing the Investigator
- § 9:160 Analyzing Surveillance Evidence
- § 9:170 Checklist
- § 9:180 Sample: Motion to Compel Production of Surveillance Evidence
- § 9:181 Form: Plaintiff's Brief re: Motion to Compel Surveillance Evidence
- § 9:182 Form: Plaintiff's Motion and Brief in Support of Motion to Compel Production of Surveillance Evidence or, in the Alternative, to Strike Surveillance Evidence from Being Used at Trial

#### **D. Electronic Media Discovery**

- § 9:190 Introduction

### **IV. Discovery Methods**

#### **A. Interrogatories**

- § 9:200 Introduction
- § 9:210 Contention Interrogatories
- § 9:220 Sample Interrogatories
  - § 9:220.1 Plaintiff to Defendant Interrogatories
  - § 9:220.2 Defendant to Plaintiff Interrogatories
  - § 9:220.3 Interrogatories Regarding Experts
  - § 9:220.4 Plaintiff's Contention Interrogatories to Defendant

## **■ TABLE OF CONTENTS**

§ 9:220.5	Defendant Contention Interrogatories to Plaintiff
§ 9:220.6	<i>Daubert/Kumho</i> Type Interrogatories
§ 9:220.7	Plaintiff's Interrogatories and Requests to Admit – Notice of Non-Party Fault
§ 9:220.8	Plaintiff's Interrogatories and Request to Produce Directed to Defendant Insurance Company
§ 9:220.9	Plaintiff's Interrogatories and Requests to Admit to Defendant re: Affirmative Defenses
§ 9:220.10	Plaintiff's Interrogatories and Requests for Production to Defendants — Trucking Case (Third Party)
§ 9:220.11	Plaintiff's Witness Interrogatories Directed to Defendant
§ 9:220.12	Plaintiff's Interrogatories and Request to Produce Documents to Defendant re: Assets
§ 9:220.13	Plaintiff's Expert Witness Interrogatories Directed to Defendant
§ 9:220.14	Interrogatories to Defendant Business Owner in Dram Shop Case

§§ 9:230 – 9:260 Reserved

### **B. Depositions**

#### **1. Introduction**

§ 9:270	Preparing to Take
§ 9:280	Preparing to Defend
§ 9:281	Preparing the Plaintiff for Deposition
§ 9:281.1	Letter to Plaintiff-Client re: Scheduled Deposition
§ 9:290	Sample Deposition Notice
§ 9:291	Sample Subpoena

#### **2. Types of Deponents**

§ 9:300	Treating Physician
§ 9:305	Plaintiff's Chiropractor
§ 9:310	DME Physician
§ 9:311	DME Chiropractors
§ 9:315	Insurance Adjusters
§ 9:320	Deposing Expert for Trial Purposes

#### **3. Checklists**

§ 9:330	Defendant's Deposition Outline (Plaintiff to Defendant)
§ 9:340	Defendant to Plaintiff
§ 9:350	Plaintiff to Treating Physician
§ 9:360	Plaintiff to Defense Medical Expert (DME)
§ 9:361	Other Experts – Generally
§ 9:370	Deposition Outline – Plaintiff to Police Officer on Scene
§ 9:370.1	Sample Traffic Crash Report

#### **4. Videotape Depositions**

§ 9:380	Introduction
§ 9:390	Videotape Quality
§ 9:400	Maximizing Admissibility
§ 9:401	Video Impeachment
§ 9:410	Sample: Stipulation to Take a Videotape Deposition
§ 9:411	Checklist on Depositions in Neck and Back Injury Cases

**C. Production Requests**

- § 9:420 Introduction
- § 9:430 Form: Plaintiff's Request for Production of Documents
- § 9:431 Sample Request for Production

**D. Requests for Admission**

- § 9:440 Introduction
- § 9:450 Plaintiff's Request for Admissions & Interrogatories
- § 9:451 Plaintiff's Request for Admissions & Interrogatories – Rear-End Collision
- § 9:452 Plaintiff's Request for Admissions & Interrogatories – Uninsured Driver
- § 9:453 Sample Request for Admission (Alternate)

**E. Requests for Physical or Mental Examinations**

- § 9:460 Introduction
- § 9:470 Requirement of Good Cause
- § 9:480 Restricting Scope of Examination
- § 9:490 Sample Memorandum
- § 9:491 Plaintiff's Brief in Response to Defendant's Motion to Compel Medical Testing and Defendant's Motion to Compel DME or, Alternatively, to Limit Plaintiff to One Medical Expert

**V. Pretrial Motions**

**A. Discovery**

- § 9:500 Discovery Disputes
- § 9:501 Sample Motion to Compel Discovery Responses

