

Thoracic Outlet Syndrome References listed by Year.

- 1831** Exostosis of the first rib with strong pulsations of the subclavian artery. Mayo, H. Lon Med Phys Jnl, (11): 40.
- 1861** Pressure of the axillary vessels and nerve by exostosis from a cervical rib. Interference with the circulation of the arm. Removal of the rib and exostosis. Recovery. Coote, R.H. Medical Times and Gazette, (2): 108.
- 1861** Exostosis of the left transverse process of the seventh cervical vertebra surrounded by blood vessels and nerves. Successful removal. Coote, R.H. Lancet, 1: 360-361.
- 1884** A case of spreading obliterative arteritis. Gould, A.P. Trans Clin Soc London, (17): 95.
- 1903** Lesion of first dorsal nerve root. Bramwell, F. Rev Neurol Psych, 1: 263.
- 1905** Case of Cervical Rib with Symptoms Resembling Subclavian Aneurysm. Murphy, J.B. Ann Surg, 41 (1): 399-406.
- 1907** The symptomatology, diagnosis and surgical treatment of cervical ribs. Keen, W.W. Am J Med Sci, (133): 173-218.
- 1908** The surgical importance of cervical ribs to the general practitioner. Roberts, J.B. JAMA, 51: 1126-1130.
- 1910** Brachial neuritis caused by pressure of first rib. Murphy, T. Aust Med J, 15: 582-587.
- 1911** The Relations of the Thoracic Operculum considered in reference to the Anatomy of Cervical Ribs of Surgical Importance. Todd, T.W. J Anat Physiol., 45(Part 3): 293-304.
- 1912** "Cervical Rib": Factors controlling its Presence and its Size. Its Bearing on the Morphology and Development of the Shoulder. Todd, T.W. Anat Physiol, 46 (Part 3): 244-288.
- 1913** The Arterial Lesion in Cases of "Cervical" Rib. Todd, T.W. J Anat Physiol., 47 (Part 2): 250-253.
- 1916** An Experimental Study Of Circumscribed Dilation Of An Artery Immediately Distal To A Partially Occluding Band, And Its Bearing On The Dilation Of The Subclavian Artery Observed In Certain Cases Of Cervical Rib. Halsted, W.S. Jnl of Experimental Medicine, 24: 271-286.

- 1918** Congenital Arterio-Venous and Lymphatico-Venous Fistulae. Unique Clinical and Experimental Observations. Halsted, W.S. Proc Natl Acad Sci of USA, 5 (3): 76-79.
- 1918** Dilation of the Great Arteries Distal to Partially Occluding Bands. Halsted, W.S. Proc Natl Acad Sci of USA, 4 (7): 204-210.
- 1919** Compression of the lower trunk of the brachial plexus by a first dorsal rib. With a note on the surgical treatment. Stopford, J.S.B. and Telford, E.D. Brit J Surg, 7 (26).
- 1920** Adventitious Ligaments Simulating Cervical Ribs. Law, A.A. Ann Surg, 2: 497.
- 1927** Cervical Rib; A Method of Anterior Approach for Relief of Symptoms by Division of the Scalenus Anticus. Adson, A.W. and Coffey, J.R. Annals of Surgery, 85: 839.
- 1931** The Vascular Complications of the Cervical Rib. Telford, E.D. and Stopford, J.S.B. Br J Surg, 18 (59): 557.
- 1937** The scalenus syndrome. Naffziger, H.C. Surgery, Gynecology and Obstetrics, 64: 19-20.
- 1938** Neuritis of Brachial Plexus Mechanical in Origin: Scalenus Syndrome. Naffziger, H.C. and Grant, W.T. Surg Gynecol and Obstet, 67: 722.
- 1939** The Scalenus Anticus Syndrome with and without Cervical Rib. Donald, J.M. and Morton, B.F. Annals of Surgery, 111 (5): 709-723.
- 1943** Costoclavicular compression of the subclavian artery and vein. Relation to the scalenus anticus syndrome. Falconer, M.A. and Weddell, G. Lancet, 2: 539-543.
- 1944** Scalenus Anticus Syndrome; Types; Their Characterization, Diagnosis and Treatment. Swank, R.L. and Simeone, F.A. Arch Neurol and Psych, 51: 432.
- 1945** The neurovascular syndrome produced by hyperabduction of the arms: the immediate changes produced in 15 normal controls, and the effects on some persons of prolonged hyperabduction of the arms, as in sleeping, and certain occupations. Wright, I.S. Am Heart J, 29: 1.
- 1948** The Distribution of Sympathetic Fibres in the Brachial Plexus in Man. Sunderland, S. Brain, 71 (1): 88-102.
- 1948** Pressure at the Cervico-Brachial Junction: An Operative and Anatomical Study. Telford, E.D. and Mottershead, S. Jnl of Bone and Jt Surg, 30B (249-265).
- 1951** The Hyperabduction Syndrome: With Special Reference to Its Relationship to Raynaud's Syndrome. Beyer, J.A. and Wright, I.S. Circulation, 4: 161-172.

