



REFERENCES

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References

- Alarcon GS, and Koopman WJ. (1985):** The carpometacarpal ratio: A useful method for assessing disease progression in RA. *J Rheumatol*, 12:846.
- Allard SA, Muirden KD, and Maini RN (1991):** Correlation of histopathological features of pannus with patterns of damage in different joints in rheumatoid arthritis. *Ann Rheum Dis*; 50:278.
- Alsalameh s, Mollenhauer J, Hain N, Stock KP, Kalden JR, Burmester GR (1990).** Cellular immune response toward human articular chondrocytes. T cell reactivates against chondrocyte and fibroblast membranes in destructive joint diseases. *Arthritis rheum.*;33:1477-86.
- Anastassiades TP, Ley J, Wood A, and Irwin D. (1979):** The growth kinetics of synovial fibroblastic cells from inflammatory and non-inflammatory arthropathies. *Arthritis Rheum* 21:461.
- Anaya JM, Correa PA, Mantilla RD, et al (2001):** RA in African Colombians from Quibdo. *Semin Arthritis Rheum*; 31 (3): P 191-8, Dec.
- Annefeld, M. (1983):** The potential aggressiveness of synovial tissue in rheumatoid arthritis. *J Pathol.* 139:399.
- Auger I, Escola JM, Gorvel JP, Roudier J (1996):** HLA-DR4 and HLA-DR10 motifs that carry Susceptibility to rheumatoid arthritis bind 70-KD heat shock proteins. *Nature Medicine*; 2:306-10
- Ball J. (1954):** Quoted from Buchanan W.W (1978) in copeman's textbook of rheumatic diseases 5th ed. By Scott J.T printed in

- Great Britain by T&A constable Ltd, Edinburgh. Ch, 13 p. 318-364.
- Barton JC, Prasthofer EF, Egan ML. (1986):** RA associated with expanded populations of granular lymphocytes. *Ann Int. Med*, 104:314.
- Bas S, Pcrneger TV, Seitz M, et al (2002):** Diagnostic tests for R.A: comparison of antibodies and IgM rheumatoid factor. *Rheumatology oxford*; 41 (7): P 809-14, Jul.
- Bauer, EA, Cooper TW, Huang JS, Altman J, and Deuel TF. (1985):** Stimulation of in vitro human skin collagenase expression by platelet-derives growth factor. *Proc Natl. Acad. Sci. USA*, 82:4132.
- Bennett GA, Zeller JW, Bauer W. (1940):** Quoted from Harries, ED Jr. (1997): In: *Textbook of Rheumatology*, 5th edition volume II, chapter 55, p. 917. Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- Biernond P, Swaak AJG, Van Eijik HG, and Koster JF. (1986):** Intraarticular ferritin bound iron in rheumatoid arthritis. *Arthritis Rheum*; 29:1187.
- Bland J. (1974):** RA of the cervical spine. *J Rheumatol*, 1:319.
- Boers M, Dijhmans AC, Breedveld FC. (1990):** Subclinical renal dysfunction in rheumatoid arthritis. *Arthritis Rheum*. 33:pp.95-101.
- Boki KA, Kurki P, Holthofer H, et al(1995):** Prevalence of antikeratin antibodies in Greek patients with RA. *J rheumatol*; 22 (11): P 2046-8, Nov.

- Brewerton DA (1957):** Quoted from Harris, ED Jr. (1997). In: Textbook of Rheumatology, 5th edition volume II, Chapter 55, p. 913. Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S; and Sledge, C.B. W. B. Saunders Company, Philadelphia, London, Toronto, Montreal; Sydney, Tokyo.
- Bromley M, Fisher WD, and Woolley DE. (1984):** Mast cells at sites of cartilage erosion in the rheumatoid joint. *Ann Rheum Dis*; 43:76.
- Buyon JP, Korchak HM, Rutherford LE, Gengyly M, & Weissmann G. (1984):** Female hormones reduce neutrophil responsiveness in vitro. *Arth Rheum*. 27:623.
- Bywaters EGL. (1957):** Quoted from valente. RM, Hall. S,O' Duffy. D & Conr, D. (1997). In: Textbook of Rheumatology, 5th edition volume II, chapter 68, p. 1110. Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- Campbel, M.J and Machin, D. (1993):** Statistical inference. In medical statistics. A common sence approach, campbel, M.J. and Machin, D. (Eds). John wiley, Sosh Chischessler, New york, Brisbance , Toronto.
- Cheung HS, Halverson PB, and McCarty DJ. (1981):** Release of collagenase, neutral proteinase, and prostaglandin from cultured mammalian synovial cells by hydroxyapatites and calcium pyrophosphate dihydrate crystals. *Arthritis Rheum*; 24:1338.
- Cimmino AM, Parsi M, Moggaiana G, et al (1998) :** Prevalence of rheumatoid arthritis in Italy.The chiavarie study. *Ann Rheum Dis* 57:315.

