

PUBLICATION LIST

TOM G. MAYER, M.D.

OFFICE ADDRESS:

5701 Maple Avenue, Suite 100
Dallas, TX 75235
(214) 351-6600
Fax: (214) 351-6958

EDUCATION: B.A., Harvard College, Cambridge, Massachusetts
M.D., Columbia College of Physicians and Surgeons, New York

INTERNSHIP: Harbor General Hospital, Torrance, California, Straight Surgery

MILITARY DUTY: U.S. Navy Reserve, Active Duty, Pearl Harbor, Hawaii
U.S. Navy Reserve, Ending Rank LCdr

RESIDENCY: University of California - San Francisco Orthopedic Program

MEDICAL LICENSURE (CURRENT):

National Boards	New Mexico
California	Colorado
Hawaii	Texas

BOOKS

Interventional Spine, Slipman C, Derby R, Mayer T, Simeone F (Eds). Elsevier Press, London, UK, 2007

Occupational Musculoskeletal Disorders: Function, Outcomes & Evidence, Mayer T, Gatchel R, Polatin P (Eds.). Lippincott, Williams & Wilkins, Philadelphia, PA, 2000

Contemporary Conservative Care for Painful Spinal Disorders, Mayer T, Mooney V, Gatchel R (Eds). Lea & Febiger, Philadelphia, PA, 1991

Functional Restoration for Spinal Disorders: The Sports Medicine Approach, Mayer T, Gatchel R (Eds). Lea & Febiger, Philadelphia, PA, 1988

SCIENTIFIC PEER-REVIEWED PUBLICATIONS

The Fear Avoidance Components Scale (FACS): Development and Psychometric Evaluation of a New Measure of Pain-Related Fear-Avoidance. Neblett R, Mayer T, Hartzell M, Williams M, Gatchel R. Pain Practice 2016 Apr;16(4):435-50

The Potential Utility of the Patient Health Questionnaire (PHQ) As a Screener for Psychiatric Comorbidity in a Chronic Disabling Occupational Musculoskeletal Disorder Population. Asih S, Mayer T, Bradford M, Neblett R, Williams M, Hartzell M, Gatchel R. Pain Practice 2016 Feb;16(2):168-74

Establishing Clinically Relevant Severity Levels for the Central Sensitization Inventory. Neblett R, Hartzell M, Mayer T, Cohen H, Gatchel R. *Eur J Pain* 2015 Oct 30; 20: 701-710.

Do Symptoms of Fibromyalgia in Chronic Spinal Disorder Patients Resolve with a Functional Restoration Treatment Program? Hartzell M, Neblett R, Perez Y, Brede E, Mayer T, Gatchel R. (Submitted for publication, The Spine Journal)

Treatment Responsiveness of Functional Capacity Evaluations and Their Predictive Utility for Functional Restoration Program Outcomes. Fore L, Perez Y, Neblett R, Asih S, Mayer T, Gatchel R. (In Press, PM&R)

Establishing Clinically Meaningful Severity Levels for the TAMPA Scale for Kinesiophobia (TSK-13). Neblett R, Hartzell M, Mayer T, Bradford M, Gatchel R. *European Journal of Pain* 2016; 20: 701-710.

Does Classification of Chronic Musculoskeletal Disorder Patients into Psychosocial Subgroups Predict Differential Treatment Responsiveness and One Year Outcomes after a Functional Restoration Program? Asih S, Mayer T, Williams M, Choi Y, Gatchel R. *Clin. J. Pain* 2015 Dec; 31(12):1036-45.

Does the Economy Affect Functional Restoration Outcomes for Patients With Chronic Disabling Occupational Musculoskeletal Disorders? Hartzell M, Mayer T, Neblett R, Gatchel R, Marquardt M. *J Occup Rehabil* 2015 July 25(2): 378-86.

Cost-Effectiveness of Early Vs. Delayed Functional Restoration for Chronic Disabling Occupational Musculoskeletal Disorders. Theodore B, Mayer T, Gatchel R. *J Occup Rehabil* 2015 June 25(2): 303-315.

Improved Functional Capacity Evaluation Performance Predicts Successful Return to Work One Year After Completing a Functional Restoration Rehabilitation Program. Fore L, Perez Y, Neblett R, Asih S, Mayer T, Gatchel R. (In press: PM&R 2015; 7: 365-375.)

Ability of the Central Sensitization Inventory to Identify Central Sensitivity Syndromes in an Outpatient Chronic Pain Sample. Choi Y, Neblett R, Cohen H, Mayer T, Williams M, Hartzell M, Gatchel R (*Clin J Pain* 2015; 31: 323-332)

Evaluation of Functional Restoration Outcomes for Chronic Disabling Occupational Cervical Disorders. Hartzell M, Mayer T, Asih S, Neblett R, Gatchel R. (*JOEM* 2014; 56: 959 - 964)

Insomnia in a Chronic Musculoskeletal Pain with Disability Population is Independent of Pain and Depression. Asih S, Neblett R, Mayer T, Brede E, Gatchel R. (*Spine* 2014; 14: 2000 - 2007)

Do Fibromyalgia Diagnoses Change After a Functional Restoration Program in Patients with Chronic Disabling Occupational Musculoskeletal Disorders? Hartzell M, Neblett R, Perez Y, Brede E, Mayer T, Gatchel R. (*Spine ISSLS Award Paper, Spine*; 39: 1393-1400)

Facilitating Surgical Decisions for Patients Who Are Uncertain: A Pilot Surgical Option Process Within an Interdisciplinary Functional Restoration Program. Brede E, Mayer T, Worzer W, Shea M, Garcia C, Gatchel R. (*The Spine Journal* 2014; 14, 1686-1693)

Does Patient-Reported Insomnia Improve in Response to Interdisciplinary Functional Restoration for Chronic Disabling Occupational Musculoskeletal Disorders? Asih S, Neblett R, Mayer T, Gatchel R. (*Spine* 2014; 39: 1384 – 1392)

What is the Best Screening Test for Depression in Chronic Spinal Pain Patients? Choi Y, Mayer T, Williams M, Gatchel R. (*The Spine Journal* 2014; 14: 1175 – 1182)

Facilitating Unequivocal and Durable Decision in Workers' Compensation Patients Eligible for Elective Orthopedic Surgery: A Surgical Option Process Within an Interdisciplinary Functional Restoration Program. Brede E, Mayer T, Shea M, Garcia C, Gatchel R. (*Journal of Pain* 2014; 15: 49-55)

The Effect of Prior Lumbar Surgeries on the Flexion Relaxation Phenomenon and Its Responsiveness to Rehabilitative Treatment. Neblett R, Mayer T, Brede E, Gatchel R. (*The Spine Journal*, 2014; 14: 892-902)

Lumbar Surgery in Work-Related Chronic Low Back Pain: Can a Continuum of Care Enhance Outcomes? Mayer T, Gatchel R, Bred E, Theodore B. (Preceding's of the NASS 28th Annual Meeting, New Orleans, LA OCT. 9-12 2013, *The Spine Journal* 13 (2013), 16-17S. NASS 2013 Outstanding Paper Award, *The Spine Journal* 2014; 14: 263-273.)

Evaluation of Functional Restoration Outcomes for Chronic Disabling Occupational Lower Extremity Disorders. Mayer T, Choi Y, Howard K, Gatchel R (*JOEM* 2013; 55:1489-1494)

Validation of a Consensus-Based Minimal Clinically Important Difference (MCID) Threshold Using an Objective Functional External Anchor. Gatchel R, Mayer T, Choi Y, Chou R. (The Spine Journal 2013; 13: 889-893.)

What is the Best Surface EMG Measure of Lumbar Flexion-Relaxation for Distinguishing Chronic Low Back Pain Patients From Pain-Free Controls? Neblett R, Brede E, Mayer T, Gatchel R. (Journal of Pain, 29 (4), 334-340)

What is the Responsiveness of Clinical Insomnia to Interdisciplinary Functional Restoration in Chronic Disabling Occupational Spinal Disorders, Mayer T, Asih S, Neblett R, Gatchel R (Preceding's of the NASS 28th Annual Meeting, New Orleans, LA OCT. 9-12 2013, The Spine Journal 13 (2013), 15S.