- 1953** Surgical management of shoulder girdle syndromes; new operative procedure for hyperabduction, costoclavicular, cervical rib, and scalenus anticus syndromes. Lord, J.W., Jr. AMA Arch Surg, 66 (1): 69-83.
- 1956** Thoracic-outlet syndrome: evaluation of a therapeutic exercise program. Peet, R.M., et al. Mayo Clin Proc, 31 (9): 281-7.
- 1962** Resection of the first rib in costoclavicular compression of the brachial plexus. Falconer, M.A. and Li, F.W. Lancet, 1: 59-63.
- 1968** Intermittent subclavian vein obstruction without thrombosis. Adams, J.T., et al. Surgery, 63: 147-165.
- 1970** Wasting of the hand associated with a cervical rib or band. Gilliatt, R.W., et al. J Neurol Neurosurg Psychiatry, 33 (5): 615-24.
- 1971** Experience with first rib resection for thoracic outlet syndrome. Roos, D.B. Ann Surg, 173 (3): 429-42.
- 1972** First Rib Resection in the Treatment of Thoracic Outlet Syndrome: Transaxillary and Posterior Thoracoplasty Approaches. Roeder, D.K., et al. Annals of Surgery, 178 (1): 49-52.
- 1973** Posttraumatic thoracic outlet syndrome. Mulder, D.S., Greenwood, F.A., and Brooks, C.E. J Trauma, 13 (8): 706-15.
- 1975** Management of thoracic outlet syndrome. Dale, W.A. and Lewis, M.R. Ann Surg, 181 (5): 575-85.
- 1975** Thoracic Outlet Compression Syndrome. Kremer, R.M. and Ahlquist, R.E. American Journal of Surgery, 175: 612-615.
- 1976** Congenital anomalies associated with thoracic outlet syndrome. Anatomy, symptoms, diagnosis, and treatment. Roos, D.B. Am J Surg, 132 (6): 771-8.
- 1977** Thoracic outlet syndrome in whiplash injury. Capistrant, T.D. Ann Surg, 185 (2): 175-8.
- 1977** Is rib resection necessary for relief of thoracic outlet syndrome? Stallworth, J.M., Quinn, G.J., and Aiken, A.F. Ann Surg, 185 (5): 581-92.
- 1978** Peripheral nerve conduction in patients with a cervical rib and band. Gilliatt, R.W., et al. Ann Neurol, 4 (2): 124-9.
- 1982** The place for scalenectomy and first-rib resection in thoracic outlet syndrome. Roos, D.B. Surgery, 92 (6): 1077-85.
- 1982** Non-invasive investigation of vascular compression in patients with thoracic

- outlet syndrome. Sallstrom, J. and Thulesius, O. Clin Physiol, 2 (2): 117-25.
- 1983** Thoracic outlet syndrome and the shoulder. Leffert, R.D. Clin Sports Med, 2 (2): 439-52.
- 1983** The middle scalene muscle and its contribution to the thoracic outlet syndrome. Thomas, G.I., et al. Am J Surg, 145 (5): 589-92.
- 1984** Chronic nerve compression--an experimental model in the rat. Mackinnon, S.E., et al. Ann Plast Surg, 13 (2): 112-20.
- 1984** Anatomical Bases of Transaxillary Resection of the First Rib. Nguyen, H., et al. Anat clin, 5: 221-233.
- 1984** Pathoanatomy and pathophysiology of nerve root compression. Rydevik, B., Brown, M.D., and Lundborg, G. Spine, 9 (1): 7-15.
- 1984** Diagnosis and management of thoracic outlet syndrome. Stallworth, J.M. and Horne, J.B. Arch Surg, 119 (10): 1149-51.
- 1984** Evidence for conduction delay in thoracic-outlet syndrome is challenged. Wilbourn, A.J. and Lederman, R.J. N Engl J Med, 310 (16): 1052-3.
- 1986** Surgery for thoracic outlet syndrome may be hazardous to your health. Cherington, M., et al. Muscle Nerve, 9 (7): 632-4.
- 1986** The anterior scalene muscle in thoracic outlet compression syndrome. Histochemical and morphometric studies. Machleder, H.I., Moll, F., and Verity, M.A. Arch Surg, 121 (10): 1141-4.
- 1986** Thoracic and Vascular Aspects of Thoracic Outlet Syndrome. Riddell, D.H. and Smith, B.M. Clinical Orthopaedics and Related Research, (Number 207): 31-36.
- 1987** Normal brachial plexus: MR imaging. Blair, D.N., et al. Radiology, 165 (3): 763-7.
- 1987** Edgar J. Poth Lecture. Thoracic outlet syndromes: update 1987. Roos, D. Am J Surg, 154 (6): 568-73.
- 1987** Subclavian artery aneurysm secondary to a cervical supernumerary rib in a child. Vaksman, G., Noblet, D., and Dupuis, C. Eur J Pediatr, 146 (2): 209-10.
- 1988** Proximal compressions of the upper limb neurovascular bundle. An anatomic research study. Poitevin, L.A. Hand Clin, 4 (4): 575-84.
- 1988** Brachial plexus: correlation of MR imaging with CT and pathologic findings. Rapoport, S., et al. Radiology, 167 (1): 161-5.
- 1988** Thoracic outlet syndrome. Sellke, F.W. and Kelly, T.R. Am J Surg, 156 (1): 54-7.

- 1988** Thoracic outlet syndrome surgery causing severe brachial plexopathy. Wilbourn, A.J. Muscle Nerve, 11 (1): 66-74.
- 1989** Thoracic outlet syndrome: evaluation with CT. Bilbey, J.H., et al. Radiology, 171 (2): 381-4.
- 1989** Nerves on magnetic resonance imaging. Collins, J.D., et al. J Natl Med Assoc, 81 (2): 129-34.
- 1989** The thoracic outlet syndrome: controversies, overdiagnosis, overtreatment, and recommendations for management. Cuetter, A.C. and Bartoszek, D.M. Muscle Nerve, 12 (5): 410-9.
- 1990** Scalene muscle abnormalities in traumatic thoracic outlet syndrome. Sanders, R.J., et al. Am J Surg, 159 (2): 231-6.
- 1990** Thoracic outlet syndrome--a myofascial variant: Part 2. Treatment. Sucher, B.M. J Am Osteopath Assoc, 90 (9): 810-2, 817-23.
- 1990** Thoracic outlet syndrome--a myofascial variant: Part 1. Pathology and diagnosis. Sucher, B.M. J Am Osteopath Assoc, 90 (8): 686-96, 703-4.
- 1990** The anatomy and physiology of nerve injury. Sunderland, S. Muscle Nerve, 13 (9): 771-84.
- 1991** Thoracic outlet syndrome. Neurosurgical perspective. Campbell, J.N., Naff, N.J., and Dellon, A.L. Neurosurg Clin N Am, 2 (1): 227-33.
- 1991** Effort thrombosis of the axillosubclavian vein: a disabling vascular disorder. Machleder, H.I. Compr Ther, 17 (5): 18-24.
- 1991** Thoracic Outlet Syndrome: A Common Sequella of Neck Injuries. Sanders, R.J. and Haug, C.E. JB Lippincott Co.
- 1992** Thoracic outlet syndrome: reimbursement patterns and patient profiles. Cherington, M. and Cherington, C. Neurology, 42 (5): 943-5.
- 1992** Magnetic resonance neurography. Howe, F.A., et al. Magn Reson Med, 28 (2): 328-38.
- 1992** The role of vascular damage and fibrosis in the pathogenesis of nerve root damage. Jayson, M.I. Clin Orthop Relat Res, (279): 40-8.
- 1992** Cervical rib variant: report of a case. Kosenak, L.M., et al. Ann Vasc Surg, 6 (3): 292-3.
- 1992** Thoracic outlet syndromes. Leffert, R.D. Hand Clin, 8 (2): 285-97.
- 1992** Thoracic outlet syndrome: evaluation of the subclavian vessels by color duplex

