

## Differential Diagnosis Between the Spine and Shoulder Utilizing MDT

### REFERENCES

---

1. Abdulwahab SS, Sabbahi M. Neck Retractions, Cervical Root Decompression, and Radicular Pain. *JOSPT* 2000; 30: 4-12.
2. Aina A, May S. Case report: A shoulder derangement. *Manual Therapy* 2005; 10: 159-163.
3. Aytona MC, Dudley K. Rapid resolution of chronic shoulder pain classified as derangement using the McKenzie method: a case series. *J Man Manip Ther* 2013; 21: 207-212.
4. Berglund KM, Persson BH, Denison E. Prevalence of pain and dysfunction in the cervical and thoracic spine in persons with and without lateral elbow pain. *Man Ther* 2008; 13: 295-299.
5. Bogduk N. The anatomy and pathophysiology of neck pain. *Phys Med Rehabil Clin N Am* 2011; 22: 367-82, vii.
6. Bogduk N. The neck and headaches. *Neurol Clin* 2014; 32: 471-487.
7. Brinjikji W, Luetmer PH, Comstock B et al. Systematic literature review of imaging features of spinal degeneration in asymptomatic populations. *AJNR Am J Neuroradiol* 2015; 36: 811-816.
8. Cleland JA, Childs JD, Fritz JM, Whitman JM, Eberhart SL. Development of a Clinical Prediction Rule for Guiding Treatment of a Subgroup of Patients With Neck Pain: Use of a Thoracic Spine Manipulation, Exercise, and Patient Education. *Physical Therapy* 2007; 87: 9-23.
9. Cleland JA, Glynn P, Whitman JM, Eberhart SL, MacDonald C, Childs JD. Short-Term Effects of Thrust Versus Nonthrust Mobilization/Manipulation Directed at the Thoracic Spine in Patients With Neck Pain. *Physical Therapy* 2007; 87: 431-440.
10. Cleland JA, Mintken PE, Carpenter K et al. Examination of a Clinical Prediction Rule to Identify Patients With Neck Pain Likely to Benefit From Thoracic Spine Thrust Manipulation and a General Cervical Range of Motion Exercise: Multi-Center Randomized Clinical Trial. *Physical Therapy* 2010; 90: 1239-1250.
11. Conroy JL, Schneiders AG. Case Report The T4 Syndrome. *Manual Therapy* 2005; 10: 292-296.
12. Dunn WR, Kuhn JE, Sanders R et al. Symptoms of pain do not correlate with rotator cuff tear severity: a cross-sectional study of 393 patients with a symptomatic atraumatic full-thickness rotator cuff tear. *J Bone Joint Surg Am* 2014; 96: 793-800.
13. Edmond SL, Cutrone G, Werneke M et al. Association Between Centralization and Directional Preference and Functional and Pain Outcomes in Patients With Neck Pain. *JOSPT* 2014; 44: 68-75.
14. Hegedus EJ. Which physical examination tests provide clinicians with the most value when examining the shoulder? Update of a systematic review with meta-analysis of individual tests. *British Journal of Sports Medicine* 2012; 46: 964-978.
15. Heidar Abady A, Rosedale R, Overend TJ, Chesworth BM, Rotondi MA. Inter-examiner reliability of diplomats in the mechanical diagnosis and therapy system in assessing patients with shoulder pain. *Journal of Manual & Manipulative Therapy* 2014; 22: 199-205.
16. Herzog R, Elgort DR, Flanders AE, Moley PJ. Variability in diagnostic error rates of ten MRI centers performing lumbar spine MRI exams on the same patient within a three week period. *Spine J* 2016;
17. Kennedy DJ, Mattie R, Nguyen Q, Hamilton S, Conrad B. Glenohumeral Joint Pain Referral Patterns: A Descriptive Study. *Pain Medicine* 2015; 16: 1603-1609.
18. Kidd J. Treatment of shoulder pain utilizing mechanical diagnosis and therapy principles. *JMMT* 2013; 21: 168-173.

