Stanford



Eugene Carragee, MD

Professor of Orthopaedic Surgery, Emeritus

CONTACT INFORMATION

- **Alternate Contact**

  Sue Gokey Gonzalez - Administrative Assistant

  Email sgokey@stanford.edu

  Tel 650-721-7616

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty-Med Ctr Line, Orthopaedic Surgery

ADMINISTRATIVE APPOINTMENTS

- Spine Consultant for Varsity and NCAA Teams, Stanford University, (1993- present)
- Director, Medical Student Education; Department of Orthopaedic Surgery, Stanford University School of Medicine, (1990-2016)
- Director, Orthopaedic Spine Center at Stanford, Stanford Hospital and Clinics, (1990-2013)
- Medical Director, Service Quality, Stanford Univeristy Hospital and Clinics, (2009- present)
- Chief, Spinal Surgery Division, (2004-2013)

HONORS AND AWARDS

- Summa Cum Laude, State University of New York at Albany (1977)
- Outstanding Research Award, International Society for the Study of the Lumbar Spine (2003)
- Best Paper Award, International Society for the Study of the Lumbar Spine (2005)
- Outstanding Paper Award, North American Spine Society (2008 - 03, 01, 00, 1999-97)
- Excellence in Teaching Award, Stanford University School of Medicine (1996, 1997, 2004)
- Clinical Research Award, International Society for the Study of the Lumbar Spine (2009 and 2006)
- Volvo Clinical Research Award, International Society for the Study of the Lumbar Spine (2000)
- Leon Wiltse Award, North American Spine Society (2008)
- Various awards and Commendations, U.S. Army (to present)

PROFESSIONAL EDUCATION

- M.D., Stanford Univ. School of Med. (1982)
- B.S., State Univ. of New York, Albany , Biology (1977)

COMMUNITY AND INTERNATIONAL WORK

- Editor in Chief, The Spine Journal, Stanford and NASS
- VA Neck Pain and Back Pain Guidelines
- Command Surgeon, 351 Civil Affairs Command
- Low Back Pain Guidelines Panel
- Neck Pain Task Force, Toronto, Canada
- Medical Officer, US Army Reserve
- Health Volunteers International, Ho Chi Minh City, Viet Nam
- Viet Nam Rehabilitation Project, Workshop Director, Hanoi, Ho Chi Minh City, Viet Nam
- Arbor Free Medical Clinic, Faculty Consultant
- Project Leader, Health Volunteer International, Viet Nam
- UN Medical Corps/Refugee Volunteer, Hong Kong
- Hong Kong Refugee Camp Volunteer, Hong Kong

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Carragee's research interests lie in outcomes assessment of surgical and rehabilitative treatment for cervical and lumbar intervertebral disk herniation; diagnosis and treatment of spine infections, instrumentation of the degenerative spine and spinal deformities and low back pain syndromes, pain and pain management.

Teaching

COURSES

2023-24

- The Terrible Toll of Close Combat: Fact and Myth from Xenophon to Fallujah to the X-Box: PSYC 30N (Aut)

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Patient-Level Patterns in Daily Prescribed Opioid Dosage in Single Level Lumbar Fusion are Associated with Postoperative Opioid Dosage and Adverse Events: A Retrospective Analysis of Claims Data.** *The spine journal : official journal of the North American Spine Society*
  Koltsov, J. C., Sambare, T. D., Kleimeyer, J. P., Alamin, T. F., Wood, K. B., Carragee, E. J., Hu, S. S.
  2024

- **A Regional Analysis of Low Back Pain Treatments in the Military Health System.** *Spine*
  Lurie, J. D., Leggett, C. G., Skinner, J., Carragee, E., Austin, A. M., Luan, W. P.
  2023

- **Moral Injury: How It Affects Us and Tools to Combat It.** *MedEdPORTAL : the journal of teaching and learning resources*
  Arquette, C., Peicher, V., Ajayi, A., Alvarez, D., Mao, A., Nguyen, T., Sawyer, A., Sears, C. M., Carragee, E. J., Floyd, B., Mahanay, B., Blankenburg, R.
  2023; 19: 11357

- **The lost stethoscope.** *North American Spine Society journal*
  Carragee, E. J.
  2021; 6: 100069
- **The lost stethoscope** *NORTH AMERICAN SPINE SOCIETY JOURNAL*
  Carragee, E. J.
  2021; 6
- **Does the presence of the fibronectin-aggrecan complex predict outcomes from lumbar discectomy for disc herniation?** *SPINE JOURNAL*
  Smith, M. W., Ith, A., Carragee, E. J., Cheng, I., Alamin, T. F., Golish, S., Mitsunaga, K., Scuderi, G. J., Smuck, M.
  2019; 19 (2): E28–E33
- **Ribosomal PCR assay of excised intervertebral discs from patients undergoing single-level primary lumbar microdiscectomy.** *European spine journal*
  Alamin, T. F., Munoz, M., Zagel, A., Ith, A., Carragee, E., Cheng, I., Scuderi, G., Budvytiene, I., Banei, N.
  2017
- **Reply to letters to the editor regarding lumbar provocative discography** *SPINE JOURNAL*
  Carragee, E. J., Stauff, M. P.
  2017; 17 (4): 612
- **Effect of an Annular Closure Device (Barricaid) on Same-Level Recurrent Disk Herniation and Disk Height Loss After Primary Lumbar Discectomy Two-year Results of a Multicenter Prospective Cohort Study** *CLINICAL SPINE SURGERY*
  Parker, S. L., Grahovac, G., Vukas, D., Vilendecic, M., Ledic, D., McGirt, M. J., Carragee, E. J.
  2016; 29 (10): 454-460
- **Change of command** *SPINE JOURNAL*
  Carragee, E. J.
  2016; 16 (12): 1427
- **Surgical Versus Nonsurgical Treatment for Lumbar Spinal Stenosis** *SPINE*
  Zaina, F., Tomkins-Lane, C., Carragee, E., Negrini, S.
  2016; 41 (14): E857-E868
- **Does provocative discography cause clinically important injury to the lumbar intervertebral disc? A 10-year matched cohort study.** *spine journal*
  Cuellar, J. M., Stauff, M. P., Herzog, R. J., Carrino, J. A., Baker, G. A., Carragee, E. J.
  2016; 16 (3): 273-280
- **Research design considerations for single-dose analgesic clinical trials in acute pain: IMMPACT recommendations.** *Pain*
  Cooper, S. A., Desjardins, P. J., Turk, D. C., Dworkin, R. H., Katz, N. P., Kehlet, H., Ballantyne, J. C., Burke, L. B., Carragee, E., Cowan, P., Croll, S., Dionne, R. A., Farrar, et al
  2016; 157 (2): 288-301
- **Surgical versus non-surgical treatment for lumbar spinal stenosis.** *Cochrane database of systematic reviews*
  Zaina, F., Tomkins-Lane, C., Carragee, E., Negrini, S.
  2016: CD010264-?
- **Surgical versus non-surgical treatment for lumbar spinal stenosis** *COCHRANE DATABASE OF SYSTEMATIC REVIEWS*
  Zaina, F., Tomkins-Lane, C., Carragee, E., Negrini, S.
  2016
- **From Anzac to Afghanistan: have 100 years taught us nothing about the devastation of war?** *SPINE JOURNAL*
  Carragee, E. J.
  2015; 15 (12): 2453
- **Report of the NIH Task Force on Research Standards for Chronic Low Back Pain.** *International journal of therapeutic massage & bodywork*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2015; 8 (3): 16-33

