

REFERENCES

REFERENCES

- (1) *Abbott Le Roy, C.; & Saunders, J.B. Dec. M. (1933):* Injuries of the median nerve in fractures of the lower end of the radius. *Surgery Gynaecology & Obstetrics*; 57:507-516 (October).
- (2) *Abdel-Kader, F.M. (1963):* Compression of the median nerve in the carpal tunnel. Thesis presented for the degree of M.Ch. (Orth.), Liverpool, 1963.
- (3) *Abdel-Kader, F.M. (1981):* Personal communication.
- (4) *Agee, J.M.; McCarroll, H.R.; Tortosa, R.D.; Berry, D.A.; Szabo, R.M.; & Peimer, C.A. (1992):* Endoscopic release of the carpal tunnel : A randomized prospective multicenter study. *J-Hand-Surg.*; 17 - A (6): 987-995 (Nov.).
- (5) *Aghasi, M.K.; Rzentelny, V.; & Axer, A. (1980):* The flexor digitorum superficialis as a cause of bilateral carpal-tunnel syndrome and trigger wrist. *J.B.J.S.*; 62-A : 134-135.
- (6) *Aguayo, A.; Nair, C.P.V.; and Midgley, R. (1971):* Experimental progressive compression neuropathy in the rabbit. *Arch. Neurol.*; 24:358-364.
- (7) *Allende, B.T. (1967):* Macrodactyly with enlarged median nerve associated with carpal tunnel syndrome. *Plastic Reconstructive Surgery*; 39:578-582.
- (8) *Arendt-Nielsen, L.; Gregersen, H.; Toft, E.; & Bjerring, P. (1991):* Involvement of thin afferents in carpal tunnel syndrome: evaluated quantitatively by argon laser stimulation. *Muscle-Nerve*; 14 (6): 508-514 (June).
- (9) *Arlet, J.; Ficat, P.; & Martinex, J. (1958):* Carpal tunnel syndrome caused by compression during severe tophaceous gout.

Review Rheumatica; 25:281.

Quoted by: *Champion, D. (1969).*

(10) *Arnold, A.G. (1977): The carpal tunnel syndrome in congestive cardiac failure.*

Postgraduate Medical Journal; 53:623-624 (October).

(11) *Astley, C.E. (1962): Carpal tunnel syndrome.*

Br. Med. J.; 1:1007-1008 (April 7).

(12) *Backhouse, K.M.; & Kay, A. (1969): Carpal tunnel syndrome.*

The Lancet; 1:1150-1151 (June 7).

(13) *Baily, D.; & Bolton, C.J.F. (1955): Median-verve palsy associated with acute infections of the hand.*

The Lancet; 1:530-532 (March 12).

(14) *Barnes, C.G.; & Currey, H.L.F. (1967): Carpal tunnel syndrome in rheumatoid arthritis; a clinical and electrodiagnostic survey. Ann. Rheum. Dis.; 26:226-233.*

Quoted by: *Taylor, N. (1971).*

(15) *Bastian, F.O. (1974): Amyloidosis and the carpal tunnel syndrome.*

American Journal of Clinical Pathology; 61:711-717, (May).

(16) *Beatty, J.C. (1961): Carpal tunnel syndrome caused by unusual congenital anomaly.*

Canda Medical Association Journal; 84:1020.

(17) *Beer, T.C.; & Memon N. (1976): Carpal tunnel syndrome and tennis elbow.*

Br. Med. J.; 2:299-300 (July 31).

(18) *Bengzon, A.R.A.; & Eichman, P.L. (1966): An improved splint for treatment of the carpal tunnel syndrome.*

Archives of Physical Medicine & Rehabilitation; 47:84-87.

(19) *Best, R.A. (1975): Nerve lesions and finger wrinkling. Br. Med. J.; 1:334. (february 8).*

- (20) *Blau, J.N. (1965): The carpal tunnel syndrome.*
The Lancet; 2:298 (August).
- (21) *Blecher, S. (1908): In Deutsche Ztschr. F. Chirurgie; 93:34-45 (April).*
Qouted by: Lynch, A.C.; & Lipscomb, P.R. (1963).
- (22) *Blodgett, R.C.; Lipscomb, P.R.; & Hill, R.W. (1962): Incidence of haematologic disease in patients with carpal tunnel syndrome. Journal of American Medical Association; 182:814-815, (November 17).*
- (23) *Blunt, M.J. (1959): The vascular anatomy of the median nerve in the forearm and hand.*
Journal of Anatomy; 93:15-22.
- (24) *Borg, K. (1988): Diagnostic value of quantitative sensory testing (QST) in carpal tunnel syndrome.*
Acta Neurol. Scand.; 78:537-541.
- (25) *Boulter, P.S. (1959): The carpal tunnel syndrome.*
Postgraduate Medical Journal; 33:406-409 (July).
- (26) *Brain, W.R.; Wright, A.D.; & Wilkinson, M. (1947): Spontaneous compression of both median nerves in the carpal tunnel. Six cases treated surgically.*
The Lancet; 1:277-282 (March 8).
- (27) *Brooks, D.M. (1952): Carpal ganglion.*
J.B.J.S.; 34-B:391.
- (28) *Brooks, H.St.J. (1886): In Journal of Anatomy and Physiology; 20:641.*
Qouted by: Highet, W.B. (1943).
- (29) *Brunelli, G. (1964): In Minerva Ortop.; 15:211-217.*
Qouted by: Johnson, R.J.; & Bonfiglio, M. (1969).
- (30) *Bunnell, S. (1951): Spontaneous compression of the median nerve at the wrist. Abstract of discussion.*

- J.A.M.A.; 145 (15): 1132 (April 14).**
- (31) *Burnham, F.J. (1963): Acute carpal tunnel syndrome. Median artery thrombosis as cause.*
Archives of Surgery; 87:645-646.
- (32) *Butler, B.; & Bigley, E.C. (1971): Aberrant index (first) lumbrical tendinous origin associated with carpal tunnel syndrome. A cases report.*
J.B.J.S.; 53-A:160-162.
- (33) *Campbell, R.D.; Lance, E.M.; & Chin, B.Y. (1964): Lunate and perilunar dislocations.*
J.B.J.S.; 46-B : 55-72.
- (34) *Campbell's Operative Orthopaedics (1975): Edited by: Crenshaw, A.H. (The C.V. Mosby company, Saint Louis).*
Fifth edition; 1:368-370 & 374.
- (35) *Cannon, B.W.; & Love, J.G. (1946): Tardy median palsy; median neuritis; median thenar atrophy amenable to surgery.*
Surgery; 20 : 210-216.
- (36) *Carpendale, M.T.F. (1963): Carpal tunnel syndrome.*
Br. Med. J.; 1:1086-1087 (April 20).
- (37) *Carstam, N. (1958): Compression of the median nerve in carpal tunnel.*
J.B.J.S.; 40-B:835.
- (38) *Causey, G.; & Palmer, E. (1949): The effect of pressure on nerve conduction and nerve-fibre size.*
J. Physiology; 109:220-231.
- (39) *Champion, D. (1969): Gouty tenosynovitis and the carpal tunnel syndrome.*
The Medical Journal of Australia; 1:1030-1032 (May 17).
- (40) *Chiang, H.C.; Chen, S.S.; Yu, H.S.; & Ko, Y.C. (1990): The occurrence of carpal tunnel syndrome in frozen food factory employees.*

- Kao-Hsiung-I-Hsueh-Ko-Hsueh-Tsa-Chih; 6 (2): 73-80 (Feb).
- (41) *Chopra, J.S. (1979):* Congenital arterio-venous fistula producing carpal tunnel syndrome.
Journal of Neurology Neuro-surgery & Psychiatry; 42 (9):815-817 (March 19).
- (42) *Clark, D.; Hughes, J.; & Gass, H.S. (1953):* Afferent function in the group of nerve fibers of slowest conduction velocity.
Am J. Physiology; 114:69-76.
- (43) *Codega, G. (1964):* In Ann. Chir.; 18:1475.
Qouted by: *Taylor, N (1971).*
- (44) *Cozen, L. (1963):* A new sign for carpal tunnel syndrome.
American Journal of Orthopedics; 5:232-233.
Qouted by: *Taylor, N. (1971).*
- (45) *Crandall. R.C.; & Hamel, A.L. (1979):* Bipartite median nerve at the wrist.
J.B.J.S.; 61-A:311.
- (46) *Crisp, E.J. (1959):* Acroparaesthesia and carpal tunnel syndrome.
Br. Med. J.;2:22 (July 4).
- (47) *Crymble, B.J. (1968):* Brachial neuralgia and the carpal tunnel syndrome.
Br. Med.J.;3:470-471 (Aug.).
- (48) *Cseuz, K.A.; Thomas, J.E.; Lambert, E.H.; Love, J.G.; & Lipscomb, P.R. (1966):* Long term results of operation for carpal tunnel syndrome.
Mayo Clinic Proceedings; 41:232-241.
- (49) *Cunningham, D.J. (1976):* Cunningham's Manual of Practical Anatomy.
Revised by: Romans, G.J.
Fourteenth edition, Oxford University Press.
Volume one: 59,60,63,64,66,81,85, & 87.
- (50) *Currey, H.L.F. (1965):* The carpal tunnel syndrome.