- Cochrane W, Davies DV, Dorling J, and Bywaters EGL. (1964):** Ultramicroscopic structure of the rheumatoid nodule. *Annals of Rheumatic Diseases*; 23:345-363.
- Cohen IR, Holschits J, Van Eden W. (1985):** T-lymphocyte clones illuminate pathogenesis and effect of therapy of experimental arthritis. *Arth & Rheum*, 28: 841-5.
- Combe B, Andary M, Caraux J. (1986):** Characterisation of an expanded sub-population of large granular lymphocytes in a patient with RA. *Arthritis Rheum*. 29:675.
- Cooper C; Coupland C; and Mitchell M. (1995):** Rheumatoid arthritis, corticosteroid therapy and hip fracture. *Ann Rheum Dis*. 54; pp 49-52.
- Copeman WSC. (1963):** Quoted from Harries, ED Jr. (1997). In: *Textbook of Rheumatology*, 5th edition volume II, chapter 55, p. 911. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- Cordonnier C, Meyer O, Palazzo E, et al (1997):** Diagnostic value of anti-RA 33 antibody, antikeratin antibody, antiperinuclear factor and antinuclear antibody in early RA: Comparison with RF. *Br J Rheumatol* ; 36 (60): 710-2, Jun.
- Crisp AJ, Chapman CM, Kirkham SE, Schiller AL, and Krane Sm. (1984):** Articular mastocytosis in rheumatoid arthritis. *Arthritis Rheum*; 27:845.
- Cruickshank B. (1954):** Quoted from Currey H.L (1978) in Copeman's *textbook of rheumatic diseases* 5th ed. By Scott J.T printed in Great Britain by T & A constable Ltd, Edinburgh. Ch, 12 P. 273-317.

Dadson WH, and Hollignsworth JW: Pleural effusion in RA (1966):

Quoted from Harries, ED Jr. (1997). In: Textbook of Rheumatology, 5th edition volume II, chapter 55, p. 920. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.

Dayer JM, Goldring SR, Robinsom DR, (1980): Cell-cell interactions and collagenases production . In Wooley, D.E., and Evanson, JM. (eds): Collagenase in normal and pathological connective tissues. New York, John Wiley & Sons; pp. 873-1104.

Dixon A, St J, and Ball J. (1957): Quoted from Harris ED Jr. (1997). In: Textbook of Rheumatology, 5th edition volume II, chapter 55, p. 920. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.

Eberhardt, K, Fex F, Jognson K, and Geborek P. (1995): Hip involvement in early rheumatoid arthritis. Ann Rheum Dis. 54: 45-48.

Edwards DR, Murphy G, Reynold JJ, Whitham SE, Docherty AJP, Angel P, and Heath JK. (1987): Transforming growth factor beta modulates the expression of collagenase and metalloproteinase inhibitor EMBO J; 6: 1899.

Eisen AA, Bauer EA, Stricklin GP, Seltzer JL, Koob TJ, and Jeffrrey JJ. (1977): Control of human skin collagenase activity. In McCabe, BF., Sade J, and Abramson M. (eds): Cholesteatoma. First International Conference Birmingham, Aesculapius Publishing Co., p. 115.