- **Novel diagnostic and prognostic methods for disc degeneration and low back pain** *SPINE JOURNAL*
  Samartzis, D., Borthakur, A., Belfer, I., Bow, C., Lotz, J. C., Wang, H., Cheung, K. M., Carragee, E., Karppinen, J.
  2015; 15 (9): 1919-1932

- **Oral Steroids for Acute Radiculopathy Due to a Herniated Lumbar Disk A Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Goldberg, H., Firtch, W., Tyburski, M., Pressman, A., Ackerson, L., Hamilton, L., Smith, W., Carver, R., Maratukulam, A., Won, L. A., Carragee, E., Avins, A. L.
  2015; 313 (19): 1915-1923

- **Report of the NIH Task Force on research standards for chronic low back pain.** *Physical therapy*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2015; 95 (2): e1-e18

- **Clearing the cervical spine in Plato's cave** *SPINE JOURNAL*
  Schoenfeld, A. J., Carragee, E. J.
  2014; 14 (11): 2554–56

- **Focus article: report of the NIH task force on research standards for chronic low back pain** *EUROPEAN SPINE JOURNAL*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 23 (10): 2028-2045

- **REPORT OF THE NATIONAL INSTITUTES OF HEALTH TASK FORCE ON RESEARCH STANDARDS FOR CHRONIC LOW BACK PAIN** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 37 (7): 449-467

- **Focus Article Report of the NIH Task Force on Research Standards for Chronic Low Back Pain** *CLINICAL JOURNAL OF PAIN*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 30 (8): 701-712

- **Report of the NIH Task Force on Research Standards for Chronic Low Back Pain** *PAIN MEDICINE*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 15 (8): 1249-1267

- **Report of the NIH Task Force on Research Standards for Chronic Low Back Pain** *SPINE JOURNAL*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 14 (8): 1375-1391

- **Report of the NIH Task Force on Research Standards for Chronic Low Back Pain** *SPINE*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 39 (14): 1128-1143

- **Report of the NIH Task Force on Research Standards for Chronic Low Back Pain** *JOURNAL OF PAIN*
  Deyo, R. A., Dworkin, S. F., Amtmann, D., Andersson, G., Borenstein, D., Carragee, E., Carrino, J., Chou, R., Cook, K., Delitto, A., Goertz, C., Khalsa, P., Loeser, et al
  2014; 15 (6): 569-585

- **Vertebral compression fracture rules** *SPINE JOURNAL*
  Stauff, M. P., Carragee, E. J.
  2014; 14 (6): 971–72

- **Re: BMP-2 Augmented Fusion in the Low-Risk, Healthy Subjects: A Confirmation of Effectiveness and Harms Highlights the Need for Study in High Risk Patients** *SPINE*

Carragee, E. J.
2014; 39 (4): 341–42

- **Does the presence of the fibronectin-aggrecan complex predict outcomes from lumbar discectomy for disc herniation?** *The spine journal : official journal of the North American Spine Society*
  Smith, M. W., Ith, A., Carragee, E. J., Cheng, I., Alamin, T. F., Golish, S. R., Mitsunaga, K., Scuderi, G. J., Smuck, M.
  2013
- **Spinal Bracing in Adolescent Idiopathic Scoliosis** *NEW ENGLAND JOURNAL OF MEDICINE*
  Carragee, E. J., Lehman, R. A.
  2013; 369 (16): 1558–60
- **Cancer risk after use of recombinant bone morphogenetic protein-2 for spinal arthrodesis.** *journal of bone and joint surgery. American volume*
  Carragee, E. J., Chu, G., Rohatgi, R., Hurwitz, E. L., Weiner, B. K., Yoon, S. T., Comer, G., Kopjar, B.
  2013; 95 (17): 1537-1545
- **Cancer Risk After Use of Recombinant Bone Morphogenetic Protein-2 for Spinal Arthrodesis** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
  Carragee, E. J., Chu, G., Rohatgi, R., Hurwitz, E. L., Weiner, B. K., Yoon, S. T., Comer, G., Kopjar, B.
  2013; 95A (17): 1537-1545
- **Moving forward after YODA** *SPINE JOURNAL*
  Weiner, B. K., Hurwitz, E. L., Schoene, M. L., Carragee, E. J.
  2013; 13 (9): 995–97
- **Magnetic resonance imaging predictors of surgical outcome in patients with lumbar intervertebral disc herniation.** *Spine*
  Lurie, J. D., Moses, R. A., Tosteson, A. N., Tosteson, T. D., Carragee, E. J., Carrino, J. A., Kaiser, J. A., Herzog, R. J.
  2013; 38 (14): 1216-1225
- **Does a Fibronectin and Aggrecan Complex Play a Role in Painful Vertebral Disks?** *PM&R*
  Cuellar, J. M., Golish, S. R., Leroux, E. J., Reuter, M. W., Carragee, E. J., Hanna, L. S., Scuderi, G. J.
  2013; 5 (4): 297-302
- **Preface disc degeneration for The Spine Journal** *SPINE JOURNAL*
  Samartzis, D., Carragee, E. J.
  2013; 13 (3): 215–16
- **Thoracolumbar fracture dislocation sustained during childbirth in a patient with ankylosing spondylitis** *SPINE JOURNAL*
  Mayle, R. E., Cheng, I., Carragee, E. J.
  2012; 12 (11): E5-E8
- **Functional assessment of the acute local and distal transplantation of human neural stem cells after spinal cord injury** *SPINE JOURNAL*
  Cheng, I., Mayle, R. E., Cox, C. A., Park, D. Y., Smith, R. L., Corcoran-Schwartz, I., Ponnusamy, K. E., Oshtory, R., Smuck, M. W., Mitra, R., Kharazi, A. I., Carragee, E. J.
  2012; 12 (11): 1040-1044
- **Retrograde ejaculation after anterior lumbar interbody fusion with and without bone morphogenetic protein-2 augmentation: a 10-year cohort controlled study** *SPINE JOURNAL*
  Comer, G. C., Smith, M. W., Hurwitz, E. L., Mitsunaga, K. A., Kessler, R., Carragee, E. J.
  2012; 12 (10): 881-890
- **Commentary: Despite reports of catastrophic complications, why recombinant human bone morphogenetic protein-2 should be available for use in anterior cervical spine surgery** *SPINE JOURNAL*
  Riew, K., Carragee, E. J.
  2012; 12 (10): 900–901
- **A biologic without guidelines: the YODA project and the future of bone morphogenetic protein-2 research** *SPINE JOURNAL*
  Carragee, E. J., Baker, R. M., Benzel, E. C., Bigos, S. J., Cheng, I., Corbin, T. P., Deyo, R. A., Hurwitz, E. L., Jarvik, J. G., Kang, J. D., Lurie, J. D., Mroz, T. E., Oener, et al
  2012; 12 (10): 877-880