- The Lancet; 2:297-298 (August 7).
- (51) *Currier, D.P.; David, G.; & Thomas, S. (1978):* Sensory nerve conduction. Effect of Ultrasound. Arch. Phys. Med. Rehabil.; 59 : 402-406.
- (52) *Curtis, R.M.; & Eversmann, W.W. (1973):* Internal neurolysis as an adjunct to the treatment of the carpal tunnel syndrome. J.B.J.S.; 55-A:733-740.
- (53) *Cyriax, J. (1959):* Acroparaesthesia and carpal tunnel. Br. Med. J.; 1:1473 (June 6).
- (54) *Cyriax, J. (1975):* Textbook of Orthopaedic Medicine. Seventh edition, London, Bailliere Tindall. Volume one:292-296.
- (55) *DeAbreu, L.B.; & Moreira, R. G. (1958):* Median-nerve compression at the wrist. J.B.J.S.; 40-A:1426-1427.
- (56) *Dekel.S.; & Coates, R. (1979):* Primary carpal stenosis as a cause of "idiopathic" carpal tunnel syndrome. The Lancet; 2:1024 (November 10).
- (57) *Dellon, A.L. (1980):* Clinical use of vibratory stimuli to evaluate peripheral nerve injury and compression neuropathy. Plastic and Reconstructive Surgery; 65 (4): 466-476 (April).
- (58) *Denny-Brown, D.; & Brenner, C. (1944):* Paralysis of nerve induced by direct pressure and by tourniquet. Archives of Neurology & Psychiatry; 51:1-26.
- (59) *DeRouville, G. (1905):* In Bull. et mem Soc. de Chir.d. Paris;31:1046-1051. Quoted by: *Abbott, L.R. C.; & Saunders, J.B. (1933).*
- (60) *DeSwiet, J. (1969):* Carpal tunnel syndrome. The Lancet; 1:1151.

- (61) *Dick, T.B.S.; & Zadik, F.R. (1958): Acroparaesthesia and the carpal tunnel syndrome.*
Br. Med. J.;2:288-289.
- (62) *Dickson, F.D. (1926): Peripheral nerve injuries associated with fractures of the long bones.*
Southern Medical Journal; 19:37-42.
Quoted by: Abbott, L.R.C.; & Saunders, J.B. (1933).
- (63) *Durbin, F.C. (1953): Median nerve compression in the carpal tunnel.*
J.B.J.S.; 35-B:489.
- (64) *Durkan, J.A. (1991): A new diagnostic test for carpal tunnel syndrome.*
J.B.J.S.; 73-A (4):535-8 (April).
- (65) *Duthie, R.B.; & Ferguson, A.B. (1973): Neuro-circulatory disturbances of the extremities.*
Orthopaedic Surgery. 7th ed. Edward Arnold, 771-843.
- (66) *Duthie, R.B.; & Bentley, G. (1983): Neurocirculatory disturbances of the extremities.*
Orthopaedic Surgery, 8th ed. Edward Arnold, 717-782.
- (67) *Eaton, L.M.; & Lambert, E.H. (1957): Electromyography and electrical stimulation of nerves in diseases of motor unit.*
J.A.M.A.; 163 (13): 117-124 (March 30).
- (68) *Eibel, P. (1961): Trigger wrist with intermittent carpal tunnel syndrome. A hitherto undescribed entity with report of a case.*
Canda Medical association Journal; 84 : 602-605.
Quoted by: Taylor (1971).
- (69) *Eiken, O.; Carstam, N.; & Eddeland, A. (1971): Anomalous distal branching of the median nerve.*
Scandinavian Journal of Plastic & Reconstructive Surgery; 5:149-152.

Quoted by: *Crandall, R.C.; & Hamel, A.L. (1979).*

- (70) *El-Hewala, S.; El-Badawy, S.; & Amaar, G. (1983):* Comparative study between the effect of local corticosteroid injection and ultrasonic therapy in the treatment of idiopathic carpal tunnel syndrome. *The Egyptian Rheumatologist*, 5 (2): 57-67.
- (71) *Ellis, W. (1973):* Rubella arthritis. *Br. Med.J.*; 4:549 (December 1).
- (72) *El-Nashash, M.A. (1978):* Carpal tunnel syndrome. Its aetiology, diagnosis and management. Thesis submitted for partial fulfilment of Master Degree of Orthopaedic, AL-Azhar University, Faculty of Medicine.
- (73) *El-Zahaar (1991):* El-Zahaar modification of endoscopic carpal tunnel release. A paper presented at 15th annual meeting of the American Academy of neurological and orthopaedic surgeons. Las Vegas, N.V. september 1991.
- (74) *Emmett, A.J.J. (1965):* Lipomatous hamartoma of the median nerve in the palm. *British Journal of Plastic Surgery*; 18:208-213.
- (75) *Erikson, J. (1973):* A case of carpal tunnel syndrome on the basis of an abnormally long lumbrical muscle. *Acta Orthopaedica Scandinavica*; 44:275-277.
- (76) *Fast, A.; Farikh, Sh.; & Ducommun, E.J. (1989):* Dermatitis sympathetic dysfunction in carpal tunnel syndrome. A case report. *Clinical Orthopaedics and Related Research*; 247:124-126 (October).
- (77) *Feingold, M.H.; Hidvegi, E. & Horwitz, S.J. (1980):* Bilateral carpal tunnel syndrome in an adolescent. *American Journal of Diseases of Children*; 134:394-396 (April).

- (78) *Fitzgerald, B. (1978): Saint Anthony's fire or C.T.S.? (A case of iatrogenic ergotism).*
Hand; 10 (1): 82-86 (February).
- (79) *Flynn, J.E.; & Flynn, W.F. (1962): Median & ulnar nerve injuries: A long term study with evaluation of the ninhydrin test, sensory and motor returns.*
Annals of Surgery; 156 (6): 1002-1009 (December).
- (80) *Folkers, K.; Ellis, J.; Watanabe, T.; Saji, S.; & Kaji, M. (1978): Biochemical evidence for a deficiency of vitamin B in the carpal tunnel syndrome based on a crossover clinical study.*
Proceedings of the National Academy of Sciences; 75 (7): 3410-3412 (July).
- (81) *Folkers, K.; & Ellis J. (1990): Successful therapy with vitamin B₆ and vitamin B₁₂ of the carpal tunnel syndrome and need for determination of the RDAS for vitamins B₆ & B₁₂ for disease states.*
Ann- N-Y-Acad-Sci; 585:295-301
- (82) *Ford, F.R. (1956): The tired arm syndrome. A common condition manifested by nocturnal pain in the arm and numbness in the hand.*
John Hopkins Hospital Bull.; 98 : 464-466.
- (83) *Foundtain, F.P.; Gersten, J.W.; & Sargin (1960): Decrease in muscle spasm produced by ultrasonic, hot packs and infrared.*
Arch. Phys. Med. Rehabil.; 41:239-282.
- (84) *Fowler, I.J.; Danta, G.; & Gilliatt, R.W. (1972): Recovery of nerve conduction after a pneumatic tourniquet : observations on the hind-limb of the baboon.*
J. Neurol. Neurosurg. Psych.; 35:638-647.
- (85) *Friedlander, H.L.; Rosenberg, N.J.; & Graubard, D.J. (1969):*

Intraneural lipoma of the median nerve. Report of two cases and review of the literature.

J.B.J.S.; 51-A: 352-362.

- (86) *Fujimoto, W.Y.; & Seegmiller, J.E. (1968): Medical treatment of compression neuropathy of median and ulnar nerves in gout. Arthritis and Rheumatism; 11:99.*

Quoted by : *Champion, D. (1969).*

- (87) *Fullerton, P.M. (1963): Effect of ischaemia on nerve conduction in carpal tunnel syndrome.*

J. Neurol. Neurosurg. Psych.; 26:385-397.

- (88) *Furnas, D.W. (1965): Muscle - tendon variations in the flexor compartment of the wrist.*

Plastic and Reconstructive Surgery; 36 (3): 320-324 (September).

- (89) *Garland, H.; Bradshaw, J.P.P.; & Clark, J.M.P. (1957): Compression of median nerve in carpal tunnel and its relation to acroparaesthesia.*

Br. Med. J.; 1:730-734, (March 30).

- (90) *Garland, H.; Summer, D.; & Clark, J.M.P. (1963): Carpal-tunnel syndrome with particular reference to surgical treatment.*

Br. Med.J.; 1:581-584.

- (91) *Gelberman, R.H.; Hergeneroeder, P.T.; Hargens, A.R.; Lundborg, G.N.; & Akeson, W.H. (1981): The carpal tunnel syndrome. A study of carpal canal pressures.*

J.B.J.S.; 63-A (3): 380-383 (March).