Somatization as a Predictor of Outcomes Following Functional Restoration of Chronic Disabling Occupational Musculoskeletal Pain Disorder Patients. Hartzell M, Choi Y, Neblett R, Williams M, Mayer T, Gatchel R JABR 2013;18:59-81.

The Central Sensitization Inventory (CSI): Establishing Clinically Significant Values for Identifying Central Sensitivity Syndromes in an Outpatient Chronic Pain Sample. Neblett R, Cohen H, Choi Y, Hartzell M, Williams M, Mayer T, Gatchel R. J Pain 2013;14:438-445.

The Clinical Utility of the Multidimensional Pain Inventory (MPI) in Characterizing Chronic Disabling Occupational Musculoskeletal Disorders. Choi Y, Mayer T, Williams M, Gatchel R. J Occup Rehabil 2013;23:239-247

Do Severe Pain Symptoms of Central Sensitization and Fibromyalgia Resolve with Functional Restoration Treatment in Chronic Spinal Disorders? Prevalence and Treatment Responsiveness. Hartzell M, Mayer T, Neblett R, Perez Y, Brede E, Gatchel R. The Spine Journal 2012;12:32S-33S

Assessment of the Prevalence and Severity of Insomnia in a Chronic Disabling Occupational Spinal Disorder Population: An Underemphasized Symptom. Asih S, Neblett R, Brede E, Gatchel R, Mayer T. The Spine Journal 2012;12:34S

What Does/Should The Minimum Clinically Important Difference Measure?: A Re-consideration of its Clinical Value in Evaluating Efficacy of Lumbar Fusion Surgery. Gatchel R, Mayer T, Chou R. Clin J Pain 2012;28:387-397.

Comparison of Chronic Occupational Upper Extremity vs. Lumbar Disorders for Differential Disability-Related Outcomes and Predictor Variables. Howard K, Mayer T, Gatchel R. J Occup Environ Med 2012;54:1002-1009

The Development and Psychometric Validation of the Central Sensitization Inventory (CSI). Mayer T, Howard K, Choi Y, Neblett R, Williams M, Perez Y, Cohen H, Gatchel R. Pain Practice 2012;12:276-285

Prediction of Failure to Retain Work One Year Following Interdisciplinary Functional Restoration in Occupational Injuries. Mayer T, Brede E, Gatchel R. Arch Phys Med Rehabil 2012;93:268-274.

The Lack of Association Between Changes in Functional Outcomes and Work Retention in a Chronic Disabling Occupational Spinal Disorder Population: Implications for the Minimum Clinical Important Difference. Wilson H, Mayer T, Gatchel R. SPINE 2011;36:470-480

The Pain Anxiety Symptoms Scale Fails to Discriminate Pain or Anxiety in a Chronic Disabling Occupational Musculoskeletal Disorder Population. Brede E, Mayer T, Neblett R, Williams M, Gatchel R. Pain Practice 2011;11:430-438

Correcting Abnormal Flexion-Relaxation in Chronic Lumbar Pain: Responsiveness to a New Biofeedback Training Protocol. Neblett R, Mayer T, Brede E, Gatchel R. Clin J Pain 2010;26:403-409.

The MMPI Disability Profile is Associated with Degree of Opioid use in Chronic Work-Related Musculoskeletal Disorders. Kidner C, Gatchel R, Mayer T. Clin J Pain 2010;26:9-15

Fibromyalgia Syndrome in Chronic Disabling Occupational Musculoskeletal Disorders: Prevalence, Risk Factors and Post Treatment Outcomes. Howard K, Mayer T, Neblett R, Perez Y, Cohen H, Gatchel R. J Occup Environ Med 2010;52:1186-1191

Minimal Clinically Important Difference. Gatchel R, Lurie J, Mayer T. SPINE 2010;1739-1743.

Testing Minimal Clinically Important Difference: Consensus or Conundrum? Clinical Study. Gatchel R, Mayer T. The Spine Journal 2010;321-327

Testing Minimal Clinically Important Difference: Additional Comments and Scientific Reality Testing. Gatchel R, Mayer T. The Spine Journal 2010;330-332

Implications of Decisions from a Surgical Option Process for Patients “on the Fence” Prior to a Functional Restoration Program. Worzer E, Mayer T, Shea M, Gatchel R. The Spine Journal 2010;13S

Point of View on: Treatment of Chronic Low Back Pain. A Randomized Clinical Trial Comparing Group-Based Multidisciplinary Biopsychosocial Rehabilitation and Intensive Individual Therapist-Assisted Back Muscle Strengthening Exercises. Mayer T. SPINE 2010;35:477

The Quantified Lumbar Flexion-Relaxation Phenomenon (QLFRP) Is A Useful Measurement Of Improvement In A Functional Restoration Program. Mayer T, Neblett R, Brede E, Gatchel R. SPINE 2009;34:2458-2465

Patients With Chronic Disabling Occupational Musculoskeletal Disorder Failing to Complete Functional Restoration: Analysis of Treatment-Resistant Personality Characteristics. Howard K, Mayer T, Theodore B, Gatchel R. Arch Phys Med Rehabil 2009;90:778-785.

Effects of Presenteeism in Chronic Occupational Musculoskeletal Disorders: Stay at Work (SAW) is Validated. Howard K, Mayer T, Gatchel. J Occup Environ Med 2009;51:724-731.

Higher Opioid Doses Predict Poorer Functional Outcome in Chronic Disabling Occupational Musculoskeletal Disorders. Kidner C, Mayer T, Gatchel R. J Bone Joint Surg 2009;91:919-927

Flexion-Relaxation and Clinical Features Associated with Chronic Low Back Pain: A Comparison of Different Methods of Quantifying Flexion-Relaxation. Alschuler K, Neblett R, Wiggert E, Haig A, Geisser M. Clin J Pain 2009;25:760-766

Prescription Opioid Dependence Is Associated With Poorer Outcomes In Disabling Spinal Disorders. Dersh J, Mayer T, Gatchel R, Polatin P, Theodore B, Mayer, E. SPINE 2008;33:2219-2227

Factors that Predict Failure to Retain Work in Chronic Occupational Spinal and Musculoskeletal Disorder Patients. Brede E., Mayer T, Gatchel R. The Spine Journal 2008;8:25S.

Is There Evidence That Patients Failing to Complete a Functional Restoration Program Have a Social Malcontent Syndrome? A Risk Factor Analysis in Chronic Disabling Spinal Disorders. Howard K, Mayer TG, Theodore B, Shea, M, Gatchel, RJ. The Spine Journal 2008;8:26S.