- Fassbender HG. (1983):** Histomorphologic basis of articular cartilage destruction in rheumatoid arthritis. *Coll Relat Res*, 3:141-55.
- Firestein GS, and Zvaifler NJ. (1990):** How important are t-cells in chronic rheumatoid synovitis? *Arthritis Rheum*, 33:768-73.
- Fisher WD, Golds EE, Van Der Rest M, Cooke TD, Lyons HE, and Poole AR. (1982):** Stimulation of collagenase secretion from rheumatoid synovial tissue by human collagen peptides. *J Bone Joint Surg*; 64:546.
- Fisher, RA. (1964):** Statistical methods of research workers 10th ed., Edinburgh, Oliver and Boyd.
- Franco AE, Levine HD and Hall AP, Rheumatoid Pericarditis (1972):** Report of 17 cases diagnosed clinically. *Ann Intern Med*, 77:837.
- Gao X, Brautbar C, Gazit E. (1991):** A variant of HLA-DR4 determines susceptibility to rheumatoid arthritis in a subset of Israel Jews. *Arthritis Rheum*, 34:547-551.
- Gardner DL, Duthie JR, Macleod J, and Allan WSH. (1957):** Quoted from Harris, ED Jr. (1997). In: *Textbook of Rheumatology*, 5th edition volume II, chapter 55, p. 921. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- Gardner DL, Krieg AF, and Chapnick R. (1966):** Quoted from Gardner DL (1978) in Copeman's textbook of rheumatic diseases 5th ed. By Scott J.T printed in Great Britain by T& A Constable Ltd, Edinburgh. Ch, 12 p. 273-317.
- Gardner DL. (1972):** The pathology of rheumatoid arthritis Edward Arnold, London, Ch. 41, p. 674.

- Gardner DL. (1986):** Pathology of rheumatoid arthritis. In JT Scott (ed.): copeman's. Textbook of the Rheumatic Diseases sixth edition Churchill Livingstone, pp. 604-652.
- Genevay S, Hayem G, Verpillat P, et al (2002):** An 8 year prospective study of outcome predication by antiperinuclear factor and antikeratin antibodies at onset of RA {In process citation}. Ann Rheum Dis; 61 (8): p 734-6, Aug.
- Golbus J. (1993):** Changing concepts in treatment of RA: Be more aggressive, Modern Med. Middle East, pp. 10:34-36.
- Gordon GV, and Edell S. (1988):** Ultrasound evaluation of popliteal cysts. Arch Intern Med, 140, p. 1453.
- Goupille P,, Fouquet B, Cotty P, Goga D, Mateu J, and Valat JP. (1990):** The tempromandibular joint in rheumatoid arthritis; correlation between clinical and complex tomography features. J Rheumatol 17:p. 1285.
- Graham R, Armstrong R, Simmons N, Wilton JMA, Dyson M, Laurant R, Millis & Mims CA. (1983):** Chronic arthritis associated with the presence of intrasynovial rubella virus. Ann Rheum Dis, 42:2.
- Gravallese EM, Carson JM, and Coblyn JS. (1989):** Rheumatoid aortitis: A rarely recognized but clinically significant entity. Medicine, 68 (2): 95.
- Gray RG, and Gottlieb BL. (1977):** Hand flexor tenosynovitis in RA. Arthritis Rheum, 20: 1003.
- Haase At. (1986):** Pathogenesis of Lenti-virus infection. Nature, 322:130.
- Harris ED, JR, Glauert AM, and Murley AHG. (1977):** Intracellular collagen fibers in the pannus. Arthr Rheum, 20:657-665.

- Harris ED, Jr. (1993):** Etiology and pathogenesis of RA. In: textbook of rheumatology. Edited by Kelly, WN. Harris ED, Ruddy S, and Sledge CB. Vol. II., pp. 833-66 Saunders Company.
- Harris, ED JR (2001):** quoted from text book of Rheumatology 6th edition volume II chapter 55: P980 edited by. Edited by Kelly, W.N., Harris, E.D, Ruddy S, and Sledge, Toronto, Montreal, Sydney, Tokyo.
- Hasselbacher P, McMillan RM, Vater CA, Hanhn J, and Harris ED, JR. (1981):** Stimulation of secretion of collagenase and prostaglandin E2 by synovial fibroblasts in response to crystals of monosodium urate monohydrate: A model for joint destruction in gout. Trans Assoc Am Phys, 94:243.
- Hassfeld W, Steiner G, Studnicka-Benke A, Skriner K, Graninger W, Smolen JS (1995):** Autoimmune response to the splice some. An immunologic link between rheumatoid arthritis, mixed connective tissue disease, and systemic lupus erythematosus. Arthritis Rheum. 1995; 38:777-85.
- Hastings DE, and Evans JA. (1975):** Rheumatoid wrist deformities and their relation to ulnar drift. J Bone Surg, 57A: 930.
- Hazes JMW. (1991):** Pregnancy and its effect on the risk of developing RA. Ann Rheum Dis, 50:71.
- Hearkens AH, Hiemstra PS, Lafeber GJ, Daha MR, Breedveld FC(1989):** Anti-endothelial cell antibodies in patients with rheumatoid arthritis complicated by vasculitis. Clinical and Experimental immunology; 78:7-12.
- Helliwell PS, Zebouni LNP, Porter G, and Wright V. (1993):** A clinical and radiological study of back pain in rheumatoid arthritis. Br J Rheum, 32; pp. 216-221.