- (92) *Gelberman, R.H.; Szabo, R.M.; Williamson, R.V.; & Dimick, M.P. (1983): Sensibility testing in peripheral-nerve compression syndromes.*

J.B.J.S.; 65-A (5): 632-637 (June).

- (93) *Gelberman, R.H.; Rydeuik, B.L.; Pess, G.M.; Szabo, R.M.; & Lundborg, G. (1988):* Carpal tunnel syndrome. A scientific basis for clinical care.
Orthopedic Clinics of North America, 19 (1): 115-124 (Jan).
- (94) *Gelfan, S.; & Tarlov, I.M. (1956):* Physiology of Spinal Cord, Nerve Root and Peripheral Nerve compression.
Am. J. Physiology; 185:217-229.
- (95) *Gellman, H.; Gelberman, R.H.; & Botte, M.J. (1986):* Carpal tunnel syndrome. An evaluation of the provocative diagnostic tests.
J.B.J.S.; 68-A (5): 735-737 (June).
- (96) *Gensoul (1836):* In Arch. gen. de. med.; 11:198.
Quoted by: *Abbott, L.R.G.; & Saunders, J.B. (1933).*
- (97) *Gersten, J.W. (1955):* Effect of ultrasonic on tendon extensibility.
Ann. Phys. Med.; 34:362-364.
- (98) *Gilliatt, R.W.; & Wilson, T.G. (1953):* A pneumatic tourniquet test in the carpal tunnel syndrome.
The lancet; 2:595-597 (September 19).
- (99) *Gilliatt, R.W.; McDonald, W.I.; & Rudge, P. (1974):* The site of conduction block in peripheral nerves compressed by a pneumatic tourniquet.
J. Physiology; 238:31-32.
- (100) *Goldberg, A.; & Levy, M. (1977):* Carpal tunnel syndrome and artificial tenodesis of index tendons due to "nailing" of the tendon by a palm tree thorn.
Harefuah; 92 (11): 514 (June 1).
Quoted in the Cumulated Index Medicus (Subject);
13:6048.

- (101) *Golding, D.N. (1968): Brachial neuralgia and the carpal tunnel syndrome.*
Br. Med. J.; 3 : 803.
- (102) *Golding, J.S.R. (1953): Median nerve compression in the carpal tunnel.*
J.B.J.S.; 35-B:489.
- (103) *Goldstein, L.A.; & Dickerson, R.C. (1974): Atlas of Orthopaedic Surgery.*
The C.V. Mosby Company.
Volume one: 182-183.
- (104) *Gondring, W.H. (1966): The carpal tunnel syndrome and acromegaly.*
Journal of Oklahoma Medical Association; 59:274-279.
Quoted by: *Taylor, N. (1971).*
- (105) *Granger, C.V. (1968): Stiffness of the wrist.*
J.A.M.A.; 204 (8): 195 (May 20).
- (106) *Gray, H. (1973): Gray's Anatomy. Descriptive and applied.*
Edited by: Warwick, R.; & Williams, P.L. Thirty third edition,
Longmans, Green & Company.
337,551, 1042, 1044 & 1046.
- (107) *Gray, R.G.; Poppo, M.J.; & Gottlieb, N.L. (1979): Primary familial bilateral carpal tunnel syndrome.*
Annals of Internal Medicine; 91:37-40.
- (108) *Green, E.J.; Dilworth, J.H.; & Levitin, P.M. (1977): Tophaceous gout.*
An unusual cause of bilateral carpal tunnel syndrome.
J.A.M.A.; 237 (25): 2747-2748 (June 20).
- (109) *Grokoest, A.W.; & DeMartini, F.E. (1954): Systemic disease and the carpal tunnel syndrome.*
J.A.M.A.; 155 (7): 635-637 (June 12).
- (110) *Grossman, L.A.; Kaplan, H.J.; Ownby, F.D.; & Grossman, M. (1961):*
Carpal tunnel syndrome: initial manifestation of systemic

disease.

J.A.M.A.; 176 (4): 259-261 (April 29).

(111) *Guly, P.T. (1959):* Garpal tunnel syndrome.

Br. Med. J.; 1:1184.

(112) *Hagemann, P.O. (1967):* Sporotrichosis tendonitis and tenosynovitis.

Trans American Clin. Climatol. Association; 79:193.

Qouted by: *Stratton, C.W.; Phelps, D.B.; & Reller, L.B.;*
(1978).

(113) *Hagen, K.; & Sennwald, G. (1990):* Recurrent carpal tunnel syndrome.

Problems and treatment.

Handchir-Mikrochir-Plast-Chir; 22 (6): 309-311 (Nov).

(114) *Hale, M.S.; & Ruderman, J.E. (1973):* Carpal tunnel syndrome associated
with rubella immunization.

American Journal of Physical Medicine; 52:189.

(115) *Hall, E.A. (1983):* The aetiology of carpal tunnel syndrome.

J.B.J.S.; 60-A:80-84.

(116) *Hamlin, E.; & Lehman, R.A.W. (1967):* Carpal-tunnel syndrome.

The New England Journal of Medicine; 276 (15): 849.

(117) *Harris, C.M.; Tanner, E.; Goldstein, M.N.; & Pette, D.S. (1979):* The
surgical treatment of the carpal-tunnel syndrome correlated
with preoperative nerve conduction studies.

J.B.J.S.; 61-A:93-98.

(118) *Harris, H.A. (1947):* Compression of median nerve in carpal tunnel.

The Lancet; 1:387 (March 22).

(119) *Harris, H.A. (1947):* Compression of median nerve in carpal tunnel.

The Lancet; 1:578 (April 26).

(120) *Harris, N.H. (1976):* Carpal tunnel syndrome in the blind.

Br. Med.J.; 1:641 (September 11).

- (121) *Hart, V.L.; & Gaynor, V. (1941):* Roentgenographic study of the carpal canal.
J.B.J.S.; 382-383.
- (122) *Hartwell, S.W.Jr.; & Kurtay, M. (1966):* Carpal tunnel compression caused by haematoma associated with anticoagulant therapy: report of a case.
Cleveland Clin. Quart.; 33:127-129.
Qouted by: *Taylor, N. (1971).*
- (123) *Hasselbacher, P. (1977):* Neuropathy after influenza vaccination.
The Lancet; 1:551-552 (March 5).
- (124) *Hayden, J.W. (1964):* Median neuropathy in the carpal tunnel, caused by spontaneous intraneural haemorrhage.
J.B.J.S.; 46-A:1242.
- (125) *Heathfield, K.W.S. (1957):* Acroparaesthesia and the earpal tunel syndrome.
The Lancet; 2:663-666 (October 5).
- (126) *Heathfield, K.W.G.; & Tibbles, J.A.R. (1961):* Corticosteroids in treatment of carppal-tunnel syndrome.
Br. Med. J.; 2:29-32.
- (127) *Henderson, W.R. (1948):* Clinical assessment of peripheral nerve injuries.
Tinel's test.
The Lancet; 2:801-805.
- (128) *Herndon, J.H.; Eaton, R.G.; & Littler, J.W. (1974):* Carpal tunnel syndrome. An unusual presentation of osteoid osteoma of the capitate.
J.B.J.S.; 56-A:1715-1718.
- (129) *Herrick, R.T. (1990):* Thermography.
Neurology; 40:1146 (July).

- (130) *Highet, W.B. (1943)*: innervation and function of the thenar muscles.
The Lancet; 1:227-230 (February 20).
- (131) *Hines, R.A.; & Hughes, C.V. (1974)*: Carpal tunnel syndrome and diazepam intravenously.
J.A.M.A.; 228 (6): 697 (May 6).
- (132) *Hoffman, D.E. (1975)*: Carpal tunnel syndrome. Importance of sensory nerve conduction studies in diagnosis.
J.A.M.A.; 233 (9): 983-984 (September 1).
- (133) *Hoffman, P. (1915)*: On a method of evaluating the success of a nerve suture.
Medizinische Klinik; 11:359-360 (March 28).
Quoted by: *Wilkins, R.H.; & brody, I.A. (1971)*.
- (134) *Hollander, J.L. (1968)*: Stiffness of the wrist.
J.A.M.A.; 204 (8): 195 (May 20).
- (135) *Hollinshead, W.H. (1958)*: In Anatomy for Surgeons, Volume 3.
The Back and Limbs.
Hoeber-Harper, New York.
Qouted by: *Furnas, D.W. (1965)*.
- (136) *Holtman, B.; & Anderson, C.B. (1977)*: Carpal tunnel syndrome following vascular shunts for haemodialysis.
Archives of Surgery; 112:65-66 (January).
- (137) *Hotta, T.; Kanbara, H.; & Soto, S. (1970)*: Case of carpal tunnel syndrome due to calcification of flexor digitorum sublimis II in a child.
Orthopaedic Surgery (Tokyo); 948-950.
Quoted by: *Starreveld, E.; & Ashenhurst, E.M. (1975)*.
- (138) *Hybbinette, C.H.; & Mannerfelt, L. (1975)*: The carpal tunnel syndrome.
A retrospective study of 400 operated patients.

Acta Orthopaedica Scand.; 46:610-620.