Chronic Widespread Pain in Patients with Occupational Spinal Disorders: Prevalence, Psychiatric Comorbidity, and Association with Outcomes. Mayer T, Towns B, Neblett R, Theodore B, Gatchel R. SPINE 2008;33:1889-1897

Evidence-Informed Management of Chronic Low Back Pain with Functional Restoration. Gatchel R, Mayer T. The Spine Journal 2008;65-69

Psychological Evaluation of the Spine Patient. Gatchel R, Mayer T. JAAOS 2008;107-112

Psychiatric Comorbidity in Chronic Disabling Occupational spinal Disorders Has Minimal Impact on Functional Restoration Socioeconomic Outcomes. Dersh J, Mayer T, Gatchel R, Towns B, Theodore B, Polatin P. SPINE 2007;32:1917-1925

Do Psychiatric Problems First Appear Preinjury or Postinjury in Chronic Disabling Occupational Spinal Disorders?: Dersh J, Mayer T, Theodore B, Polatin P, Gatchel R. SPINE 2007;32:1045-1051

MMPI “Disability Profile: The Least Known, Most Useful Screen for Psychopathology in Chronic Occupational Spinal Disorders. Gatchel R, Mayer T, Eddington A. SPINE 2006;31:2973-2978

Is Obesity Overrated as a “Risk Factor” for Poor Outcomes in Chronic Occupational Spinal Disorders?: Mayer T, Aceska A, Gatchel R. *SPINE* 2006;31:2967-2972

Reliability of a Visual Analog Version of the QuickDASH. Matheson, L, Melhorn, J, Mayer, T, Theodore, B, Gatchel, R. *J Bone Joint Surg* 2006;88A:1782-1987

The Pain Disability Questionnaire: Relationship to One-year Functional and Psychosocial Rehabilitation Outcomes. Gatchel R, Mayer T, Theodore R. *J Occup Rehabil* 2006;16:75-94

Assessment of Secondary Gain Issues in Chronic Pain Patients Is an Important Part of the Therapeutic Process. Dersh J, Gatchel R, Mayer T. *Pract Pain Mgmt* 2006;6 (4):27-40

Prevalence of Psychiatric Disorders in Patients With Chronic Disabling Occupational Spinal Disorders. Dersh J, Gatchel R, Mayer T, Polatin P, Temple O. *SPINE* 2006;31:1156-1162

High Pain Ratings Predict Treatment Failure in Chronic Occupational Musculoskeletal Disorders. McGeary D, Mayer T, Gatchel R. *J Bone Joint Surg* 2006;88-A:317-325,

Failure to Complete a Functional Restoration Program for Chronic Musculoskeletal Disorders: A Prospective 1-Year Outcome Study. Proctor T, Mayer T, Theodore B, Gatchel R. *Arch Phys Med Rehabil* 2005;86:1509-1515

Are Gender, Marital Status or Parenthood Risk Factors for Outcome of Treatment for Chronic Disabling Spinal Disorders? Gatchel R, Mayer T, Kidner C, McGeary D. *J Occup Rehabil* 2005;15:191-201

Elevated Prevalence of Psychiatric Disorders in Patients with Chronic Disabling Occupational Spinal Disorders Compared to Current Population Norms. Dersh J, Gatchel R, Mayer T, Polatin, Temple O. *The Spine Journal* 2005;5:5S-6S

The Clinical Utility of the Pain Disability Questionnaire in Predicting Functional Restoration Socioeconomic Outcomes in Chronic Spinal Patients: A 1-Year Prospective Outcome Study. Gatchel R, Mayer T, Theodore B. *The Spine Journal* 2005;5:6S-7S

Should Obese Patients Be Denied Rehabilitation Resources for Chronic Disabling Occupational Spinal Disorders? Aceska A, Mayer T, Gatchel R. *The Spine Journal* 2005;5:93S

Bringing Up Baby: A Change at the Helm and the Vision for a Future Governance for a Maturing Spine -- An Editorial. Mayer T. *The Spine Journal* 2005;5:1-5

The Pain Disability Questionnaire: A New Psychometrically Sound Measure for Chronic Musculoskeletal Disorders. Anagnostis C, Gatchel R, Mayer T. *SPINE* 2004;29:2290-2302

A Randomized Clinical Trial of Treatment for Lumbar Segmental Rigidity. Mayer T, Gatchel R, Keeley J, McGeary D, Dersh J, Anagnostis C. *SPINE* 2004;29:2199-2205

Relevance of Aerobic Capacity Measurements in the Treatment of Chronic Work-Related Spinal Disorders. Protas E, Mayer T, Dersh J, Keeley J, Gatchel R, McGeary D. *SPINE* 2004;29:2158-2166

Smoking Status and Psychosocioeconomic Outcomes of Functional Restoration in Patients with Chronic Spinal Disability. McGeary D, Mayer T, Gatchel R, Anagnostis C. *The Spine Journal* 2004;4:170-175

Unremitting Health-Care-Utilization Outcomes of Tertiary Rehabilitation of Chronic Musculoskeletal Disorders. Proctor T, Mayer T, Gatchel R, McGeary D. *J Bone Joint Surg* 2004;86:62-69

Quantifying the Lumbar Flexion-Relaxation Phenomenon: Theory, Normative Data and Clinical Applications. Neblett R, Mayer T, Gatchel R, Keeley J, Proctor T, Anagnostis C. *SPINE* 2003;28:1435-1446

Persistent Health Utilization Outcomes of Tertiary Rehabilitation of Chronic Spinal Disorders. Mayer T, Gatchel R, Proctor T, McGeary D. *The Spine Journal* 2003;3/5S:164S

Smoking Status and Psychosocioeconomic Outcomes of Tertiary Rehabilitation in Patients with Chronic Spinal Disability: A Split Decision!, Gatchel R, Anagnostis C, McGeary D. The Spine Journal 2003;3/5S:104S

A Randomized Controlled Trial of Treatment for Lumbar Segmental Rigidity and its Association with Facet Syndrome. Mayer T, Keeley J, Dersh J, Proctor T, Wilhite J. The Spine Journal 2003;3/5S:104S

The Plight of the Single Working Mother: An Analysis of the Response of Single Females with Children to Chronic Pain Rehabilitation. McGeary D, Gatchel R, Kidner C. The Spine Journal 2003;3/5S:76S

Theory and Rationale for Surface EMG-Assisted Stretching as an Adjunct to Chronic Musculoskeletal Pain Rehabilitation. Neblett R, Mayer T, Gatchel R. Applied Psychophysiol and Biofeed 2003;28:139-146

The Million Visual Analog Scale: Its' Utility for Predicting Tertiary Rehabilitation Outcomes. Anagnostis C, Mayer T, Gatchel R, Proctor T. SPINE 2003;28:1051-1060

Spine Rehabilitation: Secondary and Tertiary Nonoperative Care. Mayer T, Polatin P, Smith B, Gatchel R, Fardon D, Herring S, Smith C, Donelson R, Wong D. North American Spine Society Committee: Contemporary Concepts Review Committee. The Spine Journal 2003;3:28S-36S

Gender-Related Differences in Treatment Outcomes for Patients with Musculoskeletal Disorders. McGeary D, Anagnostis C, Proctor T, Mayer T, Gatchel R. The Spine Journal 2003;3:197-203

A Clinical Guide to Surface-EMG-Assisted Stretching as an Adjunct to Chronic Musculoskeletal Pain Rehabilitation. Neblett R, Gatchel R, Mayer T. Applied Psychophysiology and Biofeedback 2003;28:147-160

Impact of Functional Restoration After Anterior Cervical Fusion on Chronic Disability in Work-Related Neck Pain. Mayer T, Anagnostis C, Gatchel R, Evans T. The Spine Journal 2002;2:267-273

Prevalence of Psychiatric Disorders in Patients with Chronic Work-Related Musculoskeletal Pain Disability. Dersh J, Gatchel R, Polatin P, Mayer T, J Occup Environ Med 2002;44:459-468

Editorial. Mayer T, The Spine Journal 2002;1S:1-2

Chronic Spinal Disorders and Psychopathology: Research Findings and Theoretical Considerations. Dersh J, Gatchel R, Polatin P, The Spine Journal 2001;1:88-94

Effect of Age on Outcomes of Tertiary Rehabilitation for Chronic Disabling Spinal Disorders. Mayer T, Gatchel R, Evans T. SPINE 2001;26:1378-1384

Response to Editorial, Mayer T. SPINE 2001;26:1311-1312

Recurrent Disabling Work-Related Spinal Disorders After Prior Injury Claims in a Chronic Low Back Pain Population, Evans T, Mayer T, Gatchel R; The Spine Journal 2001;1:183-189

Editorial, The North American Spine Society Focuses on Multidisciplinary Spine Care. The Spine Journal 2001;1:1

Functional Restoration of the Patient with Chronic Spine Pain, Tucker C, Mayer T; Continuum 2000;7:153-178

1999 North American Spine Society Presidential Address: The Millennium Threshold: Is It the Economy, Stupid! Mayer T, SPINE 2000;25:2557-2565