- Hohn JT, JR, Hough A, and Sergent JS. (1979):** Pericardial disease in RA. *Am J Med*, 66: 385.
- Holmdahl R, Malmstrom V, Vuorio E (1993):** Autoimmune recognition of cartilage collagens. *Ann Med*; 25:251-64.
- Jacob J, Sartoris D, Kursunoglu S. (1986):** Distal interphalangeal joint involvement in RA. *Arthritis Rheum*, 29:10, 1986.
- Janssens X, Veys E, Verbruggen G, Declercq L (1998):** The diagnostic significance of the antiperinuclear factor for rheumatoid arthritis. *J Rheumatol*; 15:1346-50.
- Kals J. and Hall N. (1991):** Feedback regulation of antibody production: role in AR. *Ann Rheum. Dis.* 50:833-5.
- Karvonen RL, Negendank WG, Fraser SM, And Maye MD, (1990):** Articular cartilage defects of the knee: Correlation between magnetic resonance imaging and gross pathology. *Ann Rheum Dis*, 49.
- Kessel A, Rosner I, Zucker man E, Golan TD, Toubi E (2000):** Use of antikeratin antibodies to distinguish between RA and poly arthritis associated with hepatitis C infection. *J Rheumatol* ,27 (3): P 610-20, Mar.
- Khong TK, and Rooney PJ. (1982):** Manubriosternal joint subluxation in RA *J Rheum*, 9: 712.
- Kim RC, Collins CH, and Parisi JE. (1982):** Rheumatoid nodule formation within the choroid plexus-report of a 2nd case. *Archives of pathology and Laboratory Medicine*, 106: L 83-84.
- Klemperer P, Pollack AD, and Bachr R. (1942):** diffuse collagen Disease, acute disseminated lupus erythmatosus and diffuse scleroderma. *Journal of the America Medical Association*; 119:331-332.

- Klippel J.H and Paul D.P. (1998):** Quoted from text book of rheumatology edited by Klippel J.H. and Paul D.P. published by Mofby 2nd edition section 5 RA chapter laboratory test in Rheumatic disorder.
- Kobayashi I, and Ziff M. (1975):** Electron junction in rheumatoid Arthritis Rheum; 18: 475.
- Kotb H. (1991):** Crioarytenoid joint involvement in rheumatoid arthritis patients. Master degree in Rheumatology and Rehabilitation, Faculty of Medicine, Cairo University.
- Krane SM, Conco W, Stephenson ML, and Golding MB. (1990):** Mechanisms of matrix degradation in rheumatoid arthritis. Ann Ny Acad. Sci., 580:340-54.
- Kurki P, Von Essen R, Kaa rela K, et al (1997):** antibody to stratum corneum (antokeratin antibody) and peri nuclear factor: markers for progressive RA. Scand J Rhrumatol; 26 (5): P 346-9.
- Lawry GV, Finerman ML, Hanafee WN. (1984):** Laryngeal involvement in RA. Arthritis Rheum, 27: 873.
- Li H, Li X, Gan X(2000):** Specific antibodies for early diagnosis of RA, Zhonghua Yi Xue Za ZH; 80 (1): P 40-4, Jan.
- Maiani RN, and Zyberk CP. (1988):** The significance of CD5+ B-cells in rheumatic diseases Scand. J Rheumatol, 76: 237.
- Malone DG, Irani AM, Schwartz LB, Barrett KE, and Metcalfe DD. (1987):** Mast cell numbers in rheumatoid synovial tissues. Arthritis Rheum, 30:130.
- Martin L, and Benson WC. (1987):** An unusual synovial cyst in RA. J Rhumatol, 14:139.
- Masi AT. (1967):** Quoted from Dippe PA, Doearty M., MacFarlane D. and Maddison P. (1985): RA in Rheumatological Medicine, ed. by Dippe PA., Doearty M., MacFarlane D. and Maddison P.PP: 41-64, Churchill Livingstone, Edinburgh, London and New York.
- McCarty DL, and Gatter RA. (1966):** Quoted from Harris, ED Jr. (1997). In: Textbook of Rheumatology, 5th edition Volume II,