- **Commentary: Penetrating neck injury: George Orwell is "Struck by Lighting"** *SPINE JOURNAL*
  Carragee, E. J.
  2012; 12 (9): 769-770
- **Wartime spine injuries: understanding the improvised explosive device and biophysics of blast trauma** *SPINE JOURNAL*
  Kang, D. G., Lehman, R. A., Carragee, E. J.
  2012; 12 (9): 849-857
- **Spine-area pain in military personnel: a review of epidemiology, etiology, diagnosis, and treatment** *SPINE JOURNAL*
  Cohen, S. P., Gallagher, R. M., Davis, S. A., Griffith, S. R., Carragee, E. J.
  2012; 12 (9): 833-842
- **Commentary: Battle injuries: Jessica Lynch sets the record straight** *SPINE JOURNAL*
  Carragee, E. J.
  2012; 12 (9): 830-832
- **Marching home, again: spine casualties, combat exposure, and the long wars** *SPINE JOURNAL*
  Carragee, E. J.
  2012; 12 (9): 723-726
- **Commentary: The veteran: "A need to talk but no one wanted to hear about it"** *SPINE JOURNAL*
  Carragee, E. J.
  2012; 12 (9): 804-805
- **Morbidity and Mortality of C2 Fractures in the Elderly: Surgery and Conservative Treatment** *NEUROSURGERY*
  Chen, Y., Boakye, M., Arrigo, R. T., Kalanithi, P. S., Cheng, I., Alamin, T., Carragee, E. J., Mindea, S. A., Park, J.
  2012; 70 (5): 1055-1059
- **Commentary: Revision lumbar surgery and revisiting the role of preoperative depression screening** *SPINE JOURNAL*
  Carragee, E. J., Telles, C. J.
  2012; 12 (3): 186-188
- **Overview of Axial Skeleton Injuries: Burden of Disease** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
  Carragee, E. J.
  2012; 20: S18-S22
- **Managing Nonspecific Low Back Pain Do Nonclinical Patient Characteristics Matter?** *SPINE*
  Weiner, S. S., Weiser, S. R., Carragee, E. J., Nordin, M.
  2011; 36 (23): 1987-1994
- **Commentary: One small step** *SPINE JOURNAL*
  Smuck, M., Carragee, E. J.
  2011; 11 (9): 824-825
- **Charlson Score is a Robust Predictor of 30-Day Complications Following Spinal Metastasis Surgery** *SPINE*
  Arrigo, R. T., Kalanithi, P., Cheng, I., Alamin, T., Carragee, E. J., Mindea, S. A., Boakye, M., Park, J.
  2011; 36 (19): E1274-E1280
- **Outcome of Lumbar Epidural Steroid Injection Is Predicted by Assay of a Complex of Fibronectin and Aggrecan From Epidural Lavage** *SPINE*
  Golish, S. R., Hanna, L. S., Bowser, R. P., Montesano, P. X., Carragee, E. J., Scuderi, G. J.
  2011; 36 (18): 1464-1469
- **Future directions for The Spine Journal: managing and reporting conflict of interest issues** *SPINE JOURNAL*
  Carragee, E. J., Hurwitz, E. L., Weiner, B. K., Bono, C. M., Rothman, D. J.
  2011; 11 (8): 695-697
- **Local bone graft harvesting and volumes in posterolateral lumbar fusion: a technical report** *SPINE JOURNAL*
  Carragee, E. J., Comer, G. C., Smith, M. W.
  2011; 11 (6): 540-544

- **Retrograde ejaculation after anterior lumbar interbody fusion using rhBMP-2: a cohort controlled study** *SPINE JOURNAL*
  Carragee, E. J., Mitsunaga, K. A., Hurwitz, E. L., Scuderi, G. J.
  2011; 11 (6): 511-516

- **A challenge to integrity in spine publications: years of living dangerously with the promotion of bone growth factors** *SPINE JOURNAL*
  Carragee, E. J., Ghanayem, A. J., Weiner, B. K., Rothman, D. J., Bono, C. M.
  2011; 11 (6): 463-468

- **A critical review of recombinant human bone morphogenetic protein-2 trials in spinal surgery: emerging safety concerns and lessons learned** *SPINE JOURNAL*
  Carragee, E. J., Hurwitz, E. L., Weiner, B. K.
  2011; 11 (6): 471-491

- **Are Persistently Symptomatic Vertebral Compression Fractures Associated With Abnormal Inflammatory Profiles? A Prospective Study** *JOURNAL OF SPINAL DISORDERS & TECHNIQUES*
  Golish, S. R., Hanna, L. S., Cuellar, J. M., Fernyhough, J. C., Campbell, D. R., Carragee, E. J., Scuderi, G. J.
  2011; 24 (2): 121-125

- **Predictors of Survival After Surgical Treatment of Spinal Metastasis** *NEUROSURGERY*
  Arrigo, R. T., Kalanithi, P., Cheng, I., Alamin, T., Carragee, E. J., Mindea, S. A., Park, J., Boakye, M.
  2011; 68 (3): 674-681

- **Pregabalin as a Neuroprotector after Spinal Cord Injury in Rats: Biochemical Analysis and Effect on Glial Cells** *JOURNAL OF KOREAN MEDICAL SCIENCE*
  Ha, K., Carragee, E., Cheng, I., Kwon, S., Kim, Y.
  2011; 26 (3): 404-411

- **Intradiscal treatment of back pain** *SPINE JOURNAL*
  Carragee, E. J.
  2011; 11 (2): 97-99

- **A case of late epidural hematoma in a patient on clopidogrel therapy postoperatively: when is it safe to resume antiplatelet agents?** *SPINE JOURNAL*
  Carragee, E. J., Golish, S. R., Scuderi, G. J.
  2011; 11 (1): E1-E4

- **Accelerated Degeneration After Failed Cervical and Lumbar Nucleoplasty** *JOURNAL OF SPINAL DISORDERS & TECHNIQUES*
  Cuellar, V. G., Cuellar, J. M., Vaccaro, A. R., Carragee, E. J., Scuderi, G. J.
  2010; 23 (8): 521-524

- **Lumbar Provocation Diskography: Helpful or Harmful? Rebuts** *PM&R*
  Carragee, E.
  2010; 2 (10): 967–68

- **Lumbar Provocation Diskography: Helpful or Harmful? Responds** *PM&R*
  Carragee, E.
  2010; 2 (10): 960–65

- **Identification of a complex between fibronectin and aggrecan G3 domain in synovial fluid of patients with painful meniscal pathology** *CLINICAL BIOCHEMISTRY*
  Scuderi, G. J., Woolf, N., Dent, K., Golish, S. R., Cuellar, J. M., Cuellar, V. G., Yeomans, D. C., Carragee, E. J., Angst, M. S., Bowser, R., Hanna, L. S.
  2010; 43 (10-11): 808-814

- **The Increasing Morbidity of Elective Spinal Stenosis Surgery Is It Necessary?** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Carragee, E. J.
  2010; 303 (13): 1309–10

- **Minimum acceptable outcomes after lumbar spinal fusion** *SPINE JOURNAL*
  Carragee, E. J., Cheng, I.