Lumbar Segmental Rigidity: Can Its Identification With Facet Injections and Stretching Exercises Be Useful? Mayer T, Robinson R, Pegues P, Kohles S, Gatchel R, Arch Phys Med Rehabil 2000;81:1143-1150

Rehabilitation: What Do We Do With the Chronic Patient? Mayer T. Neurol Clin 1999;17:131-147

The Association of the SF-36 Health Status Survey With One-Year Socioeconomic Outcomes in a Chronically Disabled Spinal Disorder Population, Gatchel R, Mayer T, Dersh J, Robinson R, Polatin P, SPINE 1999;24:2162-2170

Outcomes Comparison of Treatment for Chronic Disabling Work-Related Upper Extremity Disorders and Spinal Disorders, Mayer T, Gatchel R, Polatin P, Evans T, J Occup & Environ Med 1999;41:761-770

Outcomes of Disabling Cervical Spine Disorders in Compensation Injuries: A Prospective Comparison to Tertiary Rehabilitation Response for Chronic Lumbar Spinal Disorders, Wright A, Mayer T, Gatchel R, SPINE 1999;24:178-183

Cognitive Predictors of Depression in Chronic Low Back Pain: Toward an Inclusive Model, Maxwell T, Gatchel R, Mayer T, J Behav Med 1998;21:131-143

Point of View on: Bendix A, Bendix T, Hastrup C: Can It Be Predicted Which Patients With Chronic Low Back Pain Should Be Offered Tertiary Rehabilitation in a Functional Restoration Program?: A Search for Demographic, Socioeconomic, and Physical Predictors. SPINE 1998;23:1775-1784

Should Extended Disability Be An Exclusion Criterion For Tertiary Rehabilitation?: Socioeconomic Outcomes of Early vs. Late Functional Restoration in Compensation Spinal Disorders, Jordan K, Mayer T, Gatchel R. SPINE 1998;23:2110-2117

Use of the SF-36 Health Status Survey with a Chronically Disabled Back Pain Population: Strengths and Limitations, Gatchel R, Polatin P, Mayer T, Robinson R, Dersh J. J Occup Rehabil 1998;8:237-245

Socioeconomic Outcomes of Combined Spine Surgery and Functional Restoration in Workers' Compensation Spinal Disorders With Matched Controls, Mayer T, McMahon M, Gatchel R, Sparks B, Wright A, Pegues P. SPINE 1998;23:598-606

Early Childhood Abuse in Chronic Spinal Disorder Patients: A Major Barrier to Treatment Success, McMahon M, Gatchel R, Polatin P, Mayer T. SPINE 1997;22:2408-2415

Point of View on: Porter J, et.al.: Lumbar-Hip Flexion Motion: A Comparative Study Between Asymptomatic and Chronic Low Back Pain in 18- to 36-year-old Men. Mayer T. SPINE 1997;22:1513-1514

Spinal Range of Motion: Accuracy and Sources of Error with Inclinometric Measurement, Mayer T, Kondraske G, Beals S, Gatchel R. SPINE 1997;22:1976-1984

A Prospective Study of Waddell Signs in Patients With Chronic Low Back Pain: When They May Not Be Predictive, Polatin P, Cox B, Gatchel R, Mayer T. SPINE 1997;22:1618-1621

Changes in Psychopathology Following Functional Restoration of Chronic Low Back Pain Patients: A Prospective Study, Owens-Salters E, Gatchel R, Polatin P, Mayer T. J Occup Rehabil 1996;4:215-223

Occupational Disorders and the Management of Chronic Pain, Polatin P, Mayer T. Orthop Clin No Am 1996; 27:881-890

Recurrent or New Injury Outcomes After Return to Work in Chronic Disabling Spinal Disorders: Tertiary Prevention Efficacy of Functional Restoration Treatment, Garcy P, Mayer T, Gatchel R, SPINE 1996;21:952-959

The Dominant Role of Psychosocial Risk Factors in the Development of Chronic Low Back Pain Disability, Gatchel R, Polatin P, Mayer T. SPINE 1995;20:2702-2709

Contemporary Concepts in Spine Care: Spine Rehabilitation: Secondary and Tertiary Nonoperative Care, Mayer T, Polatin P, Smith B, Smith C, Gatchel R, Herring S, Hall H, Donelson R, Dickey J, English W. SPINE 1995;20:2060-2066

Lumbar Trunk Muscle Endurance Measurement: Isometric Contrasted to Isokinetic Testing in Normal Subjects, Mayer T, Gatchel R, Betancur J, Bovasso E. SPINE 1995;20:920-927

Texas Spine Treatment Guideline (Co-Chairmen: D. Selby, T. Mayer), Texas Workers' Compensation Commission Publications, Austin, TX, 1995

Psychopathology and the Rehabilitation of Patients with Chronic Low Back Pain Disability, Gatchel R, Polatin P, Mayer T,

Garcy P. Arch Phys Med Rehabil 1994;75:666-670

A Male Incumbent Worker Industrial Database, Part III: Lumbar/Cervical Functional Testing, Mayer T, Gatchel R, Keeley J, Mayer H, Richling D. SPINE 1994;19:765-770

A Male Incumbent Worker Industrial Database, Part II: Cervical Spinal Physical Capacity, Mayer T, Gatchel R, Keeley J, Mayer H, Richling D. SPINE 1994;19:762-764

A Male Incumbent Worker Industrial Database, Part I: Lumbar Spinal Physical Capacity, Mayer T, Gatchel R, Keeley J, Mayer H, Richling D. SPINE 1994;19:755-761

Physical Progress and Residual Impairment After Functional Restoration, Part III: Isokinetic and Isoinertial Lifting Capacity, Curtis L, Mayer T, Gatchel R. SPINE 1994;18:401-405

Physical Progress and Residual Impairment Quantification After Functional Restoration, Part II: Isokinetic Trunk Strength, Brady S, Mayer T, Gatchel R. SPINE 1994;18:395-400

Physical Progress and Residual Impairment Quantification After Functional Restoration, Part I: Lumbar Mobility, Mayer T, Pope P, Tabor J, Bovasso, E, Gatchel R. SPINE 1994;18:389-394

Reply to A Letter to the Editor, Gatchel R, Mayer T, Hazard R, Rainville J, Mooney V. SPINE 1993;18:2365-2366

Prevalence of Psychopathology in Acute and Chronic Low Back Pain Patients, Kinney R, Gatchel R, Polatin P, Fogarty WT, Mayer T, J Occup Rehabil 1993;3:95-103

Noninvasive Measurement of Cervical Tri-Planar Motion in Normal Subjects, Mayer T, Brady S, Bovasso E, Pope P, Gatchel R. SPINE 1993;18:2191-2195

Lumbar Muscle Usage in Chronic Low Back Pain: MRI Evaluation, Flicker P, Fleckenstein J, Ferry K, Payne J, Ward C, Mayer T, Parkey R, Peshock R, SPINE 1993;18:582-586

Optimal Spinal Strength Normalization Factors Among Male Railroad Workers, Mayer T, Gatchel R, Keeley J, Mayer H, SPINE 1993;18:239-244

Psychiatric Illness and Chronic Low Back Pain: The Mind and The Spine--Which Goes First?, Polatin P, Kinney R, Gatchel R, Lillo E, Mayer T, SPINE 1993;18:66-71

Editorial: Functional Restoration: Pitfalls in Evaluating Efficacy, Gatchel R, Mayer T, Hazard R, Rainville J, Mooney, V, SPINE 1992;17:988-995

Impairment-Disability Evaluation, Mayer T, Dowdle J, American Academy of Orthopedic Surgeons Bulletin 1992;40(2):12-13

Reliability Problems Associated with the Modified Schöber Technique for True Lumbar Flexion Measurement, Miller S, Mayer T, Cox R, Gatchel R. SPINE 1992;17:345-348