**B. Motions in Limine**

- § 9:510 Introduction
- § 9:520 Sample Motions in Limine
  - § 9:520.1 Brief in Support of Plaintiff's Motion in Limine to Exclude Photos
  - § 9:520.2 Motion in Limine to Bar Defense Introduction of Evidence Concerning Prior Injury
  - § 9:520.3 Brief in Support of Plaintiff's Motion in Limine to Exclude Testimony of Biomechanical Expert
  - § 9:520.4 Plaintiff's Motion in Limine to Exclude Evidence of Past Conduct as Irrelevant and Prejudicial
  - § 9:520.5 Plaintiff's Motion and Brief in Support of Motion in Limine to Exclude Third-Party Statements
  - § 9:520.6 Plaintiff's Motion in Limine to Exclude Evidence of Liens

**C. Other Pretrial Motions**

- § 9:530 Sample Motions
  - § 9:530.1 Motion to Quash Subpoena
  - § 9:530.2 Motions for Summary Disposition
    - § 9:530.2.1 Motion for Summary Disposition – Negligence, Causation, Serious Impairment of Bodily Function, Permanent Serious Disfigurement
    - § 9:530.2.2 Motion for Summary Disposition re: Late PIP Check

## **■ TABLE OF CONTENTS**

§ 9:530.3	Defense Medical Exam Motions
§ 9:530.3.1	Motion for Protective Order Limiting Exam
§ 9:530.3.2	Motion to Show Cause – Generally
§ 9:530.3.2(a)	Motion to Show Cause – Sample Motion
§ 9:530.3.2(b)	Plaintiff's Motion to Strike Expert Witness and Preclude Introduction and/or Reference to Any Testimony and Reports Generated
§ 9:530.3.3	Bad Faith Letter
§ 9:530.3.4	Motion to Exclude Evidence re: Vehicle Damage to Correlate Injury
§ 9:530.4	Motion to Strike Defendant's Notice of Non-Parties at Fault or, in the Alternative, to Amend Complaint
§ 9:530.5	Motion to Strike Surveillance and Impose Sanctions
§ 9:530.6	Motion to Compel Deposition
§ 9:530.7	Motion to Compel Adjuster Log Notes
§ 9:530.8	Motion to Compel/Protect Facebook Information
<b>D. Alternative Dispute Resolution - Mediation</b>	
§ 9:540	What Is Mediation?
§ 9:541	Advantages of Mediation
§ 9:542	Case Evaluation
§ 9:542.1	Writing a Case Evaluation Summary
§ 9:542.2	Preparing for the Case Evaluation Hearing
§ 9:542.3	The Case Evaluation Hearing
§ 9:542.4	Accepting or Rejecting the Case Evaluation Award
§ 9:542.5	After the Award
§ 9:543	Sample Case Evaluation Summary

## **VI. Checklists**

§ 9:550	Chapter Checklist
---------	-------------------

# **CHAPTER 10 Preparing for Trial and Appeal**

## **I. Voir Dire**

### **A. Introduction**

§ 10:10	Overview
§ 10:20	Number of Jurors
§ 10:30	Checklist
§ 10:31	Jury Chart
§ 10:32	Juror Challenge Form
§ 10:33	Motion to Increase Number of Peremptory Challenges

### **B. Tactical Considerations**

§ 10:40	Connective Tissue Injuries
§ 10:41	Low Impact Cases
§ 10:50	Juror Characteristics
§ 10:60	Objecting to Voir Dire

**C. Learning about Potential Jurors**

- § 10:70 Introduction
- § 10:80 Sample Juror Questionnaire
- § 10:90 Voir Dire Questions
- § 10:100 Asking Voir Dire Questions
- § 10:101 Litigation Psychology and Trial Consultants
- § 10:102 Sample Voir Dire Questions: Demonstrating Juror Bias
- § 10:103 Voir Dire Questions: Cases Against Insurance Companies
- § 10:104 Voir Dire Questions: Auto Cases Generally

**D. Methods of Jury Selection**

- § 10:110 Traditional Method
- § 10:120 Struck Method

**E. Challenging Jurors**

- § 10:130 Challenges for Cause
- § 10:140 Peremptory Challenges

**II. Opening Statement**

**A. Goals**

- § 10:150 Introduction
- § 10:160 Establish Credibility
- § 10:170 Introduce Case
- § 10:180 Establish Theme
- § 10:181 Persuading the Jury Using Words and Imagery
- § 10:190 Educate Jury

**B. Special Problems**

- § 10:200 Demonstrative Evidence
- § 10:210 Objections
- § 10:220 Avoiding Promises

**C. Sample Opening Statements**

- § 10:230 Plaintiff
- § 10:240 Defense
- § 10:241 Checking for Opening Statements
- § 10:242 Objections to Opening Statements
- § 10:243 Checklist for Opening Statement Objections