(139) Inglis, A.E.; Straub, L.R.; & Williams, C.S. (1972): Median nerve neuropathy at the wrist.

Clin. Orthop.; 83:48.

Quoted by: Kloforn, R.W.; Steigerwald J.C. (1976).

(140) Isidor, K. (1969): Unusual distribution of the median nerve at the wrist.

Clinical Orthopaedics; 67:124-126.

Quoted by: Crandall, R.C.; & Hamel, A.L. (1979).

(141) Jackson, I.T.; & Campbell, J.C. (1970): An unusual cause of carpal tunnel syndrome. A case of thrombosis of the median artery.

J.B.J.S.; 52-B: 330-333.

(142) Jamieson, E.B. (1965): A companion to manuals of practical Anatomy.

Seventh edition, oxford University Press.

787-789.

(143) Johnson, R.J.; & Bonfiglio, M. (1969): Lipofibromatous hamartoma of the median nerve.

J.B.J.S.; 15-A: 984-990.

(144) Johnston, A.W. (1960): Acroparaesthesia and acromegaly.

Br. Med. J.; 1:1616-1618.

(145) Jones, R.A. (1953): Acroparaesthesia in the carpal-tunnel syndrome.

The Lancet; 2:781 (October 10).

(146) Joplin, R. (1952): Aetiology of carpal tunnel compression of median nerve.

J.B.J.S.; 34-B:514-515.

(147) Kaplan, H.; & Clayton, M. (1969): Carpal tunnel syndrome secondary to Mycobacterium kansasii infection.

J.A.M.A.; 208 (7): 1186-1188 (May 19).

(148) Karpati, C.; Carpenter, S.; Eisen, A.A.; & Feindel, W. (1973): Familial multiple peripheral nerve entrapments; an unusual

manifestation of a peripheral neuropathy.

Trans American Neurological Association; 98:267-269.

Quoted by: *Gray, R.G.; Poppo, M.J.; & Gottlieb, N.L.*
(1979).

(149) *Katz, J.N.; & Stirrat, C.R. (1990)*: A self-administered hand diagram for the diagnosis of carpal tunnel syndrome,
J. Hand Surg.; 15-A (2): 360-363 (March).

(150) *Katz, J.N.; Stirrat, C.R.; Larson, M.G.; Fossel, A.H.; Eaton, H.M.; & Liang, M.H. (1990)*: A self administered hand symptom diagram for the diagnosis and epidemiologic study of carpal tunnel syndrome.
J. Rheumatol.; 17-II :1495-8.

(151) *Kazem, G.H.; & Hegazi, M.O. (1985)*: Local injection of prednisolone for treatment of C.T.S.

Proceedings of Benha Spring E.O.A. congress; 1985.

(152) *Kazem, (1992)*: A new sign for diagnosis of C.T.S. The ereintal thumb and mddle finger clicking sign (Kazem sign).

Paper prsented at Alexandria international congress of orthopaedics & traumatology (November 9).

(153) *Kazem, G.H.; William, A.; Ibrahim, A.; Al-Adawi, A.; & Esmat, E. (1993)*: Survey for the clinical accuracy of the oriental finger clicking sign (Kazem sign) in carpal tunnel syndrome.

Personnal communication.

Paper prsented at El-Mansoura clinical meeting,
November, 1993.

(154) *Kedes, L.H.; Siemineski, J.; & Braude, A.L. (1964)*: The syndrome of the alcoholic rose gardener: sporotrichosis of the radial tendon sheath. Report of a case cured with amphotericin B.

Annals of Internal Medicine; 16:1139.

- (155) *Keith, M.A. (1957):* Acroparaesthesia in sclerodactyly and carpal tunnel syndrome treated with prednisolone.
Scotland Medical Journal; 2:435-438.
- (156) *Kelly, P.J.; & Karlson, A.G. (1969):* Musculo-skeletal tuberculosis.
Mayo Clinic Proceedings; 44:73.
- (157) *Kemble, F. (1968):* Electrodiagnosis of carpal tunnel syndrome.
J. Neurol. Neurosurg. Psych.; 31 : 23-27 (Jan.).
- (158) *Kendall, D. (1950):* Non-penetrating injuries of the median nerve at the wrist.
Brain; 73:84-94.
- (159) *Kendall, D. (1960):* Aetiology, diagnosis and treatment of paraesthesiae in the hands.
Br. Med.J.; 2:1633-1640 (December).
- (160) *Kendall, P.H. (1962):* Carpal tunnel syndrome.
Br. Med. J.; 1:115.
- (161) *Kidron, D.P. (1963):* Carpal-tunnel syndrome.
Br. Med.J.; 1 : 1086 (April 20).
- (162) *Kirchheim, G.W.T. (1910):* In Friedrich-Wilhelm Universitaet zu Berlin.
G. Schade. p. 30.
Quoted by: *Lynch, A.C.; & Lipscomb, P.R. (1963).*
- (163) *Klahr, S.; Aronberg, D.; Santiago; Kuhn III, C.; & Daniels, J. (1979):*
Arthropathy, carpal tunnel syndrome and renal failure.
The American Journal of Medicine; 66:1015-1024 (June).
- (164) *Klofkom, R.W.; & Steigerwald, J.C. (1976):* Carpal tunnel syndrome as the initial manifestation of tuberculosis.
The American Journal of Medicine; 60:583-586 (April).
- (165) *Koenig, H.; Dietrich, L.; & Meissner, R. (1986):* The wrist : a

preliminary report on high resolution MR imaging.
Radiology; 160:463-467.

(166) *Koenigsberger, M.R.; & Moessinger, A.C. (1977):* Iatrogenic carpal tunnel syndrome in the newborn infant.
Journal of Paediatrics; 91 (3): 443-445.

(167) *Kohn,D.; Bush, A.; & Kessler, I. (1976):* Risk of venepuncture.
Br. Med.J.; 2:1133.

(168) *Kopell, H.P.; & Coodgold, J. (1968):* Clinical and electrodiagnostic features of carpal tunnel syndrome.
Archives of Physical Medicine & Rehabilitation; 49: 371-375.

(169) *Koris, M.; Gelberman, R.H.; Duncan, K.; Boublick, M.; & Smith, B. (1988):* Carpal tunnel syndrome Evaluation of a quantitative provocational diagnostic test.
Clinical Orthopaedics and Related Research; 251 : 157-161 (August 9).

(170) *Kremer, M.; Gilliatt, R.W; Golding, I.S.R.; & Wilson, T.G. (1953):* Acroparaesthesia in the carpal-tunnel syndrome.
The Lancet; 2:590-595 (September 10).

(171) *Kummel, B.M. (1973):* Orthopaedic Surgery and Traumatology, (Proceedings of the twelfth Congress of International Society of Orthopaedic Surgery & Traumatology, 1972, Oct. 9-12.
Seldom recognize causes of shoulder pain.; 934-936.

(172) *Kyle, R.A.; & Bayrd, E.D. (1961):* " Primary" systemic amyloidosis and myeloma.
Archives of Internal Medicine; 107:344-353 (March).

(173) *LaBan, M.M.; Mackenzie, J.R.; & Zemenick, G.A. (1989):* Anatomic observations in carpal tunnel syndrome as they relate to the tethered median nerve stress test.

Arch. Phys. Med. Rehabil.; 70 : 44 - 45 (January).

- (174) Lambird, P.A.; & Hartmann, W.H. (1969): Hereditary amyloidosis, the flexor retinaculum, and the carpal tunnel syndrome. The American Journal of Clinical Pathology; 52 (6): 714-719 (December).**
- (175) Lang, E.F. (1954): Syndrome of median nerve compression in carpal tunnel. Surgical Clinics North America; 34:853-857.**
- (176) Last, R.J. (1972): Last's Anatomy. Regional and applied. Fifth edition, Churchill Livingstone. 146-148,154, 156,157,166,185,186, 188 & 189.**
- (177) Layton, K.B. (1958): Acroparaesthesia in pregnancy and the carpal tunnel syndrome. Journal of Obstetrics & Gynaecology; 65:823-825.**
- (178) Lazaro III, L. (1972): Carpal tunnel syndrome from an insect sting. J.B.J.S.; 54-A:1095-1096.**
- (179) Leach, R.E.; & Odom, J.A. (1968): Systemic causes of carpal tunnel syndrome. Postgraduate Medicine; 44:127-131 (August).**
- (180) Lees, F.; & Liversedge, L.A. (1959): Prednisone in the relief of acroparaesthesiae. The Lancet; 2:1120-1122 (December).**
- (181) Lemmi, H.; Amick, L.D.; & Canale, D.J. (1966): Median acromotor neuropathy (Pseudo-carpal tunnel syndrome): Report of a case. Archives of Physical Medicine & Rehabilitation; 47:306-309.**
- (182) Levy, M.; & Pauker, M. (1978): Carpal tunnel syndrome due to thrombosed persistent median artery. A case report. Hand; 10 (1): 65-68 (February).**
- (183) Lewis, D.; & Miller, E.M. (1922): Peripheral nerve injuries associated**

with fractures.

Trans American Surg. Association; 40: 489-580.

