Research

Whiplash Research

EVIDENCE leads our treatment protocols! When there is a gap in the current research, we do our best to write it! Here is some of the research that some of our staff are currently engaged in or have published.

<table>
<thead>
<tr>
<th>Title of Study</th>
<th>How Do I learn more?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effectiveness of Conservative Multimodal Physiotherapy vs Usual Care in Chronic Whiplash-Associated Disorders With Facet-mediated Pain Undergoing Platelet Rich Plasma (PRP) treatment: A Series of Single Case Experimental Designs (SCEDs)</td>
<td>Ask at front desk to learn more about this research project</td>
</tr>
<tr>
<td>Does our brain function better after facet joint injections when pain is relieved?</td>
<td>Ask at front desk to learn more about this research project</td>
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</tbody>
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Publications

Peer Reviewed Journal Articles


**Peer Reviewed Journal Abstracts**


**Peer Reviewed - Other (Proceedings of Meetings)**


Non Peer Reviewed Journal Articles


Submitted for Publication - Book Chapters

Smith A. Is a Tissue Lesion Important for Symptom Maintenance? Grieve’s Modern Manual Therapy: The Veteranal Column

Submitted for Publication - Journal Articles

Smith A, Jull G, Schneider G, Frizzell B, Hooper A, Sterling M. Low Pain Catastrophization and Disability Predicts Successful Outcome to Radiofrequency Neurotomy in Individuals with Chronic Whiplash (Submitted April 26, 2014)

Whiplash Associated Disorders: A Prospective Study of the Time Course of Effects of Cervical Medial Branch Radiofrequency Neurotomies on Sensory, Motor and Psychological Features of the Disorder


Quantitative Sensory Test Results in Thoracic Syrinx Clients following High Speed Motor Vehicle Collisions. Smith A, Hooper A.

Altered Breathing Chemistry in Chronic Whiplash and Associated Disorder Patients Presenting with Sensory Hypersensitivity. Smith A, Jasper L, Schneider G

Presentations at Meetings - Invited

Schneider, G. Myofascial Pain. 2018 Cumming School of Medicine Family Practice Review.

Smith A. My Back Hurts! Disc Herniation, or Internal Disc Disruption? AKA Do MRI Results Matter? 2013 Orthopaedic Division Symposium

Smith A. Measuring Pain – Is QST a Possibility? 2013 Canadian Pain Sciences Division National Teleconference

Smith A. Chronic Whiplash Symptoms: Can we reverse the ‘irreversible?’ 2013 Northwestern University Feinberg School of Medicine and Rehabilitation Institute of Chicago. Evidence-Based Solutions for Improving Cervical Spine Health and Function

Smith A. Neuropathic Pain & Central Sensitization – Diagnosis and Management for the Allied Health Care Practitioner. 2013 Alberta College of Occupational Therapists

Smith A. Gretton A. Whiplash (WAD) Injuries - Focus on Assessment, Treatment & Implications for Recovery. 2011: 56th Annual Scientific Assembly; Alberta College of Family Physicians

Smith A. Gretton A. Whiplash Injuries – Classification and Implications for Recovery. 2010: Alberta Physician Practice & Review

Smith A. The Cap: The Law and The Medicine. 2010 ACTLA Seminar

Smith A. Whiplash – Prognosis and Reporting. 2010: Alberta College of Occupational Therapists


Submitted for Publication - Journal Articles
Smith A. The Role of Radiofrequency Neurotomy in Chronic Whiplash and Associated Disorders. Podium Presentation. 2009: CPA National Congress


Smith A. Myths of Whiplash; Biomechanics and Biophysics of Motor Vehicle Collisions; Evidence-Based Physiotherapy for the Motor Vehicle Collision Client. 2005: Alberta Evidence-Based Whiplash Conference

**Contributed - Peer Reviewed**


Smith A. Individuals With Chronic Whiplash Symptoms Displaying Widespread Sensory Hypersensitivity Successfully Respond to Cervical Radiofrequency Neurotomy. 2014 Canadian Pain Society Meeting

Smith A, Scott W, Barton P. Biopsychosocial influences on chronic pain following whiplash injury: What do evidence and experience teach us about modulating the symptoms of chronic whiplash? 2014 Canadian Pain Society Meeting


Smith A, Jull G, Schneider G, Frizzell B, Hooper A, Sterling M. Cervical Radiofrequency Neurotomy Reduces Psychological Distress and Pain Catastrophization, but Not Post-Traumatic Stress in Individuals with Chronic WAD. 2013 Canadian Pain Society Meeting

Smith A. Cervical Radiofrequency Neurotomy Reduces Widespread Sensory Hypersensitivity in Persistent WAD. 2012: International Spine Intervention Society – 20th Annual Scientific Meeting


Walton D, Smith A, Sterling M. Properties of the SLANSS Tool for Assessment and Prognosis in Whiplash. 2011 CPA National Congress Meeting

Schneider G, Smith A. Causation – “The Chicken or the Egg?”: Epidemiological Aspects of Whiplash Associated Disorders for Physiotherapists in the Medical Legal Setting. 2010 CPA National Congress Meeting

Smith A, Schneider G, Schneider K, Fonstad P. Chronic Whiplash Associated Disorders: Is a cure possible after six months? The role of physiotherapy within a multidisciplinary, primary care centre. The Role of RadioFrequency Neurotomy in Chronic Whiplash and Associated Disorders Patient. 2009 CPA National Congress Meeting


**Invited Papers**

2011: 56th Annual Scientific Assembly; Alberta College of Family Physicians: Whiplash (WAD) Injuries - Focus on Assessment, Treatment & Implications for Recovery
2009: Calgary Chronic Pain Conference: Whiplash - The Epidemic: Clinical Assessment
2009: CPA National Congress - Chronic Whiplash Associated Disorders: Is a cure possible after six months? The role of physiotherapy within a multidisciplinary, primary care centre. Podium Presentation
2009: CPA National Congress - The Role of RadioFrequency Neurotomy in Chronic Whiplash and Associated Disorders. Podium Presentation
2008: Canadian Physiotherapy Association National Orthopaedic Symposium: Chronic Whiplash-Associated Disorder (WAD) Patients & Sensory Hypersensitivity: Prognosis and Detection Utilising Physical and Psychological Laboratory Measures
2005: Alberta Evidence-Based Whiplash Conference - Myths of Whiplash; Biomechanics and Biophysics of Motor Vehicle Collisions; Evidence-Based Physiotherapy for the Motor Vehicle Collision Client.