**III. Presenting Evidence**

**A. Introduction**

- § 10:250 Plaintiff's Case
- § 10:260 Winning Over the Jurors
  - § 10:260.1 Ways to Sensitize the Jury to a Plaintiff's Pain
- § 10:261 Checklist for Direct Examination of Plaintiff
- § 10:270 Using Computers at Trial
- § 10:271 SafeStat and USDOT Safety Ratings

**B. Pretrial Evidentiary Rulings**

- § 10:280 Pretrial Conference
- § 10:290 Motions in Limine
  - § 10:290.10 Delayed Rulings
  - § 10:290.20 Preserving Appellate Rights

## **■ TABLE OF CONTENTS**

§ 10:291	Foundations
§ 10:292	Exhibits
<b>C. Testimonial Evidence</b>	
<b>1. Plaintiff</b>	
§ 10:300	Introduction
§ 10:310	Plaintiffs Who Are Poor Witnesses
§ 10:320	Using Personal Injury Diary
§ 10:330	Using Demonstrative Evidence
§ 10:340	Using Third Party Testimony
<b>2. Defendant</b>	
§ 10:350	Introduction
§ 10:360	Tactical Considerations
§ 10:361	Cross Examination Techniques for Defendant
<b>3. Lay Witnesses</b>	
§ 10:370	Introduction
§ 10:380	Spouses and Children
§ 10:390	Cross-Examination
<b>4. Expert Witnesses</b>	
§ 10:400	Introduction
§ 10:410	Cross-Examination
§ 10:411	Checklist for Defense Cross Examination
§ 10:412	Using the Guides to the Evaluation of Permanent Impairment to Cross Examine Experts
§ 10:420	Physicians
§ 10:420.10	Direct Examination
§ 10:420.20	Cross-Examination
§ 10:420.21	Methods to Cross Examine the Biomechanical Engineer
§ 10:420.22	Biomechanical Engineers versus Medical Doctors
§ 10:420.23	Jury Perception of Expert Witnesses
§ 10:420.30	Direct Examination of Treating Physician
§ 10:420.40	Cross-Examination of Treating Physician
§ 10:420.50	Form: Cross-Examination of Defense Medical Examiner (DME)
§ 10:430	Psychiatrists
§ 10:440	Psychiatry
§ 10:450	Chiropractors
§ 10:460	Economists
§ 10:461	Accountants
§ 10:470	Human Factors Engineers
§ 10:471	Forensic Biomechanics and Unwitnessed Falling Accidents
§ 10:472	Forensic Application/Computer Simulation of Falls
§ 10:480	Clinical Neuropsychologists
§ 10:481	Refuting Common Defenses in Brain Injury Cases
§ 10:482	Proving Personality and Memory Changes Caused by Traumatic Brain Injury

**5. Videotaped Testimony**

- § 10:490 Introduction
- § 10:500 Objections
- § 10:510 Impeachment
- § 10:520 Taxing Costs
- § 10:530 Pretrial Challenges
- § 10:540 Trial Challenges
- § 10:550 Checklist

**D. Non-testimonial Evidence**

**1. Demonstrative Evidence**

- § 10:560 Introduction
- § 10:570 Finding and Using Demonstrative Evidence

**2. Demonstrations, Tests and Experiments**

- § 10:580 Introduction
- § 10:590 Videotapes

**3. Viewing Scene**

- § 10:600 Introduction
- § 10:610 Preparation

**4. Videotape Evidence**

- § 10:620 Introduction
- § 10:630 Admissibility
  - § 10:630.10 Foundation
  - § 10:630.20 Relevancy
  - § 10:630.30 Balancing Test
  - § 10:630.40 Hearsay
  - § 10:630.50 Best Evidence Rule
- § 10:640 Uses
  - § 10:640.10 Legal Theories
  - § 10:640.20 Scientific Principles
  - § 10:640.30 Re-Creations, Reconstructions and Reenactments
  - § 10:640.40 Day-in-the-Life Videotapes
  - § 10:640.50 Checklist

**5. Videographics**

- § 10:650 Introduction
- § 10:660 Two and Three Dimensional Representations
- § 10:670 Imaginary Versus Real Views
- § 10:680 Laser Disk Presentation
- § 10:681 Virtual Reality Videotapes
- § 10:690 Evidentiary Problems
  - § 10:690.10 Foundation
  - § 10:690.20 Scientific Evidence Standards