- sonography. Longley, D.G., et al. AJR Am J Roentgenol, 158 (3): 623-30.
- 1992** Developmental anomalies at the thoracic outlet: an analysis of 200 consecutive cases. Makhoul, R.G. and Machleder, H.I. J Vasc Surg, 16 (4): 534-42; discussion 542-5.
- 1993** Pain control using high-intensity pulsed magnetic stimulation. Ellis, W.V. Bioelectromagnetics, 14 (6): 553-6.
- 1993** Thoracic outlet syndromes and magnetic resonance imaging. Panegyres, P.K., et al. Brain, 116 (Pt 4): 823-41.
- 1993** MR imaging of the brachial plexus. Posniak, H.V., et al. AJR Am J Roentgenol, 161 (2): 373-9.
- 1993** Thoracic outlet syndrome--a myofascial variant: Part 3. Structural and postural considerations. Sucher, B.M. and Heath, D.M. J Am Osteopath Assoc, 93 (3): 334, 340-5.
- 1993** Brachial plexus injuries. Sunderland, S. Clin Neurol Neurosurg, 95 Suppl: S1-2.
- 1993** Thoracic outlet syndrome. Thomas, G.I. Neurology, 43 (6): 1270-1.
- 1994** Supraclavicular reoperation for neurogenic thoracic outlet syndrome. Cheng, S.W. and Stoney, R.J. J Vasc Surg, 19 (4): 565-72.
- 1994** Thoracic outlet syndromes: new concepts from a century of discovery. Machleder, H.I. Cardiovasc Surg, 2 (2): 137-45.
- 1994** Clinical commentary: pathogenesis of cumulative trauma disorder. Mackinnon, S.E. and Novak, C.B. J Hand Surg [Am], 19 (5): 873-83.
- 1995** Neurogenic thoracic outlet decompression: rationale for sparing the first rib. Cheng, S.W., et al. Cardiovasc Surg, 3 (6): 617-23; discussion: 624.
- 1995** Thoracic outlet syndromes and MRI. Cherington, M., et al. Brain, 118 (Pt 3): 819-21.
- 1995** The anatomy of the brachial plexus as displayed by magnetic resonance imaging: technique and application. Collins, J.D., Disher, A.C., and Miller, T.Q. J Natl Med Assoc, 87 (7): 489-98.
- 1995** Compromising abnormalities of the brachial plexus as displayed by magnetic resonance imaging. Collins, J.D., et al. Clin Anat, 8 (1): 1-16.
- 1995** Arterial embolism from anatomical variation at the thoracic outlet. Dovgan, P.S., et al. Clin Anat, 8 (3): 222-6.
- 1995** Arterial injuries in the thoracic outlet syndrome. Durham, J.R., et al. J Vasc Surg,

21 (1): 57-69; discussion 70.

- 1995** Anomalies at the thoracic outlet are frequent in the general population. Juvonen, T., et al. *Am J Surg*, 170 (1): 33-7.
- 1995** Thoracic Outlet Syndrome. Kline, D.G. and Hudson, A.R., in *Nerve injuries: Operative Results from Major Nerve Injuries, Entrapments, and Tumors*. W.B. Saunders Company: Philadelphia. p. 473-493.
- 1995** Thoracic outlet syndrome--a functional disturbance of the thoracic upper aperture? Lindgren, K.A., Manninen, H., and Rytönen, H. *Muscle Nerve*, 18 (5): 526-30.
- 1995** Shoulder-arm pain from cervical bands and scalene muscle anomalies. Liu, J.E., et al. *J Neurol Sci*, 128 (2): 175-80.
- 1995** Regarding "Arterial injuries in the thoracic outlet syndrome". Lord, J.W., Jr. *J Vasc Surg*, 22 (1): 124-5.
- 1995** Thoracic outlet syndrome: provocative examination maneuvers in a typical population. Rayan, G.M. and Jensen, C. *J Shoulder Elbow Surg*, 4 (2): 113-7.
- 1996** Thoracic outlet compression syndrome. Atasoy, E. *Orthop Clin North Am*, 27 (2): 265-303.
- 1996** The muscular arch of the axilla revisited: its possible role in the thoracic outlet and shoulder instability syndromes. Clarys, J.P., et al. *Man Ther*, 1 (3): 133-139.
- 1996** Lesions and nodes of the thoracic inlet. Dalley, R.W. *Semin Ultrasound CT MR*, 17 (6): 576-604.
- 1996** 770 consecutive supraclavicular first rib resections for thoracic outlet syndrome. Hempel, G.K., et al. *Ann Vasc Surg*, 10 (5): 456-63.
- 1996** MR imaging of the treated brachial plexus. Iyer, R.B., Fenstermacher, M.J., and Libshitz, H.I. *AJR Am J Roentgenol*, 167 (1): 225-9.
- 1996** Evaluation of the patient with thoracic outlet syndrome. Mackinnon, S.E. and Novak, C.B. *Semin Thorac Cardiovasc Surg*, 8 (2): 190-200.
- 1996** Thoracic outlet syndrome: a current overview. Mackinnon, S.E., Patterson, G.A., and Novak, C.B. *Semin Thorac Cardiovasc Surg*, 8 (2): 176-82.
- 1996** The brachial plexus. Mukherji, S.K., Castillo, M., and Wagle, A.G. *Semin Ultrasound CT MR*, 17 (6): 519-38.
- 1996** Thoracic outlet: an anatomical redefinition that makes clinical sense. Ranney, D. *Clin Anat*, 9 (1): 50-2.

