

REFERENCES

- Abdel-Meteal, M.M.; El Meligy, M.R. and El-Badawy, S.A. (1981):
Involvement of the cervical vertebrae in rheumatoid arthritis. Egyptian Rheumatologist; 3: 25-35.
- Arnason, J.A.; Jonsson, T.H. and Valdimarsson, H. (1987):
Relation between bone erosions and rheumatoid factor isotypes. Ann. Rheum. Dis.; 46: 380-384.
- Bardin, D.; Legrand, L. and Debeyre, N. (1985):
HLA antigens and seronegative rheumatoid arthritis. Ann. Rheum. Dis.; 44: 50-56.
- Barnes, C.G. and Mason, M. (1975):
Rheumatoid arthritis. In "An introduction to clinical rheumatology". Ed. by Mason, M. and Currey, H.L. 2nd Ed. p. 24 Philadelphia: Pitman.
- Bennett, J.C. (1981):
The aetiology of rheumatoid arthritis. In "Textbook of Rheumatology". Edited by Kelly, W.N.; Harris, E.D.; Ruddy, S. and Sledge, C.B. 1st Ed. pp. 887-895. Philadelphia, London, Toronto, Saunders.
- Bernes, D.L.; Lockie, L.M. and Norcross, B.M. (1964):
Roentgen changes in early rheumatoid arthritis in wrists, Hands and Feet. Radiology; 82: 645-654.
- Bierther, M.F. and Wegner, K.W. (1971):
Elektronenmikroskopische untersuchungen synovialer Gefasueranderungen bie chronischer polyarthritits. Zeitsschrift fur Rheumaforschung; 30: 214-220. Quoted after Gardner, D.L. (1978) in (Copeman's Textbook of Rheumatic Diseases).

Bilka, P.J. (1968):

Physical signs in rheumatoid arthritis. Med. Clin. N. Amer.; 52: 493.

Bland, J.H. and Brown, E.W. (1964):

Seronegative rheumatoid arthritis: clinical, radiological and biochemical differences. Ann. Int. Med.; 60: 88-94.

Bland, J.H. (1974):

Rheumatoid arthritis of the cervical spine. J. Rheum.; 2: 319.

Brewerton, D.A. (1957):

Hand deformities in rheumatoid disease. Ann. Rheum. Dis.; 16: 183.

Brook, A.; Fleming, A. and Corbett, M. (1977):

Relationship of radiological changes to clinical outcome in rheumatoid arthritis. Ann. Rheum. Dis.; 36: 274-275.

Buchanan, W.W. and Kean, W.F. (1986):

Articular and systemic manifestations of rheumatoid arthritis. In "Copeman's textbook of the rheumatic diseases", ed. by Scott, J.T., 6th edition, Churchill Livingstone, London and New York, pp. 653-705.

Burns, T.M. and Calin, A. (1983):

Hand radiograph as a diagnostic discriminant between seropositive and seronegative rheumatoid arthritis. Ann. Rheum. Dis.; 42: 605-612.

Capra, J.D.; Winchester, R.J. and Kunkel, H.G. (1971):

Hypergamma-globulinaemic purpura. Studies on the unusual antigamma globulins characteristic of the sera of these patients. Medicine; 50: 125.

- Castillo, B.A.; El-Sallab, R.A. and Scott, J.T. (1965):**
Physical activity, cystic erosions and osteoporosis in rheumatoid arthritis. *Ann. Rheum. Dis.*; 24: 522.
- Cecil, R.L.; Nichols, E.E. and Stainsby, W.J. (1931):**
The aetiology of rheumatoid arthritis. *Am. J. Med.*; 181: 12.
- Collins, L.C.; Lidsky, M.D.; Sharp, J.T. and Moreland, L. (1972):**
Maposition of carpal bones in rheumatoid arthritis. *Diagnostic radiology*; 103: 95-98.
- Collins, W.J. and Jayson, M.I. (1972):**
Measurement of pedal pressures. An illustration of a method. *Ann. Rheum. Dis.*; 31: 215.
- Crawford, D.H. and McLachlans, M. (1983):**
The relationship between the Epstein-Barr virus and rheumatoid arthritis. *British Journal of Rheumatology*; 22: 129-133.
- Croft, J.D. and Jacox, R.F. (1968):**
Rheumatoid "ganglion" as an unusual presenting sign of rheumatoid arthritis. *JAMA*; 203: 144.
- Davis, J.S. (1986):**
Rheumatoid factors. In: "Rheumatology and Immunology". Ed. by Cohen, A. and Bennett, J. 2nd edition pp. 81-84. New York, San Diego, London, Tokyo: Grune and Stratton, Inc.
- DeCarvalho, A. and Graudal, H. (1980):**
Relationship between radiologic and clinical findings in rheumatoid arthritis. *Acta Radiologica*; 21: 797-802.