Quoted by: *Zachary, R.B. (1945).*

(184) *Linburg, R.M.; & Albright, J.A. (1970):* An anomalous branch of the median nerve. A case report.

J.B.J.S.; 52-A:182-183.

(185) *Linscheid, R.L.; Peterson, L.F.A.; & Juergens, J.L. (1967):* Carpal tunnel syndrome associated with vasospasm.

J.B.J.S.; 49-A:1141-1146.

(186) *Lishman, W.A.; & Russel, W.R. (1961):* The brachial neuropathies.

The Lancet; 2:941-946 (October 28).

(187) *Littler, J.W.; & Charles, S. (1967):* Primary restoration of thumb opposition with median nerve decompression.

Plastic and Reconstructive Surgery; 39 (1): 74-75.

(188) *Lota, M.J. and Darling, R. (1955):* Effect of ultrasonic on permeability of R.B. Cs. membrane.

Arch. Phys. Med. Rehabil.; 36:282-287.

(189) *Louis, D.S.; Arbor, A.; & Dick, H.M. (1973):* Ossifying lipofibroma of the median nerve.

J.B.J.S.; 55-A:1082-1084.

(190) *Lowe, E.P. (1963):* Pain in the upper limb.

J.B.J.S.; 45-B: 620.

(191) *Lundborg, G. (1976):* Ischemic nerve injury. Erlanders Biktryckeri Actiebolag: Goteborg, (1970). Ouoted by Saunderland, S.: Nerve lesion in carpal tunnel syndrome. J. Neurol. Neurosurg. Psych.; 39:615-626.

(192) *Lundborg, G.; Lie-Stenstrom, A.; Sollerman, Ch.; Stromberg, T.; and Pyykko, I. (1986):* Digital vibrogram: A new diagnostic tool

- for sensory testing in compression neuropathy.
J. Hand Surg.; 11-A (5): 693-699 (September).
- (193) *Lynch, A.C.; & Lipscomb, P.R. (1963): The carpal tunnel syndrome and Colles' fractures.*
J.A.M.A.; 185 (5): 363-366 (August 3).
- (194) *MacDougal, B.; Weeks, P.M.; & Wray, R.C. (1977): Median nerve compression and trigger finger in the mucopolysaccharidosis.*
Plastic Reconstructive Surgery; 59: 260-263.
- (195) *Mackinnon, S.E.; McCabe, S.; Murray, J.F.; Szalai, J.P.; Kelly, L.; Novak, C.; Kin, B.; & Burke, G.M. (1991): Internal neurolysis fails to improve the results of primary carpal tunnel decompression.*
J-Hand-Surg.; 16-A (2): 211-218 (March).
- (196) *Macon, W.L.; & Futrell, J.W. (1973): Median nerve neuropathy after percutaneous puncture of the brachial artery in patients receiving anticoagulants.*
New England Journal of Medicine; 288: 1396 (June 28).
- (197) *Mancusi-Ungaro, A.; Corres, J.J.; & Dispalto, F. (1976): Median carpal tunnel syndrome following a vascular shunt procedure in the forearm.*
Plastic Reconstructive surgery; 57: 96-97
- (198) *Mangini, U. (1961): Some remarks on the aetiology of the carpal tunnel compression of the median nerve.*
Bull. Hospital and Joint disease; 22: 56-64.
Quoted by: Lambird, P.A.; & Hartmann, W.H. (1969).
- (199) *Manske, P.R. (1978): Fracture hook of the hamate presenting as carpal tunnel syndrome.*
Hand; 10 (2): 181-183.

- (200) *Marie, P.; & Foix, C. (1913): Atrophie isolee l'eminence thenar d'origine nevritique. Role du ligament annulaire anterieur du carpe dans la pathogenic de la lesion.*
Review Neurol.; 26:647-649.
Quoted by: Phalen (1966), and Nissen, K.I. (1959).
- (201) *Marinacci, A.A. (1964): Compartive value of measurement of nerve conduction velocity & E.M.G. in the diagnosis of carpal tunnel syndrome.*
Archives of Surgery; 89:1008-1010.
- (202) *Marmor, L. (1964): Median nerve compression in rheumatoid arthritis.*
Archives of Surgery; 89:1008-1010.
- (203) *Marotte, L.K. (1974): An electron microscope study of chronic median nerve compression in the guinea-pig.*
Acta Neuropathologic. (Berlin); 27:69-82.
- (204) *Marticali, B.; Mechelse, K.; & Staal, A. (1969): Carpal-tunnel syndrome.*
The Lancet; 1:1217 (June 14).
- (205) *Mason, M.L. (1953): Presentation of cases in Proceedings of the American Society for Surgery of the hand.*
J.B.J.S.; 35-A:273-274.
- (206) *Massey, E.W.; Folger, W.N.; Holohan, T.; & Pellockk, J. (1979):*
Carpal tunnel syndrome in hepatic disease.
South Medical Journal; 72 (8): 1030 (August).
- (207) *Massey, E.W.; O'Brain, J.T.; & Georges, L.P. (1978): Carpal tunnel syndrome Secondary to carpopedal spasm.*
Annals of Internal Medicine; 88 (6): 804-805 (June).
- (208) *Mayers, L.B. (1964): Carpal tunnel syndrome secondary to tuberculosis.*
Archives of Neurology; 10:426.

- (209) *McArthur, R.G.; Hayles, A.B.; Gomez, M.R.; & Bianco, A.J. (1969):*
Carpal tunnel syndrome and trigger finger in childhood.
American Journal of Diseases of Children; 117:463-469.
- (210) *McCallum, M.J. (1959):* Acroparaesthesia in pregnancy.
Br. Med. J.; 1:1095.
- (211) *McCarty, D.J. (1979):* Arthritis and allied conditions.
Ninth edition, Lea & Febiger; Philadelphia.
413, 905 & 1318 - 1329.
- (212) *McCormack, L.J.; Cauldwell, E.W.; & Anson, B.J. (1953):* Brachial
and antebrachial arterial patterns.
Surgery Gynecology & Obstetrics; 96:43-54.
- (213) *McCormack, R.M.J. (1960):* Carpal tunnel syndrome.
Surgical Clinics of North America; 40:517-520.
- (214) *Mckee, G.K. (1953):* Acroparaesthesia in the carpal-tunnel syndrome.
The Lancet; 2:732 (October 3).
- (215) *Mckusick, V.A. (1972):* Hereditary disorders of connective tissue.
Fourth edition; 550-551.
Quoted by: *starreveld, E.; & Ashenurst, E.M. (1975).*
- (216) *Meanock, I. (1958):* Discussion on nerve pressure syndromes. The problem
of paraesthesia in the upper limb.
Proceedings of the Royal Society of Medicine; 51:87-91.
- (217) *Megele, R.; De Vries, U.; & Hinderer, G. (1991):* Intraoperative
pressure measurement at the median nerve in carpal tunnel
syndrome and its surgical significance.
Handchir-Mikrochir-Plast-Chir.; 23 (6): 327-333 (Nov.).
- (218) *Melvin, J.L.; Schuchmann, J.A.; & Lanese, R.R. (1973):* Diagnostic
specificity of motor and sensory nerve conduction variables in
the carpal tunnel syndrome.

Arch. Phys. Med. Rehabil.; 54 (2): 69-74.

**(219) Melzack, R.; & Wall, P.D. (1965): Pain mechanisms : A new theory.
Science; 150:971-979.**

**(220) Melzack, R.; & Wall, P.D. (1968): Gate control theory of pain. Pain,
edited by Soulairac, A.; Cahn, J. and Charpentier, J.
Academic Press: London; 23-27.**

**(221) Mercer, W. (1973): Mercer's Orthopaedic Surgery.
Edited by: Duthie, R.B.; & Ferguson, Jr. A.B.
Seventh edition, Edward Arnold Limited. 787-789.**

**(222) Mesgarzede, M.; Schenck, C.D.; & Bonakarpour, A. (1985): MR
imaging of the wrist and carpal tunnel: correlation with normal
anatomy (abstr).
Radiology; 157 (P): 30.**

**(223) Michaelis, L.S. (1950): Stenosis of carpal tunnel, compression of median
nerve and flexor tendon sheaths, combined with rheumatoid
arthritis elsewhere.
Proceedings of the Royal Society of Medicine; 43:414-417.**

**(224) Michaud, L.J.; Hays, R.M.; Budgeon, B.J.; & Kropp, R.J. (1990):
Congenital carpal tunnel syndrome : Case report of autosomal
dominant inheritance and review of the literature.
Arch-Phys. Med. Rehabil.; 71 (6): 430-2 (May.).**

**(225) Mickail, I.K. (1964): Median nerve lipoma in the hand.
J.B.J.S.; 46-B:726-730.**

**(226) Middleton, W.D.; Kneeland, J.B.; Kellman, G.M.; Cates, J.D.;
Sanger, J.R.; Jesmanowics, A.; Froncisz, W.; & Hyde,
J.S. (1987): MR Imaging of the carpal tunnel: Normal
anatomy and preliminary findings in the carpal tunnel
syndrome.**

AJR; 148 : 307 - 316 (February).