**IV. Showing Damages**

- § 10:700 Introduction
- § 10:710 Physical Injuries

## **■ TABLE OF CONTENTS**

§ 10:720	Psychological Injuries
§ 10:720.10	Post Traumatic Stress Disorder
§ 10:720.20	Acute Stress Disorder
§ 10:720.30	Anxiety Disorders
§ 10:730	Pain and Suffering
§ 10:730.10	Per Diem
§ 10:730.20	Summation
§ 10:730.30	Diagnostic Criteria for Pain Disorder
§ 10:740	Economic Losses
§ 10:740.10	Out-Of-Pocket
§ 10:740.20	Future
§ 10:741	Dealing with Medicare Liens

## **V. Closing Argument**

### **A. Effective Techniques**

§ 10:750	Introduction
§ 10:751	Checklist for Retaining Expert
§ 10:760	Use Plaintiff's Trial Attendance
§ 10:770	Refer to Jury Instructions
§ 10:780	Use Record
§ 10:790	Use Quotations and Anecdotes
§ 10:791	Sample Closing Argument Using Metaphors and Analogies
§ 10:800	Use Exhibits and Demonstrative Evidence
§ 10:810	Emphasize Strengths and Address Weaknesses
§ 10:820	Address Opponent's Weaknesses
§ 10:830	Emphasize Consistency with Opening Statement
§ 10:840	Emphasize Damages
§ 10:850	Emphasize Importance of Case

### **B. Sample Closing Arguments**

§ 10:860	Introduction
§ 10:870	Sample Defense Closing
§ 10:880	Sample Plaintiff Closing

## **VI. Jury Instructions**

§ 10:890	Introduction
§ 10:891	Objections to Closing Arguments
§ 10:892	Checklist for Closing Argument
§ 10:900	Sample Plaintiff's Jury Instructions
§ 10:910	Sample Defense Jury Instructions

## **VII. Preserving Record for Appeal**

§ 10:920	Introduction
§ 10:930	Objections
§ 10:940	Offers of Proof
§ 10:950	Motions in Limine
§ 10:960	Motions to Strike and Curative Instructions

## **VIII. Appellate Advocacy**

- § 10:970 Length of Brief
- § 10:980 Format of Brief
- § 10:990 Tactics of Brief
- § 10:1000 Style of Brief
- § 10:1010 Oral Advocacy

## **IX. Checklist**

- § 10:1020 Chapter Checklist

# **CHAPTER 11 Traumatic Brain Injury**

## **I. Introduction**

- § 11:10 Overview
- § 11:20 Statistics Regarding TBI

## **II. What Is a Traumatic Brain Injury?**

- § 11:30 Definition
- § 11:40 Concussion
- § 11:50 Loss of Consciousness
- § 11:60 Post Traumatic Stress Disorder (PTSD)
- § 11:70 Psychiatric Aspects of Frontal Lobe Injury
- § 11:80 The Relationship Between Traumatic Brain Injuries and Substance Abuse
- § 11:90 The Correlation Between Traumatic Brain Injuries and the Risk of Suicide

## **III. Mechanisms of TBI**

- § 11:100 Basic Principles
- § 11:110 Coup Contre-Coup
- § 11:120 Release of Chemicals Damages Cell Operation
- §§ 11:130–11:140 Reserved

## **IV. Diagnostic Testing**

- § 11:150 Governing Principles
- § 11:160 Types of Diagnostic Tests
- § 11:170 Types of Providers
- §§ 11:180–11:190 Reserved

## **V. Litigation Tools & Tips**

### **A. Did Plaintiff Suffer a TBI?**

- § 11:200 Initial Intake Questions
- § 11:210 Interview Questions for Third Parties
- § 11:220 Attorney's To-Do Check List—TBI Cases
- § 11:230 Form: Brain Injury Questionnaire
- § 11:240 Understanding Your Client and Your Client's Rehabilitation Needs Following a Traumatic Brain Injury
- § 11:250 Different Forms of Rehabilitative Treatment...The Road to Increased Functioning and Adaptive Behavior Following a Traumatic Brain Injury
- § 11:260 Reserved

## **■ TABLE OF CONTENTS**

### **B. Challenge Malingering Defense**

- § 11:270 What Is Malingering?
- § 11:280 Challenge Foundation of Expert's Testimony re: Intent
- § 11:290 Expert Testimony on Malingering Invades Province of Jury to Determine Witness Credibility
- § 11:300 Expert Testimony Is More Prejudicial Than Probative
- § 11:310 Challenge the Fake Bad Scale
- §§ 11:320 – 11:340 Reserved

### **C. Establishing Damages**

- § 11:350 Use of Demonstrative Evidence Throughout TBI Litigation
- § 11:360 Sample Cross-Examination of Defense Neuropsychologist

Illustration Gallery .....	A-1
Table of Abbreviations .....	B-1
Table of Forms and Figures .....	C-1
Table of Cases .....	D-1
Table of Statutes.....	E-1
Bibliography.....	F-1
Index.....	I-1

(This page intentionally left blank.)