- 1996** The thoracic inlet: normal anatomy. Reede, D.L. Semin Ultrasound CT MR, 17 (6): 509-18.
- 1996** Results of the surgical treatment for thoracic outlet syndrome. Sanders, R.J. Semin Thorac Cardiovasc Surg, 8 (2): 221-8.
- 1996** Nerve action potential recording method and equipment. Tiel, R.L., Happel, L.T., Jr., and Kline, D.G. Neurosurgery, 39 (1): 103-8; discussion 108-9.
- 1997** Aggressive fibromatosis of the neck: MR findings. Garant, M., Remy, H., and Just, N. AJNR Am J Neuroradiol, 18 (8): 1429-31.
- 1997** Diagnosis and management of arterial compression at the thoracic outlet. Gelabert, H.A. and Machleder, H.I. Ann Vasc Surg, 11 (4): 359-66.
- 1997** Scalene muscles and the brachial plexus: anatomical variations and their clinical significance. Harry, W.G., Bennett, J.D., and Guha, S.C. Clin Anat, 10 (4): 250-2.
- 1997** Helical computed tomography of the normal thoracic outlet. Matsumura, J.S., et al. J Vasc Surg, 26 (5): 776-83.
- 1997** MR imaging of the brachial plexus. Reede, D.L. Magn Reson Imaging Clin N Am, 5 (4): 897-906.
- 1997** Functional anatomy of the thoracic outlet: evaluation with spiral CT. Remy-Jardin, M., et al. Radiology, 205 (3): 843-51.
- 1997** Upper plexus thoracic outlet syndrome: optimal therapy. Urschel, H.C., Jr. and Razzuk, M.A. Ann Thorac Surg, 63 (4): 935-9.
- 1998** Dermatomal and mixed nerve somatosensory evoked potentials in the diagnosis of neurogenic thoracic outlet syndrome. Cakmur, R., et al. Electroencephalogr Clin Neurophysiol, 108 (5): 423-34.
- 1998** Cervical lung protrusions in children. Currarino, G. Pediatr Radiol, 28 (7): 533-8.
- 1998** Diagnosis of thoracic outlet syndrome using electrophysiologically guided anterior scalene blocks. Jordan, S.E. and Machleder, H.I. Ann Vasc Surg, 12 (3): 260-4.
- 1998** Thoracic Outlet Syndrome: Follow-up on 33 Cases with Regard to Vascular Compression. Lutz, B.S., Matejic, B., and Ingianni, G. Int J Angiol, 7 (3): 202-5.
- 1998** Imaging of the peripheral nervous system: evaluation of peripheral neuropathy and plexopathy. Maravilla, K.R. and Bowen, B.C. AJNR Am J Neuroradiol, 19 (6): 1011-23.
- 1998** The false-positive rate of thoracic outlet syndrome shoulder maneuvers in

- healthy subjects. Plewa, M.C. and Delinger, M. Acad Emerg Med, 5 (4): 337-42.
- 1998** Thoracic outlet syndrome. Rayan, G.M. J Shoulder Elbow Surg, 7 (4): 440-51.
- 1998** A comparative study of structures comprising the thoracic outlet in 250 human cadavers and 72 surgical cases of thoracic outlet syndrome. Redenbach, D.M. and Nelems, B. Eur J Cardiothorac Surg, 13 (4): 353-60.
- 1998** Neurovascular compression in the thoracic outlet: changing management over 50 years. Urschel, H.C., Jr. and Razzuk, M.A. Ann Surg, 228 (4): 609-17.
- 1999** Diagnosis, treatment, and complications of thoracic outlet syndrome. Abe, M., Ichinohe, K., and Nishida, J. J Orthop Sci, 4 (1): 66-9.
- 1999** Navigating the thoracic inlet. Chiles, C., Davis, K.W., and Williams, D.W., 3rd. Radiographics, 19 (5): 1161-76.
- 1999** Three-dimensional MR angiography in the evaluation of thoracic outlet syndrome. Dymarkowski, S., et al. AJR Am J Roentgenol, 173 (4): 1005-8.
- 1999** AAEM case report 33: costoclavicular mass syndrome. American Association of Electrodiagnostic Medicine. England, J.D. and Tiel, R.L. Muscle Nerve, 22 (3): 412-8.
- 1999** Proximal neuropathies of the upper extremity. Goslin, K.L. and Krivickas, L.S. Neurol Clin, 17 (3): 525-48, vii.
- 1999** Hemiplegia and contralateral upper limb claudication--a case of dual disability from pseudoaneurysm of the brachiocephalic artery: a brief report. Harvey, R.L. Am J Phys Med Rehabil, 78 (1): 56-9.
- 1999** Thoracic outlet syndrome. Results of 282 transaxillary first rib resections. Leffert, R.D. and Perlmutter, G.S. Clin Orthop Relat Res, (368): 66-79.
- 1999** Experience of supraclavicular exploration and decompression for treatment of thoracic outlet syndrome. McCarthy, M.J., et al. Ann Vasc Surg, 13 (3): 268-74.
- 1999** Thoracic outlet syndrome is underdiagnosed. Roos, D.B. Muscle Nerve, 22 (1): 126-9; discussion 137-8.
- 1999** Migraine complicated by brachial plexopathy as displayed by MRI and MRA: aberrant subclavian artery and cervical ribs. Saxton, E.H., Miller, T.Q., and Collins, J.D. J Natl Med Assoc, 91 (6): 333-41.
- 1999** Thoracic outlet syndromes. Wilbourn, A.J. Neurol Clin, 17 (3): 477-97, vi.
- 1999** Thoracic outlet syndrome is overdiagnosed. Wilbourn, A.J. Muscle Nerve, 22 (1): 130-6; discussion 136-7.