## Differential Diagnosis Between the Spine and Shoulder Utilizing MDT

### REFERENCES

---

19. Lewis J. Bloodletting for pneumonia, prolonged bed rest for low back pain, is subacromial decompression another clinical illusion. *Br J Sports Med* 2015; 49: 280-281.
20. Lewis JS. Rotator cuff tendinopathy/subacromial impingement syndrome: is it time for a new method of assessment. *Br J Sports Med* 2009; 43: 259-264.
21. Littlewood C, May S. Case report: A contractile dysfunction of the shoulder. *Manual Therapy* 2007; 12: 80-83.
22. May S, Chance-Larsen K, Littlewood C, Lomas D, Saadd M. Reliability of physical examination tests used in the assessment of patients with shoulder problems: a systematic review. *Physiotherapy* 2010; 96: 179-190.
23. May S, al. E. Limited clinical reasoning skills used by novice physiotherapists when involved in the assessment and management of patients with shoulder problems: a qualitative study. *Journal of Manual & Manipulative Therapy* 2010; 18: 84-88.
24. May S, Rosedale R. A Survey of the McKenzie Classification System in the Extremities: Prevalence of Mechanical Syndromes and Preferred Loading Strategies. *Physical Therapy* 2012; 92: 1175-1186.
25. May S, Ross J. The McKenzie Classification System in the Extremities: A Reliability Study Using McKenzie Assessment Forms and Experienced Clinicians. *Journal of Manipulative and Physiological Therapeutics* 2009; 32: 556-563.
26. McClatchie L, Laprade J, Martin S, Jaglal S, Richardson D, Agur A. Mobilizations of the asymptomatic cervical spine can reduce signs of shoulder dysfunction in adults. *Manual Therapy* 2009; 14: 369-374.
27. McKenzie R, May S. *The Cervical & Thoracic Spine*. Raumati Beach, New Zealand: Spinal Publications New Zealand Ltd, 2006.
28. Menon A, May S. Shoulder pain: Differential diagnosis with mechanical diagnosis and therapy extremity assessment - A case report. *Manual Therapy* 2013; 18: 354-357.
29. Minagawa H, Yamamoto N, Abe H et al. Prevalence of symptomatic and asymptomatic rotator cuff tears in the general population: From mass-screening in one village. *J Orthop* 2013; 10: 8-12.
30. Ming Z, Narhi M, Siivola J. Neck and shoulder pain related to computer use. *Pathophysiology* 2004; 11: 51-56.
31. Nakashima H, Yukawa Y, Suda K, Yamagata M, Ueta T, Kato F. Abnormal findings on magnetic resonance images of the cervical spines in 1211 asymptomatic subjects. *Spine (Phila Pa 1976)* 2015; 40: 392-398.
32. Pheasant S. Cervical contribution to functional shoulder impingement: Two case reports. *IJSPT* 2016; 11: 980-991.
33. Rudy IS, Poulos A, Owen L et al. The correlation of radiographic findings and patient symptomatology in cervical degenerative joint disease: a cross-sectional study. *Chiropr Man Therap* 2015; 23: 9.
34. Sindu BS, Lehman LA, Tarima S et al. Influence of Fear-Avoidance Beliefs on Functional Status Outcomes for People With Musculoskeletal Conditions of the Shoulder. *Physical Therapy* 2012; 92: 992-1005.
35. Takasaki H, Herbowy S. Immediate improvement in the cranio-cervical flexion test associated with MDT-based interventions: a case report. *Journal of Manual & Manipulative Therapy* 2014; 000: 1-8.
36. Teys P, Bisset L, Vicenzino B. The initial effects of a Mulligan's mobilization with movement technique on range of movement and pressure pain threshold in pain-limited shoulders. *Man Ther* 2008; 13: 37-42.

## Differential Diagnosis Between the Spine and Shoulder Utilizing MDT

### REFERENCES

---

37. Theodoridis D, Ruston S. The effect of shoulder movements on thoracic spine 3D motion. *Clinical Biomechanics* 2002; 17: 418-421.
38. Tuttle N. Do changes within a manual therapy treatment session predict between-session changes for patients with cervical spine pain? *Australian Journal of Physiotherapy* 2005; 51: 43-48.
39. Werneke M, Hart D, Resnik L, Stratford P, Reyes A. Centralization: prevalence and effect on treatment outcomes using a standardized operational definition and measurement method. *JOSPT* 2008; 38: 116-125.