The Functional Restoration Approach for Chronic Spinal Disability, Kinney R, Gatchel R, Polatin P, Mayer T; J Occup Rehabil 1991;1:233-241

Functional Restoration for Chronic Low Back Pain: Changes in Depression, Cognitive Distortion, and Disability, Moreno R, Cunningham A, Gatchel R, Mayer T, J Occup Rehabil 1991;1:207-216

Common Diagnostic and Therapeutic Procedures of the Lumbosacral Spine, Mayer T, and Members of Diagnostics and Therapeutics Committee, North American Spine Society, SPINE 1991;16:1161-1167

The SCL-90R: Evaluated as an Alternative to the MMPI for Psychological Screening of Chronic Low Back Pain Patients;

Kinney R, Gatchel R, Mayer T. SPINE 1991;16:940-942

Differentiation Between Somatic and Cognitive/Affective Components in Commonly Used Measures of Depression in Chronic Low Back Pain: Let's Not Mix Apples and Oranges. Wesley L, Gatchel R, Polatin P, Kinney R, Mayer T, SPINE 1991;16:(6S)213-215

Letter to the Editor. Mayer T, Gatchel R, Mooney V. SPINE 1990;15:985-986

Changes in MMPI Profile Levels of Chronic Low Back Pain Patients Following Successful Treatment, Barnes D, Gatchel R, Mayer T, Barnett J, J Spinal Dis 1990;3:353-355

Progressive Isoinertial Lifting Evaluation: Erratum Notice, Mayer T, Gatchel R, Barnes D, Mayer H, Mooney V. SPINE 1990;15:5

Improved Physical Performance Outcomes Following Functional Restoration Treatment in Patient with Chronic Low Back Pain: Early Versus Recent Training Results; Kohles S, Barnes D, Gatchel R, Mayer T, SPINE 15:1321-1324, 1990

Lumbar Myoelectric Spectral Analysis for Endurance Assessment: A Comparison of Normals to Deconditioned Patients; Mayer T, Kondraske G, Mooney V, Carmichael T, Butsch R, SPINE 1989;14:986-991

A Psychosociomedical Prediction Model of Response to Treatment by Chronically Disabled Workers with Low Back Pain; Polatin P, Gatchel R, Barnes D, Mayer H, Arens C, Mayer T, SPINE 1989;14:956-961

Quantifying Postoperative Deficits of Physical Function Following Spinal Surgery, Mayer T, Mooney V, Gatchel R, Barnes D, Terry A, Smith S, Mayer H. Clin Orthop Rel Res 1989;244:147-157

Functional Restoration for Chronic Low Back Pain, Part II: Multimodal Disability Management; Gatchel R, Mayer T, Pain Manage 1989;2:136-140

Functional Restoration for Chronic Low Back Pain, Part I: Quantifying Physical Function; Mayer T, Gatchel R, Pain Manage 1989;2:67-75

The SCL-90R: An Alternative to the MMPI for Psychological Screening of Chronic Low Back Pain Patients?; Kinney R, Gatchel R, Mayer T, In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

A Psychosociomedical Prediction Model of Response to Treatment by Chronically Disabled Workers with Low Back Pain; Polatin P, Gatchel R, Barnes D, Mayer H, Arens C, Mayer T, In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

Cognitive Distortion: An Important Mediator in the Relationship Between Chronic Low Back Pain and Depression; Maxwell T, Gatchel R, Mayer T, In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

Development and Validation of a Comprehensive Assessment Instrument for Functional Restoration Treatment: Success and Failure in Industrially Injured Chronic Low Back Pain Patients; Barnes D, Mayer T, Gatchel R, In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

Comparison of Two Range of Motion Techniques: Modified Schöber Versus a Computerized Inclinometer, Johnston S, Cox R, Mayer T, Maxwell T, Gatchel R; In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

Lumbar Myoelectric Spectral Analysis for Endurance Assessment: A Comparison of Normals to Deconditioned Patients; Mayer T, Kondraske G, Mooney V, Carmichael T, Butsch R, In Transactions of International Society for the Study of the Lumbar Spine, Kyoto, Japan, May 15-19, 1989

Comparison of CT Scan Muscle Measurements and Isokinetic Trunk Strength in Postoperative Patients, Mayer T, Vanharanta H, Gatchel R, Mooney V, Barnes D, Judge L, Smith S, SPINE 1989;14:33-37

Psychosocioeconomic Predictors of Treatment Success/Failure in Chronic Low Back Pain Patients, Barnes D, Smith D, Gatchel R, Mayer T, SPINE 1989;14:427-430

Reply to the Editor: Restoration of Function in Industrial Low Back Injury, Mayer T, Gatchel R; JAMA 1988;13:1181-1182

Temporal Characterization of Myoelectric Spectral Moment Changes: Analysis of Common Parameters, Standridge R, Kondraske G, Mooney V, Carmichael T, Mayer T, IEEE Trans on Biomed Eng 1988;35:789-797

A Prospective Two-Year Study of Functional Restoration in Industrial Low Back Injury: An Objective Assessment Procedure, Mayer, T, Gatchel R, Mayer H, Kishino N, Keeley J, and Mooney V; JAMA (Japan) 1988;9:72-80

Progressive Isoinertial Lifting Evaluation, Part II: A Comparison with Isokinetic Lifting in a Disabled Chronic Low Back Pain Industrial Population, Mayer T, Barnes D, Nichols G, Kishino N, Coval K, Piel B, Hoshino D, Gatchel R, SPINE 1988;13:998-1002

Progressive Isoinertial Lifting Evaluation, Part I: A Standardized Protocol and Normative Database, Mayer T, Barnes D, Kishino N, Nichols G, Gatchel R, Mayer H, Mooney V, SPINE 1988;13:993-997

Improved Functional Restoration of Industrially Injured CLBP Patients: Kohles S, Barnes D, Gatchel R, Mayer T, Published in Transactions of International Society for the Study of the Lumbar Spine Meeting, Miami, FL, April 13-17, 1988

Effects of Functional Restoration Treatment Upon Waddell Impairment/Disability Ratings in Chronic Low Back Pain Patients: Cox R, Keeley J, Barnes D, Gatchel R, Mayer T, Published in Transactions of International Society for the Study of the Lumbar Spine Meeting, Miami, FL, April 13-17, 1988

Job Specific Quantification of Spinal Function: The Development of a Normative Database for Baggage-Handling Workers: Coval K, Cox R, Barnes D, Mayer T, Gatchel R, Published in Transactions of International Society for the Study of the Lumbar Spine Meeting, Miami, FL, April 13-17, 1988

The Painful Low Back: Keep It Moving!: Deyo R, Mayer T, Pedinoff S, Pinals R, Schwartz A, Spengler D. Patient Care 1987;21(171):47-59

A Prospective Two-Year Study of Functional Restoration in Industrial Low Back Injury: An Objective Assessment Procedure, Mayer, T, Gatchel R, Mayer H, Kishino N, Keeley J, and Mooney V; JAMA 1987;258:1763-1767

Two-Year Follow-Up Study of Chronically Disabled Industrial Workers, Mayer T, in Proceedings of North American Spine Society Meeting, Banff, CN, June, 1987

Psychosocioeconomic Factors in Chronic Low Back Pain Patients in a Functional Restoration Treatment Program, Barnes D, Smith D, Gatchel R, Mayer T, in Proceedings of International Society for the Study of the Lumbar Spine, Rome, Italy, May 24-28, 1987

Quantitative Postoperative Deficits of Physical Capacity Following Spine Surgery, Mayer T, Terry A, Smith S, Gatchel R, Mooney V; In Orthopaedic Transactions for Proceedings of annual meeting of American Academy of Orthopedic Surgeons, San Francisco, CA, January 24-28, 1987

A Functional Restoration Program for Industrial Back Pain Patients: A Two Year Prospective Clinical Trial, Mayer T, Gatchel R, Mooney V; In Orthopaedic Transactions for Proceedings of annual meeting of American Academy of Orthopaedic Surgeons, San Francisco, CA, January 24-28, 1987