2010; 10 (4): 313-320

- **The rise and fall of the "minimum clinically important difference"** *SPINE JOURNAL*
  Carragee, E. J.
  2010; 10 (4): 283–84
- **The vertebroplasty affair: the mysterious case of the disappearing effect size** *SPINE JOURNAL*
  Carragee, E. J.
  2010; 10 (3): 191-192
- **Cytokine evaluation in individuals with low back pain using discographic lavage** *SPINE JOURNAL*
  Cuellar, J. M., Golish, S. R., Reuter, M. W., Cuellar, V. G., Angst, M. S., Carragee, E. J., Yeomans, D. C., Scuderi, G. J.
  2010; 10 (3): 212-218
- **Pseudomorbidity in iliac crest bone graft harvesting: the rise of rhBMP-2 in short-segment posterior lumbar fusion** *SPINE JOURNAL*
  Carragee, E. J., Bono, C. M., Scuderi, G. J.
  2009; 9 (11): 873-879
- **Epidural Interferon Gamma-Immunoreactivity A Biomarker for Lumbar Nerve Root Irritation** *SPINE*
  Scuderi, G. J., Cuellar, J. M., Cuellar, V. G., Yeomans, D. C., Carragee, E. J., Angst, M. S.
  2009; 34 (21): 2311-2317
- **2009 ISSLS Prize Winner: Does Discography Cause Accelerated Progression of Degeneration Changes in the Lumbar Disc A Ten-Year Matched Cohort Study** *SPINE*
  Carragee, E. J., Don, A. S., Hurwitz, E. L., Cuellar, J. M., Carrino, J., Herzog, R.
  2009; 34 (21): 2338-2345
- **Continuing debate: validity and utility of magnetic resonance imaging of the upper cervical spine after whiplash exposure** *SPINE JOURNAL*
  Carragee, E. J.
  2009; 9 (9): 778-779
- **A Prospective Cohort Study of Close Interval Computed Tomography and Magnetic Resonance Imaging After Primary Lumbar Discectomy Factors Associated With Recurrent Disc Herniation and Disc Height Loss** *SPINE*
  McGirt, M. J., Eustacchio, S., Varga, P., Vilendecic, M., Trummer, M., Gorensek, M., Ledic, D., Carragee, E. J.
  2009; 34 (19): 2044-2051
- **Changes in posterior lumbar disk contour abnormality with flexion-extension movement in subjects with low back pain and degenerative disk disease.** *PM & R : the journal of injury, function, and rehabilitation*
  Lee, S., Lee, J., Butts, K., Carragee, E., Fredericson, M.
  2009; 1 (6): 541-546
- **Changes in Posterior Lumbar Disk Contour Abnormality with Flexion-Extension Movement in Subjects with Low Back Pain and Degenerative Disk Disease** *PM&R*
  Lee, S., Lee, J., Butts, K., Carragee, E., Fredericson, M.
  2009; 1 (6): 541-546
- **Surgery for Low Back Pain A Review of the Evidence for an American Pain Society Clinical Practice Guideline** *SPINE*
  Chou, R., Baisden, J., Carragee, E. J., Resnick, D. K., Shaffer, W. O., Loeser, J. D.
  2009; 34 (10): 1094-1109
- **Great Expectations** *JOURNAL OF RHEUMATOLOGY*
  Carragee, E. J.
  2009; 36 (5): 869–71
- **Interventional Therapies, Surgery, and Interdisciplinary Rehabilitation for Low Back Pain An Evidence-Based Clinical Practice Guideline From the American Pain Society** *SPINE*
  Chou, R., Loeser, J. D., Owens, D. K., Rosenquist, R. W., Atlas, S. J., Baisden, J., Carragee, E. J., Grabois, M., Murphy, D. R., Resnick, D. K., Stanos, S. P., Shaffer, W. O., Wall, et al
  2009; 34 (10): 1066-1077

- **Lifetime Asymptomatic for Back Pain The Validity of Self-report Measures in Soldiers** *SPINE*
  Carragee, E. J., Cohen, S. P.
  2009; 34 (9): 978-983

- **Clinical Research Is the Spine Field a Mine Field?** *SPINE*
  Carragee, E. J., Deyo, R. A., Kovacs, F. M., Peul, W. C., Lurie, J. D., Urrutia, G., Corbin, T. P., Schoene, M. L.
  2009; 34 (5): 423-430

- **Assessment of neck pain and its associated disorders (vol 17, pg S101, 2008)** *EUROPEAN SPINE JOURNAL*
  Nordin, M., Carragee, E. J., Hogg-Johnson, S., Weiner, S., Hurwitz, E. L., Peloso, P. M., Guzman, J., van der Velde, G., Carroll, L. J., Holm, L. W., Cote, P., Cassidy, J., Haldeman, et al
  2009; 18 (3): 435–36

- **TREATMENT OF NECK PAIN Injections and Surgical Interventions: Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S153-S169, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Carragee, E. J., Hurwitz, E. L., Cheng, I., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P., Holm, L. W., Cote, P., Hogg-Johnson, S., van der Velde, G., Cassidy, J. D., Haldeman, et al
  2009; 32 (2): S176-S193

- **COURSE AND PROGNOSTIC FACTORS FOR NECK PAIN IN WORKERS Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S93-S100, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Carroll, L. J., Hogg-Johnson, S., Cote, P., van der Velde, G., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Peloso, P. M., Cassidy, J., Guzman, J., Nordin, M., Haldeman, S.
  2009; 32 (2): S108–S116

- **METHODS FOR THE BEST EVIDENCE SYNTHESIS ON NECK PAIN AND ITS ASSOCIATED DISORDERS The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S33-S38, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Carroll, L. J., Cassidy, J., Peloso, P. M., Giles-Smith, L., Cheng, C., Greenhalgh, S. W., Haldeman, S., van der Velde, G., Hurwitz, E. L., Cote, P., Nordin, M., Hogg-Johnson, S., Holm, et al
  2009; 32 (2): S39–S45

- **COURSE AND PROGNOSTIC FACTORS FOR NECK PAIN IN THE GENERAL POPULATION Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S75-S82, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Carroll, L. J., Hogg-Johnson, S., van der Velde, G., Haldeman, S., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Cote, P., Nordin, M., Peloso, P. M., Guzman, J., Cassidy, J.
  2009; 32 (2): S87–S96