- 2000** The subclavius posticus muscle: a factor in arterial, venous or brachial plexus compression? Akita, K., et al. *Surg Radiol Anat*, 22 (2): 111-5.
- 2000** Relative ultrasonographic echogenicity of standard, dimpled, and polymeric-coated needles. Culp, W.C., et al. *J Vasc Interv Radiol*, 11 (3): 351-8.
- 2000** Thoracic outlet: anatomic correlation with MR imaging. Demondion, X., et al. *AJR Am J Roentgenol*, 175 (2): 417-22.
- 2000** Diagnosis of vascular compression at the thoracic outlet using gadolinium-enhanced high-resolution ultrafast MR angiography in abduction and adduction. Hagspiel, K.D., et al. *Cardiovasc Intervent Radiol*, 23 (2): 152-4.
- 2000** Clinical evaluation and management of work-related carpal tunnel syndrome. Herbert, R., Gerr, F., and Dropkin, J. *Am J Ind Med*, 37 (1): 62-74.
- 2000** Measuring longitudinal nerve motion using ultrasonography. Hough, A.D., Moore, A.P., and Jones, M.P. *Man Ther*, 5 (3): 173-80.
- 2000** Selective botulinum chemodenervation of the scalene muscles for treatment of neurogenic thoracic outlet syndrome. Jordan, S.E., et al. *Ann Vasc Surg*, 14 (4): 365-9.
- 2000** Electromyography in Shoulder Disorders. Khella, S. *UPOJ*, 13: 29-34.
- 2000** [True neurological thoracic outlet syndrome]. Le Forestier, N., et al. *Rev Neurol (Paris)*, 156 (1): 34-40.
- 2000** Brachial plexus nerve block with CT guidance for regional pain management: initial results. Mukherji, S.K., et al. *Radiology*, 216 (3): 886-90.
- 2000** Subclavian MR arteriography: reduction of susceptibility artifact with short echo time and dilute gadopentetate dimeglumine. Neimatallah, M.A., et al. *Radiology*, 217 (2): 581-6.
- 2000** Ultrasound-guided infraclavicular brachial plexus block: an alternative technique to anatomical landmark-guided approaches. Ootaki, C., Hayashi, H., and Amano, M. *Reg Anesth Pain Med*, 25 (6): 600-4.
- 2000** Helical CT angiography of thoracic outlet syndrome: functional anatomy. Remy-Jardin, M., et al. *AJR Am J Roentgenol*, 174 (6): 1667-74.
- 2000** Functional imaging of the thoracic outlet syndrome in an open MR scanner. Smedby, O., et al. *Eur Radiol*, 10 (4): 597-600.
- 2000** Sectional neuroanatomy of the upper limb I: brachial plexus. Taber, K.H., et al. *J Comput Assist Tomogr*, 24 (6): 983-6.

- 2000** Peripheral arterial disease: gadolinium-enhanced MR angiography versus color-guided duplex US--a meta-analysis. Visser, K. and Hunink, M.G. Radiology, 216 (1): 67-77.
- 2000** MR imaging of nontraumatic brachial plexopathies: frequency and spectrum of findings. Wittenberg, K.H. and Adkins, M.C. Radiographics, 20 (4): 1023-32.
- 2001** Nerves of the thorax: atlas of normal and pathologic findings. Aquino, S.L., Duncan, G.R., and Hayman, L.A. Radiographics, 21 (5): 1275-81.
- 2001** Outcomes after surgery for thoracic outlet syndrome. Axelrod, D.A., et al. J Vasc Surg, 33 (6): 1220-5.
- 2001** Subclavius posticus muscle: supernumerary muscle as a potential cause for thoracic outlet syndrome. Forcada, P., et al. Clin Anat, 14 (1): 55-7.
- 2001** Diagnosing thoracic outlet syndrome: contribution of provocative tests, ultrasonography, electrophysiology, and helical computed tomography in 48 patients. Gillard, J., et al. Joint Bone Spine, 68 (5): 416-24.
- 2001** Nerve injuries of the elbow, wrist, and hand in athletes. Izzi, J., et al. Clin Sports Med, 20 (1): 203-17.
- 2001** Sonographers and Occupational Overuse Syndrome: Cause, Effect, and Solutions. Jakes, C. Journal of Diagnostic Medical Sonography, 17 (6): 312-320.
- 2001** Neurogenic thoracic outlet syndrome in whiplash injury. Kai, Y., et al. J Spinal Disord, 14 (6): 487-93.
- 2001** Long-term functional outcome of neurogenic thoracic outlet syndrome in surgically and conservatively treated patients. Landry, G.J., et al. J Vasc Surg, 33 (2): 312-7; discussion 317-9.
- 2001** Outcome after thrombolysis and selective thoracic outlet decompression for primary axillary vein thrombosis. Lokanathan, R., et al. J Vasc Surg, 33 (4): 783-8.
- 2001** Helical CT angiography of thoracic outlet syndrome. Matsumura, J.S., Yao, J.S., and Nemcek, A.A., Jr. AJR Am J Roentgenol, 177 (3): 714-5.
- 2001** Long-term results of surgical decompression of thoracic outlet compression syndrome. Maxwell-Armstrong, C.A., et al. J R Coll Surg Edinb, 46 (1): 35-8.
- 2001** Noninvasive vascular laboratory for evaluation of peripheral arterial occlusive disease. Part III--Clinical applications: nonatherosclerotic lower extremity arterial conditions and upper extremity arterial disease. Rose, S.C. J Vasc Interv Radiol, 12 (1): 11-8.