- Chapter 55, p. 913. Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- McColl GJ, Carm DS, Harrison LC (1995):** Antibodies to Synovial Antigens in Recent-Onset Rheumatoid-Arthritis. *Arthritis Rheum*; 38: 1418-1428.
- McCroskery PA, Wood S, JR, and Harris ED, JR. (1973):** Gelatin: A poor substance for a mammalian collagenase. *Science*; 182: 70.
- McGuigan L, Burke D. and Fleming A. (1993):** Tarsal tunnel syndrome and peripheral neuropathy in rheumatoid disease. *Ann Rheum Dis*, 42:128.
- Millis MB, Millender LH, and Nalebuff EA. (1976):** Stiffness of the proximal interphalangeal joints in RA. *J Bone Joint Surg*, 58A: 801.
- Miyaska N, Satok K, Gata M, and Nishioh KL. (1989):** Immunological and immunohistochemical analysis of rheumatoid nodules. *Ann Rheum Dis*, 48: p. 220-226.
- Moffat DA, Ransden RT, Rosenberg JN. (1997):** Otoadmittance measurements in patients with RA. *J Laryngol Otol*, 91:917.
- Moht W, and Wessinghage D. (1978):** The relationship between polymorphonuclear granulocytes and cartilage destruction in rheumatoid arthritis. *J Rheumatol*, 37:81.
- Mollenhauer J, Von der Mark K, Burmester G, Gluckert K, Lutjen-Dercol E, Brune K (1988):** Serum antibodies against chondrocyte cell surface proteins in osteoarthritis and rheumatoid arthritis *J Rheum*. 1988; 15 : 1811-7.

- Moore CP, and Willkens RF. (1997):** The substances nodules: its significance in the diagnosis of rheumatic disease. *Seminars in Arthritis and Rheumatism* 7: 63-79.
- Moynier M, Cosso B, Brochier J. (1987):** Identification of class II HLA alloantibodies in placement-eluted gamma globulins used for treating RA. *Arth Rheum*, 30:375.
- Muirden KD. (1970):** The anemia of rheumatoid arthritis: The significance of iron deposits in the synovial membrane. *Aust Ann Med*; 2:97.
- Murayama T, Jisaki F, Ayata M. (1992):** Cytomegalovirus genomes demonstrated by polymerase chain reaction in synovial fluid from RA patients. *Clin Exp Rheumatol*, 10:161.
- Nakano KK, Schoene WC, Baker RA and Dowson DU. (1978):** The cervical myelopathy associated with RA. *Am Neuro Assoc*, 3:144.
- Nogueira L, sebbage M, vincent C, et al (2001):** Performance of two ELIAs for antifilaggrin auto antibodies, using either affinity purified or deiminated recombinant human filaggrin, in the diagnosis of RA. *Ann Rheum Dis*; 60 (9): P 882-7, Sep.
- O'Farrelly C, Price R, McGillvarary AJ. (1989):** IgA-Rf and IgG dietary protein antibodies are associated in RA. *Immunol Invest*, 18 (6): 743-64.
- Okada Y, Konomi HM, Yada T, Kimata K, and Nagase H. (1989):** Degradation of type IX collagen by matrix metalloproteinase (stromelysin) from human rheumatoid synovial cells. *FEBS lett.*; 244:473.
- Okada Y, Nagase H, and Harris ED, JR. (1986):** A metalloproteinase from human rheumatoid synovial fibroblasts that digests