- De Smett, A.A.; Martin, N.L.; Fritz, S.L. and Lindsley, H.B. (1981):**
Radiographic projections for the diagnosis of arthritis of the hands and wrists. *Diagnostic Radiology*; 139: 577-581.
- Dixon, A.J. (1971):**
The rheumatoid Foot. In: "Modern trends in Rheumatology". Ed. by Hill, A.G. 2nd ed. pp. 158-173. London: Butterworths.
- Dunne, J.U.; Carson, D.A. and Spiegelberg, H.L. (1979):**
IgA rheumatoid factor in the sera and saliva of patients with rheumatoid arthritis and Sjogren's syndrome. *Ann. Rheum. Dis.*; 38: 161.
- Edeiken, J. and Hodes, P.J. (1967):**
Roentgen diagnosis of diseases of bone. 1st Edition, pp. 6.398-6.407. Baltimore, Williams and Wilkins.
- Fleming, A.; Crown, J.M. and Corbett, M. (1976):**
Early rheumatoid disease. *Ann. Rheum. Dis.*; 35: 357.
- Fogelman, I. (1986):**
Rheumatoid arthritis and osteoporosis. *British Journal of Rheumatology*; 25: 240-241.
- Fong, S.; Carson, D. and Vaughan, J. (1985):**
Rheumataid factor. In "Immunology of Rheumatic Diseases". Ed. by Gupta, S.; and Talal; N. 2ndpp. 167-196 New York London: Plenun Medical Book comp.
- Fye, K.H.; Moustsopoulos, H.M. and Talal, N (1982):**
Rheumatic diseases. In "Basic and clinical Immunology" Ed. by Fudenberg, H.; Stites, D. and Wells, J. 3rded. p. 422. California: Hange.

Gardener, D.L. (1986):

Pathology of rheumatoid arthritis. In "Copeman's textbook of the rheumatic diseases", ed. by Scott, J.T., 6th edition, Churchill Livingstone London and New York, pp.604-652.

Gear, J.A.; Edwards, J.M.; Maini, R.N.; and Ansell, B.M. (1986):

Rheumatoid arthritis, Juvenile arthritis, iridocyclitis and the Epstein-Barr virus. Ann. Rheum. Dis.; 45:6-8

Genant, H.K (1979):

Radiology of rheumatic disease. In "Arthritis and allied diseases". Edited by McCarty, D.J. 9th Ed. pp.70-130. Philadelphia: Lea and Febiger.

Genant, H.K. (1983):

Methods of assessing radiographic changes in rheumatoid arthritis. Am. J. Med.; 74:35-47.

Gevers, G.; Devos, P.; De Roo, M.; and Dequeker, J. (1986):

Increased levels of osteocalcin (Serum bone GLA-protein) in rheumatoid arthritis. British Journal of Rheumatology; 25:260-262

Gofton, J.P.; and O'Brien, W.N. (1982):

Effects of auranofin on the radiological progression in rheumatoid arthritis. Journal of Rheumatology; 9:169-172.

Halla, J.T.; Fallahi, S. and Hardin, J.G. (1986):

Small joint involvement: a systemic roentgenographic study in rheumatoid arthritis. Ann. Rheum. Dis. 45:327-330

Harris, E.D. (1981a):

Pathogenesis of rheumatoid arthritis In "Textbook of Rheumatology". Edited by Kelly, W.N.; Harris, E.D; Ruddy, S.; and Sledge, C.B. 1stEd. pp. 896-927. Philadelphia, London, Toronto: Saunders.