- **THE BURDEN AND DETERMINANTS OF NECK PAIN IN WHIPLASH-ASSOCIATED DISORDERS AFTER TRAFFIC COLLISIONS Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S52-S59, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Holm, L. W., Carroll, L. J., Cassidy, J., Hogg-Johnson, S., Cote, P., Guzman, J., Peloso, P., Nordin, M., Hurwitz, E., van der Velde, G., Carragee, E., Haldeman, S.
  2009; 32 (2): S61–S69

- **THE BURDEN AND DETERMINANTS OF NECK PAIN IN THE GENERAL POPULATION Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S39-S51, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Hogg-Johnson, S., van der Velde, G., Carroll, L. J., Holm, L. W., Cassidy, J., Guzman, J., Cote, P., Haldeman, S., Ammendolia, C., Carragee, E., Hurwitz, E., Nordin, M., Peloso, et al
  2009; 32 (2): S46–S60

- **CLINICAL PRACTICE IMPLICATIONS OF THE BONE AND JOINT DECADE 2000-2010 TASK FORCE ON NECK PAIN AND ITS ASSOCIATED DISORDERS From Concepts and Findings to Recommendations (Reprinted from Spine, vol 33, pg S199-S213, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*
  Guzman, J., Haldeman, S., Carroll, L. J., Carragee, E. J., Hurwitz, E. L., Peloso, P., Nordin, M., Cassidy, J., Holm, L. W., Cote, P., van der Velde, G., Hogg-Johnson, S.
  2009; 32 (2): S227–S243

- **THE BURDEN AND DETERMINANTS OF NECK PAIN IN WORKERS Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S60-S74, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Cote, P., van der Velde, G., Cassidy, J., Carroll, L. J., Hogg-Johnson, S., Holm, L. W., Carragee, E. J., Haldeman, S., Nordin, M., Hurwitz, E. L., Guzman, J., Peloso, P. M.

  2009; 32 (2): S70–S86

- **COURSE AND PROGNOSTIC FACTORS FOR NECK PAIN IN WHIPLASH-ASSOCIATED DISORDERS (WAD) Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S83-S92, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Carroll, L. J., Holm, L. W., Hogg-Johnson, S., Cote, P., Cassidy, J., Haldeman, S., Nordin, M., Hurwitz, E. L., Carragee, E. J., van der Velde, G., Peloso, P. M., Guzman, J.

  2009; 32 (2): S97–S107

- **ASSESSMENT OF NECK PAIN AND ITS ASSOCIATED DISORDERS Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S101-S122, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Nordin, M., Carragee, E. J., Hogg-Johnson, S., Weiner, S., Hurwitz, E. L., Peloso, P. M., Guzman, J., van der Velde, G., Carroll, L. J., Holm, L. W., Cote, P., Cassidy, J., Haldeman, et al

  2009; 32 (2): S117–S140

- **TREATMENT OF NECK PAIN: NONINVASIVE INTERVENTIONS Results of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, vol 33, pg S123-S152, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Hurwitz, E. L., Carragee, E. J., van der Velde, G., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P. M., Holm, L. W., Cote, P., Hogg-Johnson, S., Cassidy, J., Haldeman, S.

  2009; 32 (2): S141–S175

- **RESEARCH PRIORITIES AND METHODOLOGICAL IMPLICATIONS The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, pg S214-S220, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Carroll, L. J., Hurwitz, E. L., Cote, P., Hogg-Johnson, S., Carragee, E. J., Nordin, M., Holm, L. W., van der Velde, G., Cassidy, J., Guzman, J., Peloso, P. M., Haldeman, S.

  2009; 32 (2): S244–S251

- **RESEARCH PRIORITIES AND METHODOLOGICAL IMPLICATIONS The Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders (Reprinted from Spine, pg S214-S220, 2008)** *JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS*

  Carroll, L. J., Hurwitz, E. L., Cote, P., Hogg-Johnson, S., Carragee, E. J., Nordin, M., Holm, L. W., van der Velde, G., Cassidy, J., Guzman, J., Peloso, P. M., Haldeman, S.

  2009; 32 (2): S244–S251

- **Lumbar Spine: Reliability of MR Imaging Findings** *RADIOLOGY*

  Carrino, J. A., Lurie, J. D., Tosteson, A. N., Tosteson, T. D., Carragee, E. J., Kaiser, J., Grove, M. R., Blood, E., Pearson, L. H., Weinstein, J. N., Herzog, R.

  2009; 250 (1): 161-170

- **Is the self-reported history accurate in patients with persistent axial pain after a motor vehicle accident?** *SPINE JOURNAL*

  Don, A. S., Carragee, E. J.

  2009; 9 (1): 4-12

- **Management of low back pain** *BRITISH MEDICAL JOURNAL*

  Cohen, S. P., Argoff, C. E., Carragee, E. J.

  2008; 337

- **Does acute placement of instrumentation in the treatment of vertebral osteomyelitis predispose to recurrent infection - Long-term follow-up in immune-suppressed patients** *SPINE*

  Carragee, E., Iezza, A.

  2008; 33 (19): 2089-2093

- **Reliability of readings of magnetic resonance imaging features of lumbar spinal stenosis** *SPINE*

  Lurie, J. D., Tosteson, A. N., Tosteson, T. D., Carragee, E., Carrino, J., Kaiser, J., Sequeiros, R. T., Lecomte, A. R., Grove, M. R., Blood, E. A., Pearson, L. H., Weinstein, J. N., Herzog, et al

  2008; 33 (14): 1605-1610

- **Reliability of magnetic resonance imaging readings for lumbar disc herniation in the Spine Patient Outcomes Research Trial (SPORT)** *SPINE*

  Lurie, J. D., Tosteson, A. N., Tosteson, T. D., Carragee, E., Carrino, J., Kaiser, J., Sequeiros, R. T., Lecomte, A. R., Grove, M. R., Blood, E. A., Pearson, L. H., Herzog, R., Weinstein, et al

  2008; 33 (9): 991-998

- **Assessment of neck pain and its associated disorders - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Nordin, M., Carragee, E. J., Hogg-Johnson, S., Weine, S. S., Hurwitz, E. L., Peloso, P. M., Guzman, J., van der Velde, G., Carroll, L. J., Holm, L. W., Cote, P., Cassidy, J. D., Haldeman, et al

  2008; 17: S101-S122

- **Treatment of neck pain - Injections and surgical interventions: Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Carragee, E. J., Hurwitz, E. L., Cheng, I., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P., Holm, L. W., Cote, P., Hogg-Johnson, S., van der Velde, G., Cassidy, J. D., Haldeman, et al

  2008; 17: S153-S169

- **Treatment of neck pain: Noninvasive interventions - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Hurwitz, E. L., Carragee, E. J., van der Velde, G., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P. M., Holm, L. W., Cote, P., Hogg-Johnson, S., Cassidy, J. D., Haldeman, S.

  2008; 17: S123-S152

- **The burden and determinants of neck pain in whiplash-associated disorders after traffic collisions - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Holm, L. W., Carroll, L. J., Cassidy, J. D., Hogg-Johnson, S., Cote, P., Guzman, J., Peloso, P., Nordin, M., Hurwitz, E., van der Velde, G., Carragee, E., Haldeman, S.