- connective tissue matrix components: Purification and characterization. *J Biol Chem*, 261: 14245.
- Okazaki I, Brinckerhoff CE, Sinclair JF, Sinclair PR, Bonkowsky HL, and Harris ED, JR. (1981):** Iron increases collagenase production by rabbit synovial fibroblasts. *J Lab Clin Med*, 97: 396.
- Pagel W, and Treip CS. (1955):** Quoted from Gardner, DL (1978) in Copeman's textbook of rheumatic diseases 5th ed. By scott J.T printed in Great Britain by T & A constable Ltd, Edinburgh. CH. 12 p. 273-317.
- Panush RS, Kartz P, Lonhelys, Yonker RA(1985):** Detection and quantitation of circulating immune complexes in arterial blood of patients with rheumatic disease. *Clin immunol pathol* 36:217.
- Penhale WL, Talal N, and Arnod SA. (1985):** Sex Hormones, immune response and autoimmune disease. *Am J Pathol*, 121: 431.
- Pincus T, and Callahan IF. (1992):** Early mortality in RA predicted by poor clinical status. *Bull Rheum Dis*, 41:4.
- Podlesk WK, and Allman JR. (1991):** Inhibition and antibody-dependent allergic autocytotoxicity in RA. *Int J Immunopharmacol*, 13 (2-3): 125-8.
- Portner MM, and Gracie WA. (1966):** Quoted from Harris, ED Jr. (1997). In: Textbook of Rheumatology, 5th edition Volume II, Chapter 49, P. 921. Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo.
- Posilar IA, Burbank B, levitt LM, Katz HM, & Morrion TG. (1960):** Quoted from Harris, ED Jr. (1997). In: Textbook of Rheumatology, 5th edition Volume II, Chapter 49, P. 991. Edited

by Kelly, W.N.; Harris, E.D. Ruddy, S; and Sledge, C.B. W.B. Saunders Company, Philadelphia, London, Toronto, Montreal, Sydney, Tokyo

Radoux V, Menard HA, Begin R. (1987): Airway disease in RA patients. One element of a general exocrine dysfunction. *Arthritis Rheum*, 30:249.

Rask MR. (1978): Achilles tendon rupture owing to rheumatoid disease. *JAMA*, 239: 435.

Roberts WN, Daltroy LH, and Anderson RJ. (1988): Stability of normal joint findings in persistence classical RA. *Arth Rheum*, 31:267.

Romain P, Burmester G, Enlow R. (1982): Multiple abnormalities in immuno regulatory function of synovial compartment in RA. *Rheumatol Int.*, 2:121-7.

Roneli J, Lysholm J, Engstrom-Laurent A, Klareskog L, B (1994): Local anti-type II collagen antibody production in rheumatoid arthritis synovial fluid. Evidence for an HLA-DR4-restricted IgG response, *arthritis Rheum*, 37:1023-9.

Salisbury MD, and Nottage WM. (1985): A new evaluation of gross pathologic changes and concepts of rheumatoid articular cartilage degeneration. *Clin Orthop Rel Res* . 199:243.

Saraux A, Berthelot JM, Chales G, et al (2002): value of lab. tests in early prediction of RA. *Arthritis Rheum*; 15: 47 (2): p155-65, Apr.

Schroder AE, Greiner A, Seyfert C, Berek C (1996): differentiation of B-Cells in the Nonlymphoid Tissue of the synovial-Membrane of Patients with rheumatoid-arthritis. *Proc Nat Acad Sci. (USA)*; 93:221-5.

- Schumacher HR, and Kitridou RC. (1972):** Synovitis of recent onset. A clinicopathological study during the first month of disease. *Arthritis Rheum.* 15:465.
- Schumacher HR, Klippel JH, and Koopman WJ. (1993):** Rheumatoid arthritis: clinical features and laboratory parameters of disease activity. In: Schumacher HR, Klippel JH, and Koopman WJ. (eds) primer on the rheumatic disease, 10th ed., arthritis foundation, (publ.), Atlanta, Georgia :90-94.
- Scott DL (2000):** Prognostic factors in early RA. *Rheumatology oxford*; 39 Suppl; 1:24-9, Jun.
- Seglias J, Li EK, Cohen MG. (1992):** linkage between rheumatoid arthritis susceptibility and the presence of HLA-DR4 and DRB allelic third hypervariable region sequences in southern Chinese person. *Arthritis rheum.*, 35:163-167.
- Sharpino JS. (1970):** A new factor in the aetiology of ulnar drift . *Clin Orthop*, 68:32.
- Shizawa S, Shiozawa K, and Fujita T. (1983):** Morphologic observation in the early phase of the cartilage- pannus junction. *Arthritis Rheum*; 6:472.
- Siegle I, Klien T, Backman JT, et al (1998):** Expression of cyclooxygenase 1 and 2 in human synovial tissue: Differential elevation of cyclooxygenase 2, inflammatory joint diseases, *arthritis Rheum* 41:122,.
- Slack SL, Mannik M, Dale BA (1998):** Diagnostic value of antibodies to filaggrin in RA *J Rheumatol*; 25 (5): P 847-51, May.
- Springer TA(2002):** Cesar Milstein, the father of Modern immunology. *Nat immunol*; 3 (6): 501-3, Jun.