Harris, E.D (1981b):

R.A, the clinical spectrum. In "Textbook of Rheumatology" by Kelly, W.N.; Harris, E.D.; Ruddy, S.; and Sledge, C.B., 1stEd. pp.928-963 Philadelphia, London, Toronto: Saunders.

Harrison, M.O.; Freiburger, R.H.; and Ranawat, C.S. (1971):

Arthrography of the rheumatoid wrist joint. American Journal of Roentgenology; 112:480

Hassan, S.; Mansour, N.; Abdel Hafez, Y.; seddeik M.; Hamdy, R.; and Mohgoub, M. (1987):

Radiological changes of the hand in rheumatoid arthritis in correlation to clinical picture. Egyptian Rheumatologist; 7:89-113

Hastings, D.E.; and Evans, J.A. (1975):

Rheumatoid wrist deformities and their relation to ulnar drift. Journal of Bone and Joint surgery; 57A : 930

Hedberg, H. (1961):

The dates Fixation titre in remissions of rheumatoid arthritis. Acta. Rheum. Scand.; 7 : 43

Hickling, D.; and Golding. J.R. (1984):

An outline of Rheumatology. 1stedition; pp.48-75. Bristol; John Wright and Sors.

Hollander, J.L.; McCarty, D.J.; and Astorga, G. (1965):

Studies on the pathogenesis of rheumatoid joint inflammation. Ann. Int. Med;62 : 271.

Holt, P.J. (1983):

Rheumatoid arthritis and related diseases In "Postgraduate textbook of clinical orthopedics". Ed. By Harris, N.H. 3rd Ed. pp.443-455. Bristol: John Wright and Sons.

Hough, A.J. and Sokoloff, L. (1985):

Pathology. In "Rheumatoid arthritis, aetiology, diagnosis and management" edit. by Utsinger P.D, Zvaifler, N.J. and Ehrlich, G.E. pp.49-69, J.B. Lippincott, Philadelphia

Hughes, G.R.; and Currey, H.L. (1975):

Laboratory investigations. In "An introduction to clinical rheumatology". Ed. by Mason, M.; and Currey, H.L. 2nd Ed. p.348 Philadelphia: Pitman.

Isemein L. and Fournier A.M. (1964):

The Foot. In: "Proceedings of the International Symposium on the radiological aspects of rheumatoid arthritis". p. 83 Excerpta Medica, Amsterdam.

Jayson, M.I.; and Dixon, A.S. (1970):

Valvular mechanisms in Juxta. articular cysts. Ann. Rheum Dis. 29:415.

Khong, T.K.; and Rooney, P.J. (1982):

Manubrio - sternal joint subluxation in rheumatoid arthritis. Journal of Rheumatology; 9: 712-715.

Kulka, J.P. (1966):

Vascular derangement in rheumatoid arthritis. In "Modern trends in Rheumatology". Ed. by Hill, A.G. 1sted., pp. 49-69. London : Butterworths.

Larsen, A.; Dale, K.; and Eck, U. (1977):

Radiographic evaluation of rheumatoid arthritis and related conditions by standard reference films. Acta Radiologica; 18: 481-491

Littler, J.W.; and Eaton, R.G. (1967):

Redistribution of Forces in the correction of the boutonniere deformity. Journal of Bone and Joint surgery; 49A - 1267

Macfarlane, J.D.; and Van Der Linden, S.J. (1981):

Leaking rheumatoid olecranon bursitis as a cause of forearm swelling. Ann. Rheum. Dis.; 40: 309-311.

Mackay, J.M.; Sim, A.K.; and Gardner, D.L. (1983):

Aetiology of rheumatoid arthritis.; 42:443-447.

Mall, J.C.; Genant, H.K.; Silcox, D.C.; and McCarty, D.J. (1974):

The efficiency of fine-details radiography in the evaluation of patients with rheumatoid arthritis. Radiology; 112:37

Mallya, R.D.; and Mace, B.E. (1981):

The assessment of disease activity in rheumatoid arthritis using a multivariate analysis. Rheumatism and Rehabilitation; 20: 14-17.