Myoelectric Spectral Analysis for Human Lumbar Muscle Fatigue Assessment, Kondraske G, Carmichael T, Mayer T, Deivanayagam S, Mooney V: Arch Phys Med Rehabil 1987;68:103-110

Myoelectric Assessment of Human Lumbar Muscle Function, Mooney V, Kondraske G, Mayer T, Carmichael T, Deivanayagam S, Tencer A: VA Rehabil R&D Prog Rep 1986;1:270-271

The Role of Quantitative Assessment in the Care of Chronic Back Pain, Mayer T, Mooney V; In Proceedings of American

Orthopaedic Association, Hot Springs, VA, June 26, 1986

A Prospective Short-Term Study of Chronic Low Back Pain Patients Utilizing Novel Objective Functional Measurement, Mayer T, Gatchel R, Kishino N, Keeley J, Mayer H, Capra P, Mooney V: Pain 1986;25:53-68

Quantification of Lumbar Function Part 6: The Use of Psychological Measures in Guiding Physical Functional Restoration, Gatchel R, Mayer T, Capra P, Diamond P, Barnett J: SPINE 1986;11:36-42

Quantification of Lumbar Function Part 5: Reliability of Range of Motion Measures in the Sagittal Plane in Vivo Torso Rotation Measurement Technique, Keeley J, Mayer T, Cox R, Gatchel R, Smith J, Mooney V: SPINE 1986;11:31-35

Million Behavioral Health Inventory: Its Utility in Predicting Physical Function in Patients with Low Back Pain Patients, Gatchel R, Mayer T, Capra P, Barnett J, Diamond P; Arch Phys Med & Rehabil 1986;67:878-882

The Systemic and Myocardial Oxygen Demand Associated With Isokinetic Trunk Strength Testing Protocol, Stray-Gunderson, Snell P, Smith S, Vaughan R, Mayer S, Mayer T: Med Sci Sports Exer 1985;17:207

Quantification of Lumbar Function Part 4: Isometric and Isokinetic Lifting Simulation in Normal Subjects and Low Back Dysfunction Patients, Kishino N, Mayer T, Gatchel R, Parrish M, Anderson C, Gustin L, Mooney V: SPINE 1985;10:921-927

Quantification of Lumbar Function Part 3: Preliminary Data On Isokinetic Torso Rotation Testing with Myoelectric Spectral Analysis in Normal and Low Back Pain Subjects, Mayer T, Smith S, Kondraske G, Gatchel R, Carmichael T, Mooney V: SPINE 1985;10:912-920

Quantification of Lumbar Function Part 2: Sagittal Plane Trunk Strength in Chronic Low Back Pain Patients, Mayer T, Smith S, Keeley J, Mooney V: SPINE 1985;10:765-772

Quantification of Lumbar Function Part 1: Isometric and Multispeed Isokinetic Trunk Strength Measures in Sagittal and Axial Planes in Normal Subjects, Smith S, Mayer T, Gatchel R, Becker T: SPINE 1985;10:757-764

Novel Functional Capacity Measurements Utilized in Chronic Low Back Rehabilitation: A One-Year Follow-Up, Mayer T, Gatchel R, Capra P, Kishino N, Keeley J, Mooney V: In Proceedings of International Society for The Study of the Lumbar Spine, Sydney, Australia, April, 1985

A Comparison of Changes in Trunk Strength With Pain Self-Report Scores in a Chronic Back Pain Population Undergoing Comprehensive Rehabilitation, Mayer T, Capra P, Mooney V: In Proceedings of International Society for The Study of the Lumbar Spine, Sydney, Australia, April, 1985

Objective Assessment of Spine Function Following Industrial Accident: A Prospective Study with Comparison Group and One-Year Follow-Up: Volvo Award in Clinical Sciences, 1985, Mayer T, Gatchel R, Kishino N, Keeley J, Capra P, Mayer H, Barnett J, Mooney V: SPINE 1985;10:482-493

Adding Psychological Scales to Your Low Back Pain Assessment, Capra P, Mayer T, Gatchel R: J Musc Med 7:41-52, 1985

120. Using Physical Measurements to Assess Low Back Pain, Mayer T, Kishino N, Keeley J, Mayer S H, Mooney V: J Musc Med 1985;6:44-59

Isokinetic Trunk Flexion-Extension Testing: A Comparison of Chronic Pain Patients and Normal Subjects, Smith S, Mayer T: Phys Ther 1985;65:705

Myoelectric Assessment of Human Lumbar Muscle Function, Mooney V, Kondraske G, Mayer T, Carmichael T, Deivanayagam S, Tencer A: VA Rehabil R&D Prog Rep 1984

Use of Noninvasive Techniques for Quantification of Spinal Range-of-Motion in Normal Subjects and Chronic Low-Back Dysfunction Patients, Mayer T, Tencer A, Kristoferson S, Mooney V. SPINE 1984;9:588-595

Prospective Comparative Study of Chymopapain Versus Collagenase for Treatment of Ruptured Lumbar Disk, Mooney V,

Selby D, Peters P, Mayer T, Blumenthal S: Proceedings of International Society for the Study of the Lumbar Spine, Montreal, CN, 1984

Myoelectric Technique for Quantifying Lumbar Muscle Function, Mayer T, Mooney V, Carmichael T. Proceedings of International Society for the Study of the Lumbar Spine, Montreal, CN, June, 1984

Measurement of Isometric and Multispeed Isokinetic Strength of Lumbar Spine Musculature Using a Prototype Cybex Testing Device in Normal Subjects and Patients with Chronic Low Back Pain, Mayer T, Smith S, Tencer A, Mooney V: Proceedings of International Society for the Study of the Lumbar Spine, Montreal, CN, June 1984

Back Strength and Endurance Testing With Mechanical and Myoelectric Analysis. Proceedings, 29th Annual Orthopedic Research Society Meeting, Anaheim, CA, 1983

Assessment of Quadriceps and Gastrocnemius Muscle Endurance by Power Spectrum Density Techniques, Mooney V, Potvin A, Mayer T, Deivanayagam S, Tencer A, Gafney A, Carmichael T: J Rehabilitation Res and Develop Progress Reports 1983;1:97

Objective Assessment of Human Spine Function, Mooney V, Potvin A, Mayer T, Carmichael T, Moritani T, Gafney A, Tencer A: J Rehabilitation Res and Develop Progress Reports, 1983

Soft Tissue Strain and Facet Face Interaction in the Lumbar Intervertebral Joint, Part II: Calculated Results Comparison With Experimental Data, Tencer A, Mayer T: J Biomech Eng 1983;104:210-217

Soft Tissue Strain and Facet Face Interaction in the Lumbar Intervertebral Joint. Part I: Input Data and Computational Technique, Tencer A, Mayer T: J Biomech Eng 1983;104:210-217

Spinal Pain Rehabilitation, Mayer T: Orthop Clin No Amer 1983;14:623-637

Trunk Mechanical Strength and Endurance Testing with Myoelectric Analysis, Carmichael T, Mooney V, Mayer T: Ann of Orthop Res Soc 1983

Myoelectric Analysis of Normal Spine Function, Carmichael T, Mooney V, Potvin A, Deivanayagam S, Mayer T: Presented at First Southern Biomedical Engineering Conference, 6/82, Shreveport, LA, Published in Conference Proceedings, Biomedical

Engineering I, Recent Developments, p. 36, 1982

Myoelectric Analysis of Quadriceps Muscle Activity Augmented by Electrical Muscle Stimulation, Carmichael T, Mooney V, Jones R, Roth D, Mayer T: (Abstract) Journal of Biomaterials, Medical Devices, and Artificial Organs 9:4 1982a, page 251

Myelodysplasia in the Rat - Status of Involved Musculature, Mayer T, Gordon L & Rayner M; Presented at Rotterdam Meeting of Society for Research in Hydrocephalus and Spina Bifida. Published in Developmental Medicine and Child Neurology July 12, 1972;14:94, supp. 27