- Stevens JC, Cartilage NEF, and Saunders M. (1971):** Atlantoaxial subluxation and cervical myelopathy in rheumatoid arthritis. *Q J Med* 40:341.
- Taylor HG, Borg AA. and Dawes PT. (1992):** Human parvovirus B19&RA. *Clin Rheumatol* H: 548
- Vanghan-Jackson OJ. (1962):** Quoted from Harris, ED Jr. (1997). In: *Textbook of Rheumatology*, 5th edition volume II, chapter 55, p. 913. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Phildephïa, London, Toronto, Montreal, Sydeny, Tokyo.
- Vasiliauskiene L, wiik Am Hoier-Madsen M(2001):** Prevalence and clinical significant markers in. ithuanian patients with RA *Ann Rheumatol Dis*; 60 (5): P 459-66, May.
- Vittecoq O, Joven-Beades F, Krzanowska K, et al (2001):** Rheumatoid factors, anti-flaggrin antibodies and low in vitro interleukin-2 and interferon-gamma production are useful immunological markers for early diagnosis of RA. *Join bone spine*; 64 (2): P 144-53, Mar.
- Wahl SM, Malone DG, and Wolder RL. (1985):** Spontaneous production of fibroblastactivating factor (S) by synovial inflammatory cells. *J Exp Med*,161:210.
- Walker WC, and Wright V. (1997):** Quoted from Harris, ED Jr. (1997). In: *Textbook of Rheumatology*, 5th edition volume II, chapter 55, p. 920. Edited by Kelly, W.N.; Harris E.D.; Ruddy, S.; and Sledge, C.B. W.B. Saunders Company, Phildephia, London, Toronto, Montreal, Sydeny, Tokyo.
- Weiner S, Bassett L. and Spiegel T. (1982):** Superior, posterior and lateral displacement of C1 in RA. *Arthritis Rheum*, 25:1378.

- Werb Z, and Aggeler J. (1978):** Proteases induce secretion of collagenase and plasminogen activator by fibroblasts. *Proc. Natl Acad Sci USA*, 75:1893.
- Weyand CM, Hicok KC, Conn DL, Goronzy JJ. (1992):** The influence of HLADR B1 genes on disease severity in RA. *Ann Intern Med*, 117:801.
- Winchester RJ, Litwin SD and Koffler D. (1971):** Observation on eosinophilia of certain patients with RA. *Arth Rheum*, 14:650-665.
- Winchester RJ, Agnellov, Kunkel HG (1970):** Gamma globulin complexes in synovial fluids of patients with RA, *Clin Exp Immunot* 6:689.
- Winfield J, Young A, Williams P. (1983):** Prospective study of the radiological changes in hands, feet and cervical spine in adult rheumatoid disease. *Ann Rheum Dis*, 42:613.
- Wisniewski JJ, and Askari AD. (1981):** Rheumatoid nodulosis- a relatively benign rheumatoid variant. *Archives of Internal Medicine* 141:615-622.
- Wolfe F, Cathey MA, Roberts FK (1991):** The latex test revisited, Rheumatoid factor testing in 8,287 rheumatic disease patients. *Arthritis Rheum*; 34:951-60.
- Yelin E, Wanke I.A (1999):** An assessment of the annual and long-term direct costs of rheumatoid arthritis. *Arthritis Rheum* 42:1209.
- Ziff M. (1990):** The rheumatoid nodule. *Arth Rheum* 33:761-767.
- Zvaiflar NJ. (1995):** Etiology and pathogenesis of R.A. In . McCarty. D.J. and Koopman W.J. (eds) arthritis and allied conditions. Ed . 12 . Philadelphia. Lea and Febiger, p.659