  2008; 17: S52-S59

- **Course and prognostic factors for neck pain in whiplash-associated disorders (WAD) - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Carroll, L. J., Holm, L. W., Hogg-Johnson, S., Cote, P., Cassidy, J. D., Haldeman, S., Nordin, M., Hurwitz, E. L., Carragee, E. J., van der Velde, G., Peloso, P. M., Guzman, J.

  2008; 17: S83-S92

- **The burden and determinants of neck pain in the general population - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Hogg-Johnson, S., van der Velde, G., Carroll, L. J., Holm, L. W., Cassidy, J. D., Guzman, J., Cote, P., Haldeman, S., Ammendolia, C., Carragee, E., Hurwitz, E., Nordin, M., Peloso, et al

  2008; 17: S39-S51

- **Course and prognostic factors for neck pain in workers - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Carroll, L. J., Hogg-Johnson, S., Cote, P., van der Velde, G., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Peloso, P. M., Cassidy, J. D., Guzman, J., Nordin, M., Haldeman, S.

  2008; 17: S93-S100

- **Research priorities and methodological implications - The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Carroll, L. J., Hurwitz, E. L., Cote, P., Hogg-Johnson, S., Carragee, E. J., Nordin, M., Holm, L. W., van der Velde, G., Cassidy, J. D., Guzman, J., Peloso, P. M., Haldeman, S.

  2008; 17: S214-S220

- **Clinical practice implications of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders - From concepts and findings to recommendations** *EUROPEAN SPINE JOURNAL*

  Guzman, J., Haldeman, S., Carroll, L. J., Carragee, E. J., Hurwitz, E. L., Peloso, P., Nordin, M., Cassidy, J. D., Holm, L. W., Cote, P., van der Velde, G., Hogg-Johnson, S.

  2008; 17: S199-S213

- **Methods for the best evidence synthesis on neck pain and its associated disorders - The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

Carroll, L. J., Cassidy, J. D., Peloso, P. M., Giles-Smith, L., Cheng, C. S., Greenhalgh, S. W., Haldeman, S., van der Velde, G., Hurwitz, E. L., Cote, P., Nordin, M., Hogg-Johnson, S., Holm, et al

2008; 17: S33-S38

- **Course and prognostic factors for neck pain in the general population - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Carroll, L. J., Hogg-Johnson, S., van der Velde, G., Haldeman, S., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Cote, P., Nordin, M., Peloso, P. M., Guzman, J., Cassidy, J. D.

  2008; 17: S75-S82

- **A new conceptual model of neck pain - Linking onset, course, and care: The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Guzman, J., Hurwitz, E. L., Carroll, L. J., Haldeman, S., Cote, P., Carragee, E. J., Peloso, P. M., van der Velde, G., Holm, L. W., Hogg-Johnson, S., Nordin, M., Cassidy, J. D.

  2008; 17: S14-S23

- **The burden and determinants of neck pain in workers - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *EUROPEAN SPINE JOURNAL*

  Cote, P., van der Velde, G., Cassidy, J. D., Carroll, L. J., Hogg-Johnson, S., Holm, L. W., Carragee, E. J., Haldeman, S., Nordin, M., Hurwitz, E. L., Guzman, J., Peloso, P. M.

  2008; 17: S60-S74

- **Validity of self-reported history in patients with acute back or neck pain after motor vehicle accidents** *SPINE JOURNAL*

  Carragee, E. J.

  2008; 8 (2): 311-319

- **Course and prognostic factors for neck pain in workers - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*

  Carroll, L. J., Hogg-Johnson, S., Cote, P., van der Velde, G., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Peloso, P. M., Cassidy, J. D., Guzman, J., Nordin, M., Haldeman, S.

  2008; 33 (4): S93-S100

- **The burden and determinants of neck pain in workers - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*

  Cote, P., van der Velde, G., Cassidy, J. D., Carroll, L. J., Hogg-Johnson, S., Holm, L. W., Carragee, E. J., Haldeman, S., Nordin, M., Hurwitz, E. L., Guzman, J., Peloso, P. M.

  2008; 33 (4): S60-S74

- **Methods for the best evidence synthesis on neck pain and its associated disorders - The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*

  Carroll, L. J., Cassidy, J. D., Peloso, P. M., Giles-Smith, L., Cheng, C. S., Greenhalgh, S. W., Haldeman, S., van der Velde, G., Hurwitz, E. L., Cote, P., Nordin, M., Hogg-Johnson, S., Holm, et al

  2008; 33 (4): S33-S38

- **The burden and determinants of neck pain in the general population - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*

  Hogg-Johnson, S., van der Velde, G., Carroll, L. J., Holm, L. W., Cassidy, J. D., Guzman, J., Cote, P., Haldeman, S., Ammendolia, C., Carragee, E., Hurwitz, E., Nordin, M., Peloso, et al

  2008; 33 (4): S39-S51

- **Research priorities and methodological implications - The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*

  Carroll, L. J., Hurwitz, E. L., Cote, P., Hogg-Johnson, S., Carragee, E. J., Nordin, M., Holm, L. W., van der Velde, G., Cassidy, J. D., Guzman, J., Peloso, P. M., Haldeman, S.

  2008; 33 (4): S214-S220

- **Clinical practice implications of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders - From concepts and findings to recommendations** *SPINE*

  Guzman, J., Haldeman, S., Carroll, L. J., Carragee, E. J., Hurwitz, E. L., Peloso, P., Nordin, M., Cassid, J. D., Holm, L. W., Cote, P., van der Velde, G., Hogg-Johnson, S.

  2008; 33 (4): S199-S213

- **Treatment of neck pain: Noninvasive interventions - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Hurwitz, E. L., Carragee, E. J., van der Velde, G., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P. M., Holm, L. W., Cote, P., Hogg-Johnson, S., Cassidy, J. D., Haldeman, S.
  2008; 33 (4): S123-S152

- **Course and prognostic factors for neck pain in the general population - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Carroll, L. J., Hogg-Johnson, S., van der Velde, G., Haldeman, S., Holm, L. W., Carragee, E. J., Hurwitz, E. L., Cote, P., Nordin, M., Peloso, P. M., Guzman, J., Cassidy, J. D.
  2008; 33 (4): S75-S82

- **Assessment of neck pain and its associated disorders - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Nordin, M., Carragee, E. J., Hogg-Johnson, S., Weiner, S. S., Hurwitz, E. L., Peloso, P. M., Guzman, J., van der Velde, G., Carroll, L. J., Holm, L. W., Cote, P., Cassidy, J. D., Haldeman, et al
  2008; 33 (4): S101-S122

- **Course and prognostic factors for neck pain in whiplash-associated disorders (WAD) - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Carroll, L. J., Holm, L. W., Hogg-Johnson, S., Cote, P., Cassidy, J. D., Haldeman, S., Nordin, M., Hurwitz, E. L., Carragee, E. J., van der Velde, G., Peloso, P. M., Guzman, J.
  2008; 33 (4): S83-S92