Etiology of Muscle Defects in Meningomyelocele, Mayer T & Gordon L; Presented at Teratology Society Meeting, Brown's Lake, Wisconsin. Published in proceedings of meeting, April 12, 1974

Electron Microscopy of Blastocladia Emersonii, Harvard, College thesis, 1964

BOOK CHAPTERS

Functional Restoration for the Patient with Chronic Low Back Pain, Hazard R, Mayer T, Vanharanta H; in *The Lumbar Spine, 2nd Edition*, (Ed. S. Wiesel), W.B. Saunders Co., Philadelphia, PA (In Press)

The Interdisciplinary Treatment of the Patient with Chronic Pain. Mayer E, Mayer T; Chapter 15 in *AAOS Orthopedic Knowledge Update (OKU-4), Spine 4th ed* (Ed. Rao R; CoEd. Smuck M), AAOS Press, Chicago, IL, 2012, pp. 169-180

Functional Restoration. Mayer E, Cohen H, Mayer T. Chapter 107 in Rothman-Simone *The Spine*, 6th ed. (Eds. Herkowitz H, Garfin S, Eismont F, Bell G, Balderston R), W.B. Saunders, Philadelphia, PA, 2011, pp. 1912-1935

Lumbar Musculature: Anatomy and Function. Mayer T, Mayer E, Reese D. Chapter 5 in Rothman-Simeone *The Spine*, 6th ed. (Herkowitz H, Garfin S, Eismont F, Bell G, Balderston R), W.B. Saunders, Philadelphia, PA, 2011, pp. 80-96

Functional Capacity Evaluation for Patients with Chronic Pain, Fore L, Keeley J, Mayer T.; Chapter 15 in *Guide to the Evaluation of Functional Ability*, (eds. Genovese E, Galper G), AMA Press, Chicago, IL, 2009, pp. 291-312

Use of Computerized Extremity and Trunk Tests in Functional Capacity Evaluation, Galper J, Reese D, Shea R, Mayer T; Chapter 7 in *Guide to the Evaluation of Functional Ability*, (eds. Genovese E, Galper G), AMA Press, Chicago, IL, 2009. pp. 117-129

Tertiary Rehabilitation Program Outcomes, Mayer T; Chapter 113 in *Interventional Spine*, (Eds. C. Slipman, R. Derby, F. Simeone, T Mayer), Elsevier Global Publications, London, UK, 2007, pp. 1231-1238

Functional Restoration Program Characteristics in Chronic Pain Tertiary Rehabilitation; Mayer T; Chapter 112 in *Interventional Spine*, (Eds. C. Slipman, R. Derby, F. Simeone, T Mayer), Elsevier Global Publications, London, UK, 2007, pp. 1223-1230

Deconditioning. Sawchuk T, Mayer E; Chapter 111 in *Interventional Spine*, (Eds. C. Slipman, R. Derby, F. Simeone, T. Mayer), Elsevier Global Publications, London, UK, 2007, pp. 1213-1221

Postinjury Rehabilitation/Management, Mayer T, Gatchel R, Porter S, Theodore B; Chapter 35 in *The Occupational Ergonomics Handbook, 2nd Edition. Interventions, Controls, and Applications in Occupational Ergonomics*, (Eds. W Marras, W. Karwowski), 2006, pp. 35.1-35.8

Lumbar Musculature: Anatomy and Function, Mayer T, Mayer E; Chapter 5 in *The Spine 5th Edition, Vol. 1, Section 1 Basic Science* (Eds. Rothman-Simeone, Assoc. Ed. S. Garfin), W.B. Saunders Co., Philadelphia, PA, 2006, pp. 84-93

Musculoskeletal Rehabilitation. Mayer T, Press J; Chapter 55 in *AAOS Orthopedic Knowledge Update (OKU-8)*, (Ed. A. Vaccaro), AAOS Press, Chicago, IL, 2005, pp. 655-660

Chronic Pain Management Through Functional Restoration for Spinal Disorders. Mayer T, McGeary D, Gatchel R; Chapter 14 in *The Adult & Pediatric Spine, 3rd edition* (Eds. J. Frymoyer, S. Wiesel; Assoc. Eds. H. An, S. Boden, W. Laueran, L. Lenke, R. McLain), Lippincott, Williams & Wilkins, Philadelphia, PA, 2004, pp. 323-333

Range of Motion Evaluation, Mayer T; Chapter 13 in *Disability Evaluation*, (Eds. S. Demeter, G. Andersson), W.B. Saunders Co., Philadelphia, PA, 2004, pp. 127-136

Workers' Compensation, Mayer T; Chapter 33 in *The Low Back Pain Handbook, 2nd Ed.*, (Eds. A. Cole and S. Herring), Hanley & Belfus, Philadelphia, PA, 2002, pp. 517-528

Functional Restoration of Patients with Chronic Spinal Pain, Mayer T; Chapter 26 in *AAOS Spine Orthopedic Knowledge Update, Ed. 2* (Eds. D. Fardon, S. Garfin), AAOS Press, Chicago IL, 2002, pp. 229-238

Chronic Low Back Pain, Mayer T, Gatchel R, Evans T; Section 8, Chapter 10 in *Orthopaedics* (Eds. R. Fitzgerald, H. Kaufer, A. Malkani), Mosby, Philadelphia, PA, 2002, pp. 1192-1197

More on Functional Restoration Outcomes; Gatchel R, Palmer K, Mayer T; in *TX Work Comp Advisor 2000:11(9 on 3/11/00):3-8*

Objective Outcome Evaluation: Methods and Evidence, Mayer T, Prescott M, Gatchel R; Chapter 37 in *Occupational Musculoskeletal Disorders: Function, Outcomes and Evidence* (Eds. T. Mayer, R. Gatchel, P. Polatin), Lippincott, Williams & Wilkins, Philadelphia, PA, 1999, pp. 651-667

Tertiary Nonoperative Interdisciplinary Programs: The Functional Restoration Variant of the Outpatient Chronic Pain Management Program, Mayer T, Polatin P, Chapter 36 in *Occupational Musculoskeletal Disorders: Function, Outcomes & Evidence*, (Eds. T. Mayer, R. Gatchel, P. Polatin), Lippincott, Williams & Wilkins, Philadelphia, PA, 1999, pp. 639-650

Quantitative Physical and Functional Capacity Assessment, Mayer T; Chapter 30 in *Occupational Musculoskeletal Disorders: Function, Outcomes and Evidence* (Eds. T. Mayer, R. Gatchel, P. Polatin), Lippincott, Williams & Wilkins, Philadelphia, PA, 1999, pp. 547-560

Occupational Musculoskeletal Disorders: Introduction and Overview of the Problem, Gatchel R, Mayer T; Chapter 1 in *Occupational Musculoskeletal Disorders: Function, Outcomes & Evidence*, (Eds. T. Mayer, R. Gatchel, P. Polatin), Lippincott, Williams & Wilkins, Philadelphia, PA, 1999, pp. 3-8

Spine Functional Restoration: Tertiary Nonoperative Care, Mayer T; Chapter 58 in *The Spine, 4th Edition*, (Eds. R. Rothman and F. Simeone; Assoc. Ed. S. Wiesel), W.B. Saunders Co., Philadelphia, PA, 1999, pp. 1791-1804

Lumbar Musculature: Anatomy and Function, Mayer T; Chapter 3 in *The Spine, 4th Edition*, (Eds. R. Rothman and F. Simeone; Assoc. Ed. G. Bell), W.B. Saunders Co., Philadelphia, PA, 1999, pp. 75-82

Rehabilitation: What Do We Do With The Chronic Patient?, Mayer T; in Special Issue on Lower Back Pain in *Neurology Clinics of North America* (Ed. S. Haldeman), W.B. Saunders Co., Philadelphia, PA, 1999, pp. 131-147