- 2001** Anatomical variations of the scalene triangle: dissection of 10 cadavers. Rusnak-Smith, S., Moffat, M., and Rosen, E. J Orthop Sports Phys Ther, 31 (2): 70-80.
- 2001** Long-term follow-up and patient satisfaction after surgery for thoracic outlet syndrome. Sharp, W.J., et al. Ann Vasc Surg, 15 (1): 32-6.
- 2001** Diagnosis and treatment of thoracic outlet syndrome. Sheth, R.N. and Belzberg, A.J. Neurosurg Clin N Am, 12 (2): 295-309.
- 2001** Hypertrophic non-union of the first rib causing thoracic outlet syndrome: a case report. Suh, J.T., Park, B.G., and Yoo, C.I. J Korean Med Sci, 16 (5): 673-6.
- 2001** MRI of the brachial plexus. van Es, H.W. Eur Radiol, 11 (2): 325-36.
- 2001** Color Doppler and duplex sonography in 5 patients with thoracic outlet syndrome. Wadhvani, R., et al. J Ultrasound Med, 20 (7): 795-801.
- 2001** The enigma of whiplash injury. Current management strategies and controversies. Young, W.F. Postgrad Med, 109 (3): 179-80, 183-6.
- 2002** Actions of the scalene muscles for rotation of the cervical spine in macaque and human. Buford, J.A., et al. J Orthop Sports Phys Ther, 32 (10): 488-96.
- 2002** Ultrasound in the practice of brachial plexus anesthesia. De Andres, J. and Sala-Blanch, X. Reg Anesth Pain Med, 27 (1): 77-89.
- 2002** Effort thrombosis in the elite throwing athlete. DiFelice, G.S., et al. Am J Sports Med, 30 (5): 708-12.
- 2002** Electrodiagnostic approach to the patient with suspected brachial plexopathy. Ferrante, M.A. and Wilbourn, A.J. Neurol Clin, 20 (2): 423-50.
- 2002** The Conundrum of Thoracic Outlet Surgery. Leffert, R.D. Techniques in Shoulder & Elbow Surgery, 3 (4): 262-270.
- 2002** Thoracic outlet syndrome. Mackinnon, S.E. and Novak, C.B. Curr Probl Surg, 39 (11): 1070-145.
- 2002** Brachial plexus sonography: a technique for assessing the root level. Martinoli, C., et al. AJR Am J Roentgenol, 179 (3): 699-702.
- 2002** Upper plexus thoracic outlet syndrome--case report. Matsuyama, T., Okuchi, K., and Goda, K. Neurol Med Chir (Tokyo), 42 (5): 237-41.
- 2002** Adult Brachial Plexus and Thoracic Outlet Surgery. Merrell, G.A. and Wolfe, S. Techniques in Shoulder & Elbow Surgery, 3 (4): 271-281.
- 2002** Brachial plexus anesthesia: essentials of our current understanding. Neal, J.M., et al. Reg Anesth Pain Med, 27 (4): 402-28.

- 2002** Multilevel nerve compression and muscle imbalance in work-related neuromuscular disorders. Novak, C.B. and Mackinnon, S.E. Am J Ind Med, 41 (5): 343-52.
- 2002** Ultrasound-guided nerve blocks. Peterson, M.K., Millar, F.A., and Sheppard, D.G. Br J Anaesth, 88 (5): 621-4.
- 2002** Management of cervical ribs and anomalous first ribs causing neurogenic thoracic outlet syndrome. Sanders, R.J. and Hammond, S.L. J Vasc Surg, 36 (1): 51-6.
- 2002** Ultrasound-guided infraclavicular brachial plexus block. Sandhu, N.S. and Capan, L.M. Br J Anaesth, 89 (2): 254-9.
- 2002** Cervical burners in the athlete. Shannon, B. and Klimkiewicz, J.J. Clin Sports Med, 21 (1): 29-35, vi.
- 2003** Surgical treatment of thoracic outlet syndrome: effect and results of surgery. Balci, A.E., et al. Ann Thorac Surg, 75 (4): 1091-6; discussion 1096.
- 2003** Outcome following surgery for thoracic outlet syndrome. Bhattacharya, V., et al. Eur J Vasc Endovasc Surg, 26 (2): 170-5.
- 2003** Applying ultrasound imaging to interscalene brachial plexus block. Chan, V.W. Reg Anesth Pain Med, 28 (4): 340-3.
- 2003** Ultrasound-guided supraclavicular brachial plexus block. Chan, V.W., et al. Anesth Analg, 97 (5): 1514-7.
- 2003** Provocative F Waves May Help in the Diagnosis of Thoracic Outlet Syndrome. Cuevas-Trisan, R.L. and Cruz-Jimenez, M. American Journal of Physical Medicine and Rehabilitation, 82 (9): 712-715.
- 2003** Vascular thoracic outlet syndrome. Davidovic, L.B., et al. World J Surg, 27 (5): 545-50.
- 2003** Subclavian artery aneurysms. Davidovic, L.B., et al. Asian J Surg, 26 (1): 7-11; discussion 12.
- 2003** Thoracic outlet: assessment with MR imaging in asymptomatic and symptomatic populations. Demondion, X., et al. Radiology, 227 (2): 461-8.
- 2003** Sonographic mapping of the normal brachial plexus. Demondion, X., et al. AJNR Am J Neuroradiol, 24 (7): 1303-9.
- 2003** Entrapment neuropathies of the upper extremity. Dimeff, R.J. Curr Sports Med Rep, 2 (5): 255-61.

- 2003** Heparin Alleviates Pain in Nerve Entrapments. Ellis, W. American Journal of Pain Management, 13 (2): 54-59.
- 2003** Intraoperative thermographic monitoring during neurogenic thoracic outlet decompressive surgery. Ellis, W. and Cheng, S. Vasc Endovascular Surg, 37 (4): 253-7.
- 2003** Transaxillary approach in thoracic outlet syndrome: the importance of resection of the first-rib. Han, S., et al. Eur J Cardiothorac Surg, 24 (3): 428-33.
- 2003** Documentation of brachial plexus compression (in the thoracic inlet) utilizing provocative neurosensory and muscular testing. Howard, M., Lee, C., and Dellon, A.L. J Reconstr Microsurg, 19 (5): 303-12.
- 2003** Paget-Schroetter Syndrome. Khan SN, S.G. Phlebography, 18 (1): 2-11.
- 2003** Outcomes of surgery in 1019 brachial plexus lesions treated at Louisiana State University Health Sciences Center. Kim, D.H., et al. J Neurosurg, 98 (5): 1005-16.
- 2003** Role of CT venography in the diagnosis and treatment of benign thoracic central venous obstruction. Kim, H., et al. Korean J Radiol, 4 (3): 146-52.
- 2003** Venous thoracic outlet syndrome secondary to congenital pseudoarthrosis of the clavicle. Presentation in the fourth decade of life. Lozano, P., et al. Eur J Vasc Endovasc Surg, 25 (6): 592-3.
- 2003** SIR 2003 film panel case 7: arterial thoracic outlet syndrome presenting with upper extremity emboli and posterior circulation stroke. Matsen, S.L., et al. J Vasc Interv Radiol, 14 (6): 807-12.
- 2003** Thoracic outlet syndrome: does fiction outweigh facts? Naidu, S.H. and Kothari, M.J. Current Opinions in Orthopedics, 14: 209-214.
- 2003** Compressive neuropathies of the upper extremity. Spinner, R.J. and Amadio, P.C. Clin Plast Surg, 30 (2): 155-73, vi.
- 2003** Brachial plexus injuries. Tung, T.H. and Mackinnon, S.E. Clin Plast Surg, 30 (2): 269-87.
- 2003** Ultrasound guidance speeds execution and improves the quality of supraclavicular block. Williams, S.R., et al. Anesth Analg, 97 (5): 1518-23.
- 2003** Advances in objective assessment of hand function and outcome assessment of the musician's hand. Winspur, I. Hand Clin, 19 (3): 483-93.
- 2004** Recurrent neurogenic thoracic outlet syndrome. Ambrad-Chalela, E., Thomas, G.I., and Johansen, K.H. Am J Surg, 187 (4): 505-10.