- **A new conceptual model of neck pain - Linking onset, course, and care: The bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Guzman, J., Hurwitz, E. L., Carroll, L. J., Haldeman, S., Cote, P., Carragee, E. J., Peloso, P. M., van der Velde, G., Holm, L. W., Hogg-Johnson, S., Nordin, M., Cassidy, J. D.
  2008; 33 (4): S14-S23

- **The burden and determinants of neck pain in whiplash-associated disorders after traffic collisions - Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Holm, L. W., Carroll, L. J., Cassidy, J. D., Hogg-Johnson, S., Cote, P., Guzman, J., Peloso, P., Nordin, M., Hurwitz, E., van der Velde, G., Carragee, E., Haldeman, S.
  2008; 33 (4): S52-S59

- **Treatment of neck pain - Injections and surgical interventions: Results of the bone and joint decade 2000-2010 task force on neck pain and its associated disorders** *SPINE*
  Carragee, E. J., Hurwitz, E. L., Cheng, I., Carroll, L. J., Nordin, M., Guzman, J., Peloso, P., Holm, L. W., Cote, P., Hogg-Johnson, S., van der Velde, G., Cassidy, J. D., Haldeman, et al
  2008; 33 (4): S153-S169

- **A brief overview of evidence-informed management of chronic low back pain with surgery** *SPINE JOURNAL*
  Don, A. S., Carragee, E.
  2008; 8 (1): 258-265

- **The functional anaesthetic discogram: description of a novel diagnostic technique and report of 3 cases.** *SAS journal*
  Alamin, T., Malek, F., Carragee, E., Kim, M.
  2008; 2 (2): 107-113

- **Occupational and genetic risk factors associated with intervertebral disc disease** *SPINE*
  Battie, M. C., Videman, T., Carragee, E. J.
  2007; 32 (25): 2926

- **The efficacy of repeat intradiscal electrothermal therapy** *ANESTHESIA AND ANALGESIA*
  Cohen, S. P., Shockey, S. M., Carragee, E. J.
  2007; 105 (2): 495-498

- **Provocative discography and lumbar fusion - Is preoperative assessment of adjacent discs useful? Point of view** *SPINE*
  Carragee, E. J.
  2007; 32 (10): 1100

- **Mini-symposium: Frontiers in spine surgery (ii) The role of surgery in low back pain** *CURRENT ORTHOPAEDICS*
  Carragee, E. J.
  2007; 21 (1): 9-16
- **Re: Carragee EJ, Lincoln T, Parmar VS, et al. A gold standard evaluation of the 'discogenic pain' diagnosis as determined by provocative discography. Spine 2006; 31 : 2115-23. In repsonse** *SPINE*
  Carragee, E. J.
  2007; 32 (2): 288–89
- **The pyrite standard: the Midas touch in the diagnosis of axial pain syndromes.** *spine journal*
  Carragee, E. J., Haldeman, S., Hurwitz, E.
  2007; 7 (1): 27-31
- **Does minor trauma cause serious low back illness?** *SPINE*
  Carragee, E., Alamin, T., Cheng, I., Franklin, T., Hurwitz, E.
  2006; 31 (25): 2942-2949
- **Surgical treatment of lumbar disk disorders** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Carragee, E.
  2006; 296 (20): 2485–87
- **Are first-time episodes of serious LBP associated with new MRI findings?** *spine journal*
  Carragee, E., Alamin, T., Cheng, I., Franklin, T., van den Haak, E., Hurwitz, E.
  2006; 6 (6): 624-635
- **Surgical treatment for unstable low-grade isthmic spondylolisthesis in adults: a prospective controlled study of posterior instrumented fusion compared with combined anterior-posterior fusion.** *spine journal*
  Swan, J., Hurwitz, E., Malek, F., van den Haak, E., Cheng, I., Alamin, T., Carragee, E.
  2006; 6 (6): 606-614
- **A gold standard evaluation of the "discogenic pain" diagnosis as determined by provocative discography** *SPINE*
  Carragee, E. J., Lincoln, T., Parmar, V. S., Alamin, T.
  2006; 31 (18): 2115-2123
- **A prospective controlled study of limited versus subtotal posterior discectomy: Short-term outcomes in patients with herniated lumbar intervertebral discs and large posterior anular defect** *SPINE*
  Carragee, E. J., Spinnickie, A. O., Alamin, T. F., Paragioudakis, S.
  2006; 31 (6): 653-657
- **Low-pressure positive discography in subjects asymptomatic of significant low back pain illness** *SPINE*
  Carragee, E. J., Alamin, T. F., Carragee, J. M.
  2006; 31 (5): 505-509
- **The surgical treatment of disc degeneration: is the race not to the swift?** *spine journal*
  Carragee, E. J.
  2005; 5 (6): 587-588
- **Clinical practice. Persistent low back pain.** *New England journal of medicine*
  Carragee, E. J.
  2005; 352 (18): 1891-1898
- **Persistent low back pain** *NEW ENGLAND JOURNAL OF MEDICINE*
  Carragee, E. J.
  2005; 352 (18): 1891-1898
- **Discographic, MRI and psychosocial determinants of low back pain disability and remission: a prospective study in subjects with benign persistent back pain.** *spine journal*
  Carragee, E. J., Alamin, T. F., Miller, J. L., Carragee, J. M.
  2005; 5 (1): 24-35

- **Transforaminal epidural steroid delivery and diagnosing the level of nerve root pathology: comments on Baker et al., Pain 103/1-2, 2003** *PAIN*
  Cohen, S. P., Larkin, T. M., Carragee, E.
  2004; 109 (3): 526–27
- **Prospective controlled study of the development of lower back pain in previously asymptomatic subjects undergoing experimental discography** *SPINE*
  Carragee, E. J., Barcohana, B., Alamin, T., van den Haak, E.
  2004; 29 (10): 1112-1117
- **Diagnostic evaluation of low back pain** *ORTHOPEDIC CLINICS OF NORTH AMERICA*
  Carragee, E. J., Hannibal, M.
  2004; 35 (1): 7-?
- **Development of lumbar high intensity zone on axial loaded magnetic resonance imaging - Point of view** *SPINE*
  Carragee, E.
  2003; 28 (21): E451–E452
- **Novel technique for delivery of epidural steroids and diagnosing the level of nerve root pathology** *JOURNAL OF SPINAL DISORDERS & TECHNIQUES*
  Larkin, T. M., Carragee, E., Cohen, S.
  2003; 16 (2): 186-192
- **Clinical outcomes after lumbar discectomy for sciatica: the effects of fragment type and anular competence.** *journal of bone and joint surgery. American volume*
  Carragee, E. J., Han, M. Y., Suen, P. W., Kim, D.
  2003; 85-A (1): 102-108
- **Clinical outcomes after lumbar discectomy for sciatica: The effects of fragment type and anular competence** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
  Carragee, E. J., Han, M. Y., Suen, P. W., Kim, D.
  2003; 85A (1): 102-108
- **Indications for lumbar microdiskectomy.** *Instructional course lectures*
  Carragee, E.
  2002; 51: 223-228
- **Provocative discography in volunteer subjects with mild persistent low back pain.** *spine journal*
  Carragee, E. J., Alamin, T. F., Miller, J., Grafe, M.
  2002; 2 (1): 25-34
- **Discography. a review.** *spine journal*
  Carragee, E. J., Alamin, T. F.
  2001; 1 (5): 364-372
- **Psychological screening in the surgical treatment of lumbar disc herniation** *CLINICAL JOURNAL OF PAIN*
  Carragee, E. J.
  2001; 17 (3): 215-219
- **Psychological and functional profiles in select subjects with low back pain.** *spine journal*
  Carragee, E. J.
  2001; 1 (3): 198-204
- **Changes in posterior disc bulging and intervertebral foraminal size associated with flexion-extension movement: a comparison between L4-5 and L5-S1 levels in normal subjects.** *spine journal*
  Fredericson, M., Lee, S. U., Welsh, J., Butts, K., Norbash, A., Carragee, E. J.
  2001; 1 (1): 10-17
- **Provocative discography in patients after limited lumbar discectomy - A controlled, randomized study of pain response in symptomatic and asymptomatic subjects** *SPINE*
  Carragee, E. J., Chen, Y., Tanner, C. M., Truong, T., Lau, E., BRITO, J. L.