Functional Restoration and Other Rehabilitation Approaches to Chronic Musculoskeletal Pain Disability Syndromes, Mayer T, Polatin P, Gatchel R; in *Critical Reviews in Physical and Rehabilitation Medicine* (Ed. M. Grabois), Begell House, Inc., New York, NY, 1998, pp. 209-221

Functional Restoration of Back and Neck Work-Related Injuries, Mayer T; Chapter 22 in *Principles and Techniques of Spine Surgery*, (Ed. H. An), Williams & Wilkins, Baltimore, MD, 1997, pp. 461-473

Functional Restoration for Work Injuries to the Spine, Mayer T; Chapter 15 in *AAOS Spine Knowledge Update*, (Eds. S. Garfin and A. Vaccaro), AAOS Press, Chicago, IL, 1997, pp. 141-147

Rehabilitation of the Worker with Chronic Spinal Disorders, Part IV: Clinical Evaluation and Patient Care; Mayer T; in *Musculoskeletal Disorders in the Workplace: Principles and Practice*, (Eds. M. Nordin, G. Andersson, M. Pope), C.V. Mosby, Philadelphia, PA, 1997, pp. 306-315

Workers' Compensation, Mayer T; Chapter 27 in *The Low Back Pain Handbook: A Practical Guide for the Primary Care Clinician*, (Eds. A. Cole and S. Herring), Hanley & Belfus, Philadelphia, PA, 1996, pp. 405-415

Range of Motion Evaluation, Mayer T; Chapter 14 in *Disability Evaluation*, (Eds. S. Demeter, G. Andersson, G. Smith), Mosby, St. Louis, MO, 1996, pp. 93-103

The Tertiary Care Level: The Problem Patient, Cox B, Garcy P, Gatchel R, Leeman G, Santana A, Mayer T; Chapter 31 in *The Comprehensive Guide to Work Injury Management*, (Ed. S. Isernhagen), Aspen Publishers, Gaithersburg, MD, 1995, pp. 565-583

Physical Correlates of the Deconditioning and Debilitation Cascade, Mayer T; Chapter 35 in *Spine Care: Diagnosis and Conservative Treatment*, (Ed. A. White), Mosby, St. Louis, MO, 1995, pp. 528-536

Assessing Physical Impairment, Mayer T; Chapter 21 in *Industrial Therapy*, (Ed. G. Key), C.V. Mosby, St. Louis, MO, 1995, pp. 400-408

Functional Restoration, Mayer T; Chapter 24 in *Lumbar Disc Disease, 2nd Edition*, (Ed. R. Hardy), Raven Press, New York, NY, 1993, 309-319

The Functional Restoration Programme for the Postoperative and Chronic Low Back Pain Patient, Mayer T, Gatchel R, Polatin P; Chapter 28 in *The Lumbar Spine and Back Pain* (Ed. M. Jayson), Churchill Livingstone, New York, NY, 1992, pp. 517-535

- Spinal Rehabilitation, Mayer T, Polatin P; Chapter 30 in *Principles and Practice of Chiropractic, 2nd Edition*, (Ed. S. Haldeman), Appleton & Lange, Norwalk, CT, 1992, pp. 533-547
- Functional Restoration for Spinal Disorders: The Sports Medicine Approach, Mayer T, Mayer H; in *Occupational Musculoskeletal Disorders: Occurrence, Prevention and Therapy* (Eds. K. Fehr and H. Krueger), EULAR Publishers, Basel, CH, 1992, pp. 135-148
- Overcoming Deconditioning in Chronic Low Back Disability Through Functional Restoration, Mayer T; in *Seminars in Spine Surgery* (Ed. S. Bigos), W.B. Saunders, Philadelphia, PA, 1992, pp. 29-34
- Spine Functional Restoration, Mayer T; Chapter 50 in *The Spine, 3rd Edition*, (Eds. R. Rothman and F. Simeone), W.B. Saunders Co., Philadelphia, PA, 1992, pp. 1929-1944
- Lumbar Musculature: Anatomy and Function, Mayer T; Chapter 3 in *The Spine, 3rd Edition*, (Eds. R. Rothman and F. Simeone), W.B. Saunders Co., Philadelphia, PA, 1992, pp. 89-97
- Management of the Patient with Chronic Low Back Pain: The Functional Restoration Approach, Mayer T; Chapter 12 in *Physical Medicine and Rehabilitation Clinics of North America 2:233-247*, 1991
- Rehabilitation Versus Conservative Care, Mayer T; Chapter 35 in *Contemporary Care for Painful Spinal Disorders: Concepts, Diagnosis & Treatment*, (Eds. T. Mayer, V. Mooney, R. Gatchel), Lea & Febiger, Philadelphia, PA, 1991, pp. 433-440
- The Shift From Passive Modalities to Reactivation, Mayer T; Chapter 25 in *Contemporary Care for Painful Spinal Disorders: Concepts, Diagnosis & Treatment*, (Ed. T. Mayer, V. Mooney, R. Gatchel), Lea & Febiger, Philadelphia, PA, 1991, pp. 270-277
- Rationale for Modern Spine Care, Mayer T; Chapter 1 in *Contemporary Care for Painful Spinal Disorders: Concepts, Diagnosis & Treatment*, (Ed. T. Mayer, V. Mooney, R. Gatchel), Lea & Febiger, Philadelphia, PA, 1991, pp. 1-9
- Functional Restoration for the Chronic Low Back Pain Patient, Mayer T; Chapter 16-E in *The Lumbar Spine*, (International Society for the Study of the Lumbar Spine), (Ed. J. Weinstein, S. Wiesel), W.B. Saunders Company, Toronto, CN, 1990, pp. 827-839
- Exercise, Fitness and Back Pain, Mayer T; Discussion in *Exercise, Fitness and Health*. (Ed. C. Bouchard), Human Kinetics Books, Champaign, IL, 1990, pp. 541-546
- Functional Restoration for Chronic Low Back Pain, Mayer T, Gatchel R; Chapter 25 in *Interdisciplinary Rehabilitation of Low Back Pain* (Ed C. Tollison, M. Kriegel), Williams & Wilkins, Baltimore, MD, 1989, pp. 343-353
- Spinal Muscle Physiology and Assessment, Mayer T; in *New Perspectives on Low Back Pain* (Ed. J. Frymoyer and S. Gordon), American Academy of Orthopedic Surgeons Press, Chicago, IL, 1989
- Testing of Human Strength Performance Affecting the Lumbar Spine, Mayer T; *Contribution to Clinical Muscle Section; New Perspectives on Low Back Pain*, (Ed. J. Frymoyer, S. Gordon), American Academy of Orthopedic Surgeons Press, Chicago, IL, 1988
- Spine Disability Section, Mayer T; in *AMA Guides to Evaluation of Permanent Impairment*, (Ed. A. Engleberg), American Medical Association Press, Chicago, IL, 1988
- Functional Restoration: New Concepts in Spinal Rehabilitation, Mayer T, Mayer H; in *Managing Low Back Pain*, (Ed. William Kirkaldy-Willis), Churchill Livingstone, New York, NY, pp. 381-388, 1988
- Functional Restoration of the Patient with Chronic Spinal Disorders. Mayer T, Section 16 in *Work Injury - Management and Prevention*, Aspen Publications, Rockville, MD, 1988
- Assessment of Lumbar Function. Mayer T; Chapter 7 in *Disability Symposium* (Ed. V. Mooney), Clin Orthop & Rel Res

221;99-109, 1987

Orthopedic Conservative Care: The Functional Restoration Approach. Mayer T; Chapter 11 in *Spine: State-of-the-Art Review* (Ed. A. White), Hanley and Belfus, Philadelphia, PA, pp. 139-147, 1986

Physical Assessment of the Postoperative Patient. Mayer T; Chapter 8 in *Spine: State-of-the-Art Review* (Ed. A. White), Hanley and Belfus, Philadelphia, PA, pp. 93-101, 1986