- 2004** Thoracic outlet syndrome: anatomy. Atasoy, E. Hand Clin, 20 (1): 7-14, v.
- 2004** History of thoracic outlet syndrome. Atasoy, E. Hand Clin, 20 (1): 15-6, v.
- 2004** Combined surgical treatment of thoracic outlet syndrome: transaxillary first rib resection and transcervical scalenectomy. Atasoy, E. Hand Clin, 20 (1): 71-82, vii.
- 2004** Recurrent thoracic outlet syndrome. Atasoy, E. Hand Clin, 20 (1): 99-105.
- 2004** Primary brachial plexus tumors: imaging, surgical, and pathological findings in 25 patients. Binder, D.K., Smith, J.S., and Barbaro, N.M. Neurosurg Focus, 16 (5): E11.
- 2004** The brachial plexus: normal anatomy, pathology, and MR imaging. Bowen, B.C., et al. Neuroimaging Clin N Am, 14 (1): 59-85, vii-viii.
- 2004** Appendix: use of multidetector CT and three-dimensional reconstructions in thoracic outlet syndrome: a preliminary report. Brantigan, C.O., Johnston, R.J., and Roos, D.B. Hand Clin, 20 (1): 123-6, viii.
- 2004** Etiology of neurogenic thoracic outlet syndrome. Brantigan, C.O. and Roos, D.B. Hand Clin, 20 (1): 17-22.
- 2004** Diagnosing thoracic outlet syndrome. Brantigan, C.O. and Roos, D.B. Hand Clin, 20 (1): 27-36.
- 2004** Evaluation of MR angiographic technique in the assessment of thoracic outlet syndrome. Charon, J.P., et al. Clin Radiol, 59 (7): 588-95.
- 2004** Enhancement of needle visibility in ultrasound-guided percutaneous procedures. Cheung, S. and Rohling, R. Ultrasound Med Biol, 30 (5): 617-24.
- 2004** Conservative treatment for thoracic outlet syndrome. Crosby, C.A. and Wehbe, M.A. Hand Clin, 20 (1): 43-9, vi.
- 2004** Infraspinatus muscle atrophy in professional baseball players. Cummins, C.A., Messer, T.M., and Schafer, M.F. Am J Sports Med, 32 (1): 116-20.
- 2004** Thoracic outlet syndrome surgery: long-term functional results. Degeorges, R., Reynaud, C., and Becquemin, J.P. Ann Vasc Surg, 18 (5): 558-65.
- 2004** Brachial plexopathies: classification, causes, and consequences. Ferrante, M.A. Muscle Nerve, 30 (5): 547-68.
- 2004** MR neurography and muscle MR imaging for image diagnosis of disorders affecting the peripheral nerves and musculature. Filler, A.G., Maravilla, K.R., and Tsuruda, J.S. Neurol Clin, 22 (3): 643-82, vi-vii.

- 2004** Sonographic evaluation of brachial plexus pathology. Graif, M., et al. Eur Radiol, 14 (2): 193-200.
- 2004** Nerves in a pinch: imaging of nerve compression syndromes. Hochman, M.G. and Zilberfarb, J.L. Radiol Clin North Am, 42 (1): 221-45.
- 2004** Thoracic outlet syndrome. Huang, J.H. and Zager, E.L. Neurosurgery, 55 (4): 897-902; discussion 902-3.
- 2004** Infraclavicular brachial plexus stretch injury. Kim, D.H., et al. Neurosurg Focus, 16 (5): E4.
- 2004** Complications of surgery for thoracic outlet syndrome. Leffert, R.D. Hand Clin, 20 (1): 91-8.
- 2004** Brachial plexus anatomy. Leinberry, C.F. and Wehbe, M.A. Hand Clin, 20 (1): 1-5.
- 2004** Ultrasound guidance for infraclavicular brachial plexus anaesthesia in children. Marhofer, P., et al. Anaesthesia, 59 (7): 642-6.
- 2004** Surgical approach to anterior scalenectomy. Mattson, R.J. Hand Clin, 20 (1): 57-60.
- 2004** Arterial thoracic outlet syndrome. Patton, G.M. Hand Clin, 20 (1): 107-11, viii.
- 2004** Ultrasound-guided interscalene brachial plexus block. Perlas, A. and Chan, V.W.S. Techniques in Regional Anesthesia and Pain Management, 8 (4): 143-148.
- 2004** Nerve Injury About the Shoulder in Athletes, Part 2. Safran, M. American Journal of Sports Medicine, 32 (4): 1063-1076.
- 2004** Nerve injury about the shoulder in athletes, part 2: long thoracic nerve, spinal accessory nerve, burners/stingers, thoracic outlet syndrome. Safran, M.R. Am J Sports Med, 32 (4): 1063-76.
- 2004** Surgical management of thoracic outlet syndrome: a 10-year experience. Samarasam, I., et al. ANZ J Surg, 74 (6): 450-4.
- 2004** Etiology and pathology. Sanders, R.J. and Hammond, S.L. Hand Clin, 20 (1): 23-6.
- 2004** Supraclavicular first rib resection and total scalenectomy: technique and results. Sanders, R.J. and Hammond, S.L. Hand Clin, 20 (1): 61-70.
- 2004** Venous thoracic outlet syndrome. Sanders, R.J. and Hammond, S.L. Hand Clin, 20 (1): 113-8, viii.