(227) Miner, M.E. (1975): Garpal tunnel syndrome in paediatric mucopolysaccharidosis.

Journal of Neurology; 43 (1): 102-103.

(228) Moersch, F.P. (1963): Median thenar neuritis. Proc. Staff Mect. Mayo Clin.; 13:220-222 (1938). Quoted by Robbins, H.: Anatomical study of the median nerve in the carpal tunnel and etologies of the carpal tunnel syndrome.

J.B.J.S.; 45-A (5): 953-966.

(229) Moldaver, J. (1954): Tourniquet paralysis syndrome. Arch. Surg. (Clin.); 68:136-144.

(230) Molitor, P.J.A. (1988): A diagnostic test for carpal tunnel syndrome using Uttrasound.

J. Hand Surg.; 13-B (1): 40-41 (February).

(231) Monga, T.N.; Shanks, G.L.; & Poole, B.J. (1985): Sensory palmar stimulation in the diagnosis of carpal tunnel syndrome.

Arch. Phys. Med. Rehabil.; 66 : 598 - 600 (September).

(232) Morely, G.H. (1964): Intraneural lipoma of the median nerve in the carpal tunnel. Report of a case.

J.B.J.S.; 46-B:734-735.

(233) Murray, I.P. C.; & Simpson, J.A. (1958): Acroparaesthesia in myxoedema. A clinical and electromyographic study.

The Lancet; 1: 1360-1363.

(234) Murray-Leslie, C.F.; & Wright, V. (1976): Carpal tunnel syndrome, humeral epicondylitis, and cervical spine: a study of clinical and dimentional relations.

Br. Med. J.; 1:1439-1442 (June 12).

(235) Murray-Leslie, C.F.; & Wright, V. (1976): Carpal tunnel syndrome and

tennis elbow.

Br. Med. J.; 2:526 (August 28).

- (236) *Nadia, M.I. (1987):* Assessment of local corticosteroid infiltration and surgery in treatment of carpal tunnel syndrome.

Thesis submitted in partial fulfillment of the requirements of the degree M.D. Physical Medicine, Assiut University, Faculty of Medicine.

- (237) *Neviaser, R.J. (1974):* Flexor digitorum superficialis indicis and carpal tunnel syndrome.

Hand; 6: 155-156.

Quoted by: *Aghasi, M.K.; Rezentlly, V.; & Axer, A. (1980).*

- (238) *Newmeyer, W.L.; & Kilgore, E.S. (1976):* Carpal tunnel syndrome.

J.A.M.A.; 235 (3): 250-251 (January 19).

- (239) *Nissen, K.I. (1952):* Aetiology of carpal tunnel compression of the median nerve.

J.B.J.S.; 34-B: 514.

- (240) *Nissen, K.I. (1959):* Pain in the arm and carpal tunnel syndrome.

The Postgraduate Medical Journal; 35:379 & 405 (July).

- (241) *Nissen, K.I. (1963):* Pain in the upper limb.

J.B.J.S.; 45-B:620-621.

- (242) *Nissen, K. (1972):* Barbiturates in pregnancy.

Br. Med. J.; 4:295.

- (243) *Nissen, K.I. (1974):* Tunnel tactics. (correspondance).

Br. Med. J.; 2:624 (September 7).

- (244) *Oates, G. (1960):* Median-nerve palsy as a complication of acute pyogenic infections of the hand.

Br. Med. J.; 1:1618-1620 (may 28).

- (245) *Ochoa, J.; Fowler, T.J.; & Gillatt, R.W. (1972): Anatomical Changes in peripheral nerves compressed by a pneumatic tourniquet. J. Anatomy; 113:433-455.*
- (246) *Ochoa, J.; & Marotte, L.R. (1973): The nature of the nerve lesion caused by chronic entrapment in the guinea-pig. J. Neurol. Sci.; 19:491-495.*
- (247) *Ogden, J.A. (1972): An unusual branch of the median nerve. J.B.J.S.; 54-A:1780.*
- (248) *O'Hara, L.J.; & Levin, M. (1967): Carpal tunnel syndrome and gout. Archives of Internal Medicine; 120:180-184 (August).*
- (249) *Olsson, Y. (1966): Studies on vascular permeability in peripheral nerves. Distribution of circulating fluorescent serum albumin in normal, Crushed and sectioned peripheral nerve. Acta neuropathologica (Berlin); 7:1-15.*
- (250) *Malley, M.J.; Evanoff, M.; Terrono, A.L.; & Millender, L.H. (1992): Factors that determine reexploration treatment of carpal tunnel syndrome. J-Hand-Surg.; 17-A (4): 638-641 (Jul.).*
- (251) *Omer, G.E.; Lockwood, R.S.; & Travis, L.O. (1963): Histoplasmosis involving the carpal joint. A case report. J.B.J.S.; 45-A: 1699-1703.*
- (252) *O'Riain, S. (1973): Nerve lesions and finger wrinkling. Br. Med. J.; 2:615 (September 22).*
- (253) *Osborne, G. (1959): Acroparaesthesia and the carpal tunnel. Br. Med. J.; 2:98 (July 25).*
- (254) *Osmond-Glarke, H. (1952): Carpal ganglion. J.B.J.S.; 34-B: 395-396.*
- (255) *Osterman, A.L. (1988): The double crush syndrome.*

Orthopedic clinics of North America; 91 - 1 : 147 - 155
(January).

(256) *Paget, J. (1854): Lectures on Surgical Pathology.*

Philadelphia, Lindsay and Blakiston.

p. 42.

Quoted by: *Abbott, L.R.C.; & Saunders, J.B.deC. M.*
(1933).

(257) *Paine, K.W.E. (1955): An instrument for dividing flexor retinaculum.*

The Lancet; 1:654 (March 26).

(258) *Paletta, F.X.; & Rybka, F.J. (1972): Treatment of hamartomas of the
median nerve.*

Annals Surgery; 176 (2): 217-222 (August).

(259) *Papanikolaou, P.; & Haddadin, M.A. (1972): Congenital absence of
carpal scaphoid.*

Br. Med. J.; 2:292 (April 29).

(260) *Papathanassiou, B.T. (1968): A variant of the motor branch of the median
nerve in the hand.*

J.B.J.S.; 50-B: 156-157.

(261) *Patel, M.E.; Silver, J.W.; Lipton, D.E.; & Pearlman, H.S. (1979):
Lipofibroma of the median nerve in the palm and digits of the
hand.*

J.B.J.S.; 61-A:393-397.

(262) *Patrick, J. (1965): Carpal tunnel syndrome.*

Br. Med. J.; 1:1377-1378.

(263) *Paterson, D.C. (1966): Bilateral carpal and tarsal tunnel syndrome.*

The Medical Journal of Australia; 2:421 (August 27).

(264) *Pearl, R.M. (1988): Use of the laser in treatment of carpal tunnel
syndrome.*

Correspondence; 83 (3): 577.

(265) *Pfeffer, G.B.; Gdberman, R.H.; Boyes, J.H.; & Pydevik, B. (1988):*

The history of carpal tunnel syndrome.

J. Hand Surg.; 13-B (1): 28-34 (February).

(266) *Phalen, G.S.; Gardner, W.J.; & LaLonde, A.A. (1950):* Neuropathy of the median nerve due to compression beneath the transverse carpal ligament.

J.B.J.S.; 32-A: 109-112.

(267) *Phalen, G.S. (1951):* Spontaneous compression of the median nerve at the wrist.

J.A.M.A.; 145 (15): 1128-1133 (April 14).

(268) *Phalen, G.S.; & Kendrick, J.I. (1957):* Compression neuropathy of the median nerve in the carpal tunnel.

J.A.M.A.; 164 (5):524-530 (June 1).

(269) *Phalen, G.S. (1966):* The carpal-tunnel syndrome. Seventeen years' experience in diagnosis and treatment of six hundred fifty-four hands.

J.B.J.S.; 48-A (2): 211-228.

(270) *Phalen, G.S. (1970):* Reflections on 21 years' experience with the carpal-tunnel syndrome.

J.A.M.A.; 212 (8): 1365-1367 (May 25).

(271) *Philip, W.M. (1959):* Acroparaesthesia and the carpal tunnel syndrome.

Br. Med. J.; 1:1472.

(272) *Pimm, L.H.; & Waugh, W. (1957):* Tuberculosis tenosynovitis.

J.B.J.S.; 39-B:91-101.

(273) *Powel, H.D.W. (1962):* Carpal tunnel syndrome.

Br. Med. J.; 1:568 (february 24).

(274) *Pryse-Phillips, W.E. (1984):* Validation of a diagnostic sign in carapl tunnel

syndrome.

Journal of Neurology, Neurosurgery, and psychiatry; 47 (8):870-872 (August)

(275) *Pulvertaft, R. G. (1964): Unusual tumours of the median nerve. Report of two cases.*

J.B.J.S.; 46-B:731-733.