2000; 25 (23): 3065-3071

- **2000 Volvo Award Winner in Clinical Studies - Lumbar high-intensity zone and discography in subjects without low back problems** *SPINE*
  Carragee, E. J., Paragioudakis, S. J., Khurana, S.
  2000; 25 (23): 2987-2992
- **Can discography cause long-term back symptoms in previously asymptomatic subjects?** *SPINE*
  Carragee, E. J., Chen, Y., Tanner, C. M., Hayward, C., Rossi, M., Hagle, C.
  2000; 25 (14): 1803-1808
- **The rates of false-positive lumbar discography in select patients without low back symptoms** *SPINE*
  Carragee, E. J., Tanner, C. M., Khurana, S., Hayward, C., Welsh, J., Date, E., Truong, T., Rossi, M., Hagle, C.
  2000; 25 (11): 1373-1380
- **Is lumbar discography a determinate of discogenic low back pain: provocative discography reconsidered.** *Current review of pain*
  Carragee, E. J.
  2000; 4 (4): 301-308
- **False-positive findings on lumbar discography - Reliability of subjective concordance assessment during provocative disc injection** *SPINE*
  Carragee, E. J., Tanner, C. M., Yang, B., BRITO, J. L., Truong, T.
  1999; 24 (23): 2542-2547
- **Activity restrictions after posterior lumbar discectomy - A prospective study of outcomes in 152 cases with no postoperative restrictions** *SPINE*
  Carragee, E. J., Han, M. Y., Yang, B., Kim, D. H., Kraemer, H., Billys, J.
  1999; 24 (22): 2346-2351
- **Pain control and cultural norms and expectations after closed femoral shaft fractures.** *American journal of orthopedics (Belle Mead, N.J.)*
  Carragee, E. J., VITTUM, D., Truong, T. P., Burton, D.
  1999; 28 (2): 97-102
- **The clinical use of erythrocyte sedimentation rate in pyogenic vertebral osteomyelitis** *SPINE*
  Carragee, E. J., Kim, D., VANDERVLUGT, T., VITTUM, D.
  1997; 22 (18): 2089-2093
- **Single-level posterolateral arthrodesis, with or without posterior decompression, for the treatment of isthmic spondylolisthesis in adults. A prospective, randomized study.** *journal of bone and joint surgery. American volume*
  Carragee, E. J.
  1997; 79 (8): 1175-1180
- **Single-level posterolateral arthrodesis, with or without posterior decompression, for the treatment of isthmic spondylolisthesis in adults - A prospective, randomized study** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
  Carragee, E. J.
  1997; 79A (8): 1175-1180
- **Instrumentation of the infected and unstable spine: A review of 17 cases from the thoracic and lumbar spine with pyogenic infections** *JOURNAL OF SPINAL DISORDERS*
  Carragee, E. J.
  1997; 10 (4): 317-324
- **A prospective analysis of magnetic resonance imaging findings in patients with sciatica and lumbar disc herniation - Correlation of outcomes with disc fragment and canal morphology** *SPINE*
  Carragee, E. J., Kim, D. H.
  1997; 22 (14): 1650-1660
- **Pyogenic vertebral osteomyelitis.** *journal of bone and joint surgery. American volume*
  Carragee, E. J.
  1997; 79 (6): 874-880
- **Pyogenic vertebral osteomyelitis** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*

Carragee, E. J.
1997; 79A (6): 874-880

- **The clinical use of magnetic resonance imaging in pyogenic vertebral osteomyelitis** *SPINE*
  Carragee, E. J.
  1997; 22 (7): 780-785

- **Wound care after posterior spinal surgery - Does early bathing affect the rate of wound complications?** *SPINE*
  Carragee, E. J., VITTUM, D. W.
  1996; 21 (18): 2160-2162

- **Are postoperative activity restrictions necessary after posterior lumbar discectomy? A prospective study of outcomes in 50 consecutive cases** *SPINE*
  Carragee, E. J., Helms, E., OSULLIVAN, G. S.
  1996; 21 (16): 1893-1897

- **Untitled** *SPINE*
  Carragee, E. J.
  1996; 21 (6): 776

- **SPONDYLOLISTHESIS IN THE YOUNG ATHLETE** *PHYSICIAN AND SPORTSMEDICINE*
  Comstock, C. P., Carragee, E. J., OSULLIVAN, G. S.
  1994; 22 (12): 39-?

- **INCREASED RATES OF COMPLICATIONS IN PATIENTS WITH SEVERE ANKLE FRACTURES FOLLOWING INTERINSTITUTIONAL TRANSFERS** *JOURNAL OF TRAUMA-INJURY INFECTION AND CRITICAL CARE*
  Carragee, E. J., CSONGRADI, J. J.
  1993; 35 (5): 767-771

- **Pudendal nerve palsy after femoral intramedullary nailing.** *Journal of orthopaedic trauma*
  Kao, J. T., Burton, D., Comstock, C., McClellan, R. T., Carragee, E.
  1993; 7 (1): 58-63

- **SCIATICA - TREATING A PAINFUL SYMPTOM** *PHYSICIAN AND SPORTSMEDICINE*
  Davis, A. A., Carragee, E. J.
  1992; 20 (1): 126-?

- **EARLY COMPLICATIONS IN THE OPERATIVE TREATMENT OF ANKLE FRACTURES - INFLUENCE OF DELAY BEFORE OPERATION** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
  Carragee, E. J., CSONGRADI, J. J., BLECK, E. E.
  1991; 73 (1): 79-82

- **REPETITIVE TRAUMA AND NERVE COMPRESSION** *ORTHOPEDIC CLINICS OF NORTH AMERICA*
  Carragee, E. J., Hentz, V. R.
  1988; 19 (1): 157-164