- 2004** Ultrasound visibility of needles used for regional nerve block: an in vitro study. Schafhalter-Zoppoth, I., McCulloch, C.E., and Gray, A.T. Reg Anesth Pain Med, 29 (5): 480-8.
- 2004** Medial antebrachial cutaneous nerve conduction study, a new tool to demonstrate mild lower brachial plexus lesions. A report of 16 cases. Seror, P. Clin Neurophysiol, 115 (10): 2316-22.
- 2004** Gilliat-Sumner hand revisited: a 25-year experience. Tender, G.C., et al. Neurosurgery, 55 (4): 883-90; discussion 890.
- 2004** "EMG" for thoracic outlet syndrome. Tolson, T.D. Hand Clin, 20 (1): 37-42, vi.
- 2004** Diagnosing suprascapular neuropathy in patients with shoulder dysfunction: a report of 5 cases. Walsworth, M.K., Mills, J.T., 3rd, and Michener, L.A. Phys Ther, 84 (4): 359-72.
- 2004** Bile duct strictures after hepatobiliary surgery: assessment with MR cholangiography. Ward, J., et al. Radiology, 231 (1): 101-8.
- 2004** Current trends in treatment of thoracic outlet syndrome. Wehbe, M.A. and Leinberry, C.F. Hand Clin, 20 (1): 119-21.
- 2004** Nerve gliding exercises for thoracic outlet syndrome. Wehbe, M.A. and Schlegel, J.M. Hand Clin, 20 (1): 51-5, vi.
- 2004** Epineurectomy for thoracic outlet syndrome. Wehbe, M.A. and Whitaker, M.L. Hand Clin, 20 (1): 83-6.
- 2004** Therapy after thoracic outlet release. Wishchuk, J.R. and Dougherty, C.R. Hand Clin, 20 (1): 87-90, vii.
- 2004** Clinical predictors of surgical outcome in patients with thoracic outlet syndrome operated on via transaxillary approach. Yavuzer, S., Atinkaya, C., and Tokat, O. Eur J Cardiothorac Surg, 25 (2): 173-8.
- 2005** Thoracic outlet syndrome: pattern of clinical success after operative decompression. Altobelli, G.G., et al. J Vasc Surg, 42 (1): 122-8.
- 2005** Imaging the brachial plexus. Amrami, K.K. and Port, J.D. Hand Clin, 21 (1): 25-37.
- 2005** A prospective comparison study of MRI versus small bowel follow-through in recurrent Crohn's disease. Bernstein, C.N., et al. Am J Gastroenterol, 100 (11): 2493-502.
- 2005** Bilateral non-traumatic second rib fracture after bilateral first rib resection for TOS. Jakubietz, M.G., et al. Thorax, 60 (3): 259-60.

- 2005** Cadaveric observation of an aberrant left subclavian artery: a possible cause of thoracic outlet syndrome. Konuskan, B., et al. Clin Anat, 18 (3): 215-6.
- 2005** Peripheral Nerve Injuries in Weight Training. Lodhia KR, B.B., McGillicuddy J. The Physician and Sportsmedicine, 33 (7).
- 2005** Ultrasound guidance in regional anaesthesia. Marhofer, P., Greher, M., and Kapral, S. Br J Anaesth, 94 (1): 7-17.
- 2005** Quantitative vascular measurements in arterial occlusive disease. Ota, H., et al. Radiographics, 25 (5): 1141-58.
- 2005** Quantification of the weakness and fatigue in thoracic outlet syndrome with isokinetic measurements. Ozcakar, L., et al. Br J Sports Med, 39 (3): 178-81.
- 2005** A review of compressive ulnar neuropathy at the elbow. Robertson, C. and Saratsiotis, J. J Manipulative Physiol Ther, 28 (5): 345.
- 2005** Frequency of neurogenic thoracic outlet syndrome in patients with definite carpal tunnel syndrome: an electrophysiological evaluation in 100 women. Seror, P. Clin Neurophysiol, 116 (2): 259-63.
- 2005** Surgical treatment of thoracic outlet syndrome: a randomized trial comparing two operations. Sheth, R.N. and Campbell, J.N. J Neurosurg Spine, 3 (5): 355-63.
- 2005** Ultrasound-guided musculocutaneous nerve block: a description of a novel technique. Spence, B.C., Sites, B.D., and Beach, M.L. Reg Anesth Pain Med, 30 (2): 198-201.
- 2005** Sectional neuroanatomy of the upper thoracic spine and chest. Taber, K.H., et al. J Comput Assist Tomogr, 29 (2): 281-5.
- 2005** Nerve entrapments of the wrist: early treatment preserves function. Wellik, G.M. Jaapa, 18 (4): 18-23; quiz 31-2.
- 2006** Imaging assessment of thoracic outlet syndrome. Demondion, X., et al. Radiographics, 26 (6): 1735-50.
- 2006** Ultrasonographic Assessment of Arterial Cross-sectional Area in the Thoracic Outlet on Postural Maneuvers Measured With Power Doppler Ultrasonography in Both Asymptomatic and Symptomatic Populations. Demondion, X., et al. J Ultrasound Med, 25 (2): 217-24.
- 2006** Doppler Adson's test: predictor of outcome of surgery in non-specific thoracic outlet syndrome. Lee, A.D., Agarwal, S., and Sadhu, D. World J Surg, 30 (3): 291-2.
- 2006** Variations of the course of the upper trunk of the brachial plexus and their clinical

significance for the thoracic outlet syndrome: a study on 93 cadavers. Natsis, K., et al. Am Surg, 72 (2): 188-92.

2006 Additional vascular compression of the brachial plexus in a cadaver with a cervical rib: case illustration. Tubbs, R.S., et al. Surg Radiol Anat, 28 (1): 112-3.