(276) *Purnell, D.C.; Daly, D.D.; & Lipscomb, P.R. (1961): Carpal tunnel syndrome associated with myxoedema.*

Archives of Internal Medicine; 108:751.

(277) *Quenu et Lejars (1894): In, Etude sur le systeme nerveux: le vaisseaux des nerfs. Paris.*

Qouted by : *Ramage, D. (1927).*

(278) *Quinlan, A.G. (1967): Carpal tunnel syndrome presenting as a complete median-nerve palsy with trophic changes.*

Br. Med. J.; 1:32 (January 7).

(279) *Radwin, R.G.; Wertsch, J.J.; Jeng, O.; & Casanova, J. (1991): Ridge detection tactility deficits associated with carpal tunnel syndrome.*

Journal of Occupational Medicine; 33-6 : 730- 736 (June).

(280) *Ramirez-Irizarry, A.A.; & Bluestone, L. (1969): Carpal tunnel compression syndromes. Un-usual case reports.*

J. Mount Sinai Hospital, N.Y.; 36:210-215.

Qouted by : *Taylor, N. (1971).*

(281) *Ranawat, C.S.; Arora, M.M.; & Singh, R. G. (1968): Macrodystrophia lipomatosa with carpal tunnel syndrome.*

J.B.J.S.; 50-A: 1242-1244.

(282) *Rasmussen, K.B. (1963): Pain in the upper limb.*

J.B.J.S.;45-B: 621

- (283) *Rentschler, E.H. (1969):* Tinel's percussion test for nerve involvement.
J.A.M.A.; 208 (12): 2337 (June 23).
- (284) *Richmond, D.A. (1958):* Carpal tunnel syndrome.
Br. Med. J.; 1:733-734.
- (285) *Roaf, R. (1947):* Compression of the median nerve in the carpal tunnel.
The Lancet; 1: 387 (March 22).
- (286) *Roaf, R. (1952):* Aetiology of carpal tunnel compression of median nerve.
J.B.J.S.; 34-B: 514-515.
- (287) *Robbins, H. (1963):* Anatomical study of the median nerve in the carpal tunnel and etiologies of the carpal tunnel syndrome.
J.B.J.S.; 45-A: 953-966.
- (288) *Robins, R.H.C. (1976):* Carpal tunnel syndrome and tennis elbow.
Br. Med. J.; 2:108 (July 10).
- (289) *Rowland, S.A. (1967):* Lipofibroma of the median nerve in the palm.
J.B.J.S.; 49-A: 1309-1313.
- (290) *Rowntree, T. (1949):* Anomalous innervation of the hand muscles.
J.B.J.S.; 31-B: 505-510.
- (291) *Russel, T.B. (1949):* Inter-carpal dislocations and fracture-dislocations. A review of fifty-nine cases.
J.B.J.S.; 31-524-531.
- (292) *Rubinstein, M.A. (1970):* Carpal tunnel syndrome in lymphatic leukaemia.
J.A.M.A.; 213 (6): 1037 (August 10).
- (293) *Rubio, F. (1960):* Carpal tunnel syndrome.
J.A.M.A.; 172 (7): 733 (February).
- (294) *Rychak, J.S.; & Kalenak, A. (1977):* Injury to the median and ulnar nerves secondary to fractures of the radius. A case report.
J.B.J.S.; 59-A: 414-415.
- (295) *Spinner, M.; & Spencer, P.S. (1974):* Nerve compression lesions of the

upper extremity.

Clin. Orthop. & Related Research.; 104:46-67.

(296) *Schiller, F.; & Kolb, O. (1954):* Carpal tunnel syndrome in acromegaly.
Neurology; 4 : 271-282 (April).

(297) *Schmitt, O.; & Temme, C. (1978):* Carpal tunnel syndrome in developing pseudoarthrosis following isolated fracture of os capitatum.
Archives of Orthopaedic and Traumatic Surgery; 93 (1): 25 (December 12).

(298) *Schuind, F.; Ventura, M.; & Pasteels, J.L. (1990):* Idiopathic carpal tunnel syndrome : histologic study of flexor tendon synovium.
J-Hand-Surg-(Am); 15 (3): 497-505 (May.).

(299) *Schultz, R.J.; Endler, P.M.; & Huddelston, H.D. (1973):* Anomalous median nerve and anomalous muscle belly of the first lumbrical associated with carpal-tunnel syndrome. Case report.
J.B.J.S.; 55-A: 1744-1746.

(300) *Scott, J. (1974):* Tunnel tactics.
Br. Med. J.; 2:257.

(301) *Seiler III, J.G.; Barnes, K.; Gelberman, R.H.; & Chalidapong, P. (1992):* Endoscopic carpal tunnel release : An anatomic study of the two-incision method in human cadavers.
J-Hand-Surg.; 17-A (6): 996-1002 (Nov.).

(302) *Seiler III, J.G.; Milek, M.A.; Carpenter, G.K.; & Swiontkowski, M.F. (1989):* Intraoperative assessment of median nerve blood flow during carpal tunnel release with laser Doppler Flowmetry.
J. Hand Surg.; 14-A (6): 986-991 (November).

(303) *Semple, J.C.; & Cargill, A.O. (1969):* Carpal tunnel syndrome. Results of surgical decompression.
The Lancet; 1 : 918-9 (May 3).

- (304) *Semple, J.C.; & Cargill, A.O. (1969):* Carpal tunnel syndrome.
The Lancet; 2:59 (July 5).
- (305) *Shambaugh, G.E.; Cirkse, W.J.; & Newcomer, K.L. (1964):* Carpal tunnel syndrome as manifestation of sarcoidosis.
Archives of Internal Medicine; 114:830-833 (December).
- (306) *Sidiq, M.; Kirsner, A.B.; & Sheon, R.P. (1972):* Carpal tunnel syndrome. First manifestation of systemic lupus erythematosus.
J.A.M.A.; 222 (11): 1416-1417 (December 11).
- (307) *Siegel, R.S.; & Weiden, I.R.A. (1968):* Combined median and ulnar nerve lesions complicating fractures of the distal radius and ulna. Two case reports.
Journal of Trauma; 8 1114-1118.
Quoted by: *Rychak, J.S.; & Kalenak, A. (1977).*
- (308) *Simpson, J.A. (1956):* Electrical signs in the diagnosis of the carpal tunnel and related syndromes.
Journal of Neurology Neurosurgery & Psychiatry; 19:275-280.
- (309) *Smith, J.W.; & Sanford, J.P. (1967):* Viral arthritis.
Annals of Internal Medicine; 67 (3): 651-659 (September).
- (310) *Smith, R.J. (1971):* Anomalous muscle belly of the flexor digitorum superficialis causing carpal tunnel syndrome.
J.B.J.S.; 53-A: 1215-1216.
- (311) *Smukler, N.M.; Patterson, J.R.; Lorenz, H.; & Weiner, L. (1963):* The incidence of the carpal tunnel syndrome in patients with rheumatoid arthritis.
Arthritis Rheumatica; 6:298-299 (June).
Quoted by: *Leach, R.E.; & Odom, J.A. (1968):*
- (312) *Spittel, J.A. (1958):* Aneurysms of the hand and wrist.
Medical Clinics of North America, 42:1007-1010.

- (313) *Sponsel, K.H.; & Palm, E.T. (1965):* Carpal tunnel syndrome following Colles' fracture.
Surgery Gynecology and Obstetrics; 121:1252- 1256 (Dec.).
- (314) *Starreveld, E.; & Ashenhurst, E.M. (1975):* Bilateral carpal tunnel syndrome in childhood. A report of two sisters with mucopolidosis III (pseudo-Hurler polydystrophy).
Neurology; 25 : 238-238 (March).
- (315) *Stein, A.H. (1962):* The relation of median nerve compression to Sudeck's syndrome.
Surgery Gynecology and Obstetrics; 115:713-720 (Dec.).
- (316) *Stephens, J.; & Welch, K. (1956):* Acroparaesthesia. A symptom of median nerve compression at the wrist.
Archives of Surgery; 73:849-854.
- (317) *Sterling, A.P.; Eshraghi, A.; Anderson, W.J.; & Habermann, E.T. (1972):* Acute carpal tunnel syndrome secondary to a foreign body within the median nerve.
Bull. Hosp. Joint Dis.; 33:130-134.
Quoted by: *DeLuca, F.N.; and Cowen, N.J. (1975).*
- (318) *Stewart, J.D. (1978):* Tinel's sign and the carpal tunnel syndrome.
Br. Med. J.; 2:1125-1126.
- (319) *Stratton, C.W.; Phelps, D.B.; & Reller, L.B. (1978):* Tuberculous tenosynovitis and carpal tunnel syndrome caused by *Mycobacterium szulgai*.
The American Journal of Medicine; 65: 349-351 (August).
- (320) *Strauss, A. (1922):* Lipoma of the tendon sheaths.
Surgery Gynecology and Obstetrics; 35:161-171.
- (321) *Sunderland, S. (1945):* The internal topography of the radial, median and ulnar nerves.

Brain; 68:243-299.

- (322) *Sunderland, S. (1976): The nerve lesion in the carpal tunnel syndrome.*
J. Neurol. Neurosurg. Psych.; 39 : 615-626.
- (323) *Sutro, C.J. (1969): Carpal tunnel syndrome caused by calcification in the deep or volar radio-carpal ligament.*
Bull. Hosp. Joint Dis.; 30-23-27.
- (324) *Szabo, R.M.; Gelberman, R.H.; & Dimick, M.P. (1984): Sensibility testing in patients with carpal tunnel syndrome.*
J.B.J.S.; 66-A (1): 60-64 (January).
- (325) *Taleisnik, J. (1973): The palmar cutaneous branch of the median nerve and the approach to the carpal tunnel. An anatomical study.*
J.B.J.S.; 55-A: 1212-1217.
- (326) *Tanzer, R. C. (1959): The carpal-tunnel syndrome. A clinical and anatomical study.*
J.B.J.S.; 41-A: 626-634.
- (327) *Taylor, N. (1971): Carpal tunnel syndrome. Special review.*
American Journal of Physical Medicine; 50 (4): 192-213.
- (328) *Thomas, J.; Gseuz, K.; & Lambert, E. (1966): Long term results of operation for carpal tunnel syndrome.*
Mayo. Clin. Proc.; 41:232.
- (329) *Thompson, I.M. and Kimball, H.S. (1936): Effect of local ischemia upon human nerve fibers in vivo.*
Proceedings of the Society for experimental biology and medicine; 34: 601-603. Quoted by Saunderland, S.: Nerve lesion in carpal Tunnel syndrome.
J. Neurol. Neurosurg. Psych.; 39:615-621.
- (330) *Thompson, W.A.L.; & Kopell, H.P. (1959): Peripheral entrapment neuropathies of the upper limb.*

The New England Journal of Medicine; 260 (25): 1261-1265
(June 18).

- (331) *Tinel, J. (1915):* The sign of "Tingling" in lesions of peripheral nerves.
(Translation of: Le signe du " Fourmillement" dans les lesions
des nerfs peripherique).

Le presse Medicale; 23:388-389 (oct. 7)

Qouted by: *Wilkins, R.H.; & Brody, I.A. (1971).*

- (332) *Tobin, S.M. (1967):* Carpal tunnel syndrome in pregnancy.

American Journsl of Obstetrics and Gynecology; 97:493-498.

- (333) *Tompkins, D.G. (1967):* Median neuropathy in the carpal tunnel caused by
tumour-like conditions.

J.B.J.S.; 49-A: 737-740.

- (334) *Turek, S.L. (1977):* Orthopaedics. Principles and their application.

Third edition.

J.B. Lippincott company (philadelphia, Toronto).

The carpal tunnel syndrome : 972 - 975 & 993.

- (335) *Ulrich, L. (1977):* Anatomical variations of the median nerve in the carpal
tunnel.

Journal of Hand Surgery; 2:44-53.

- (336) *Vainio, K. (1957):* Carpal canal syndrome caused by tenosynovitis.

Acta Rheum. Scad.; 4:22-27.

Qouted by: *Hybbinette, C.H.; & Mannerfelt, L. (1975).*

- (337) *Valenta, L.J. (1975):* Hyperparathyroidism due to parathyroid adenoma and
carpal tunnel syndrome.

Annals of Internal Medicine; 82 (4): 541-542 (April).

- (338) *Vander Bracht, A.A. (1958):* Carpal tunnel syndrome.

Br. Med. J.; 1:1180-1181.

- (339) *Vemireddi, N.K.; Redford, J.B.; & Na Pombejara, C.H. (1979):* Serial

nerve conduction studies in carpal tunnel syndrome secondary to rheumatoid arthritis. " Preliminary study ".

Arch. Phys. Med. Rehabil.; 60 (9): 393-396.

(340) *Vicare, N.A. (1970):* Anomalous muscle belly of the flexor digitorum superficialis. Report of a cases.

J.B.J.S.; 52-B:757-759.

(341) *Von-Raven, M. (1978):* Aplasia of the motor branch of the median nerve.

Hand Chirurgie; 10 (1): 65-66.

Quoted in the: Cumulated Index Medicus (subject); 20: 8944, (1979):

(342) *Ward, L.E.; Bickel, W.H.; & Corbin, K.B. (1958):* Median neuritis (carpal tunnel syndrome) caused by gouty tophi.

J.A.M.A.; 167 (7): 844-846 (June 14).

(343) *Walshe, F.M.R. (1945):* On " acroparesthesia " and so-called "neuritis" of the hand and arms in women.

Br. Med. J.; 2:596-598.

(344) *Watson-Jones (1926):* Dislocations of the carpal semilunar bone.

Proceedings of the Royal Society of Medicine; 22:1075.

(345) *Watson-Jones, R. (1949):* Leri's pleonosteosis, carpal tunnel compression of the median nerves and Morton's metatarsalgia.

J.B.J.S.; 31-B: 560-571.

(346) *Watson-Jones, R. (1953):* Median nerve compression in the carpal tunnel.

J.B.J.S.; 35-B: 489.

(347) *Watson-Jones, R. (1964):* Encapsulated lipoma of the median nerve at the wrist.

J.B.J.S.; 46-B: 736

(348) *Watson-Jones, R. (1976):* Fractures and Joint Injuries.

Edited by: Wilson, J.N.

Fifth edition, Longman group limited, Churchill Livingstone.

Volume; 2:711,727 & 755.

- (349) *Weiland, A.J. (1976):* Volar fracture-dislocation of the second and third carpo-metacarpal joints associated with carpal tunnel syndrome. *Journal of trauma*; 16 (8): 672.
- (350) *Weinstein, J.D.; Dick, H.M.; & Grantham, S.A. (1968):* Pseudogout, hyperparathyroidism and carpal tunnel syndrome. *J.B.J.S.*; 50-A: 1669-1674.
- (351) *Weisl, H. and Osborne, G.V. (1964):* The pathological changes in rats nerves subject to moderate compression. *J.B.J.S.*; 46-B: 297-306.
- (352) *Weiss, K.L.; Beltran, J.; Shamam, O.M.; Stilla, R.F.; & Levey, M.L. (1986):* High field MR surface coil imaging of the hand and wrist. Part I. Normal anatomy. *Radiology*; 160:143-146.
- (353) *Weiss, K.L., Beltran, J.; & Lubbers, L.M. (1986):* High field MR surface-coil imaging of the hand and wrist. Part II. Pathologic correlations and clinical relevance. *Radiology*; 160:147-152.
- (354) *Wells, D.T. (1976):* Subcutaneous emphysema in a finger following an injection injury. *Journal of trauma*; 16 (1): 75 (January).
- (355) *Werschul, J.D. (1977):* Carpal tunnel syndrome with anomalous course of recurrent motor branch of the median nerve. *Journal of Neurosurgery*; 47 (1): 113-114 (July).
- (356) *Wertsch, J.J.; & Melvin, J. (1982):* Median nerve anatomy and entrapment syndromes. A review.

- Arch. Phys. Med. Rehabil.; 63 (12): 626-627.
- (357) *Westerman, R.A.; & Delaney, C.A. (1991):* Palmar cold threshold test and median nerve electrophysiology in carpal tunnel compression neuropathy.
Clin-EXP-Neurol.; 28:154-167.
- (358) *Wiley, A.M. (1959):* The carpal tunnel syndrome.
Postgraduate Medical Journal; 35:30-33 (January).
- (359) *Williams, L.F.; & Geer, T. (1963):* Acute carpal tunnel syndrome secondary to pyogenic infection of the forearm.
- (360) *Wilson, J.N. (1954):* Profiles of the carpal tunnel.
J.B.J.S.; 36-A: 127-132.
- (361) *Winkelman, N.Z.; & Morton, S. (1973):* A variant high sensory branch of the median nerve to the third web space.
Bull. Hosp. Joint Dis.; 34:161-166.
Quoted by: *Crandall, R.G.; & Hamel, A.L. (1979).*
- (362) *Woltman, H.W. (1941):* Neuritis associated with acromegaly.
Archives of Neurology & Psychiatry; 45:680-682.
- (363) *Wood, E.C. (1959):* Acroparaesthesia in pregnancy.
Br. Med. J.; 1:1254.
- (364) *Yamaguchi, D.H.; Lipscomb, P.R.; & Soule, E.H. (1965):* Carpal tunnel syndrome.
Minnesota Med.; 1:22-33 (January).
Quoted by: *McArthur, R.G.; Hayles; Gomez, M.R.; & Bianco, A. J. (1969), and by: Taylor, N. (1971).*
- (365) *Yeoman, P.M. (1964):* Fatty infiltration of the median nerve.
J.B.J.S.; 46-B: 737-739.
- (366) *Zachary, R.B. (1945):* Thenar palsy due to compression of the median nerve in carpal tunnel.

Surgery Gynaecology and Obstetrics; 81:213-217 (Aug.).

(367) Zohn, D.A.; Hughes, A.C.; & Haase, K.H. (1962): Carpal tunnel syndrome. A review.

Arch. Phys. Med. Rehabil.; 43:420-425 (Aug.).