Marshall, R.N.; Myers, D.B.; and Palmer, D.G.(1980):

Disturbance of gait due to rheumatoid arthritis. Journal of Rheumatology; 7: 617-623.

Martel, W.; Hayes, J.; and Duff, I. (1965):

The pattern of bone erosion in the hand and wrist in rheumatoid arthritis. Radiology; 84: 204-214.

McCarty, D.J.; and Gatter, R.A. (1966):

A study of DIP joint tenderness in rheumatoid arthritis. Arthritis and Rheumatism; 9: 325-336.

Mc Rae, R. (1983):

The hand. In "Clinical orthopedic examination" Ed. by Mc Rae, R. 2ndEd. p.69 London: Churchill Livingstone.

Mohr, W.; Westerhellwig, L.L.; and Wessinghage, D. (1981):

An electron microscopical study of PMNs at the pannus cartilage junction in rheumatoid arthritis. Ann.Rheum. Dis.; 40:396.

Mongan, E.S.; and Atwater, E.C. (1968):

A comparison of patients with seropositive and seronegative rheumatoid arthritis Med. Clin. N. Amer.; 52:533.

Murray, R.D.(1971):

The radiology of skeletal disorders. 1st Edition. pp.638-640. Edinburgh, London: Livingstone.

Nakata, H.; and Russell, W. (1970):

Chest roentgenograms in rheumatoid arthritis. American Journal of Roentgenology; 108:819

Norgaard, M.D. (1965):

Earliest roentgenological changes in polyarthrititis of the rheumatoid arthritis. Radiology; 85: 325 - 329.

Norgaard, M.D. (1980):

A Follow-up study of the earliest radiological changes in rheumatoid arthritis. British Journal of Radiology; 53:63-73.

Panayi; G.S. (1986):

Aetiopathogenesis of rheumatoid arthritis. In "Copeman's textbook of the rheumatic diseases". ed.by Scott, J.T., 6th edition, Churchill livingstone, London and New York, pp. 595-603.

Pope, R.M.; Lessard, J.; and Nunnery, E. (1986):

Differential effect of therapeutic regimens on specific classes of rheumatoid factor. Ann. Rheum. Dis.; 45:183.

Read, G.O.; Solomon, L. and Biddulph, M. (1983):

Relationship between Finger and wrist deformities in rheumatoid arthritis. Ann. Rheum. Dis.; 42:619-625.

Reid D.M.; Kennedy, N.S.; and Smith, M.A. (1986):

Bone loss in rheumatoid arthritis and primary generalized osteoporosis. British Journal of Rheumatology; 25:253-259.

Resnick, D. and Niwayama, G. (1981):

Rheumatoid arthritis and seronegative spondyloarthropathies. In "Diagnosis of bone and joint disorders" Vol. pp.852-1001. W.B. Saunders comp. Philadelphia.

Ritchie, D.M.; Boyle, J.A.; McInnes, J.M.; Jasani, M.K. Dalakas, T.G.; and Buchanan, W. (1968):
Clinical studies with an articular index for the assessment of joint tenderness in patients with rheumatoid arthritis. Quarterly Journal of Medicine; 37: 393-406.

Ropes, M.W.; Bennett, G.A.; Cobb, S.; Jacox, R.; and Jessar, R.A. (1959):
Revision of diagnostic criteria in rheumatoid arthritis. Bulletin of the Rheumatic Diseases; 9: 175.

Rose, H.M.; Rangan, C.; Peance, E.; and Lipman, M.O. (1948):
Differential agglutination of normal and sensitized sheep erythrocytes by sera of patients with rheumatoid arthritis. Proc. Soc. Exp. Biol.; 68: 1.

Rothermich, N.O. and Whisler, R.L. (1985):
Theories of causation and pathogenesis of rheumatoid synovitis. In "Rheumatoid arthritis" pp. 3-23, Grune & Stratton, Inc. New York.

Sambrook, P.N.; Ansell, B.M.; and Foster, S. (1985):
Bone turnover in early rheumatoid arthritis. Ann. Rheum. Dis.; 44: 575-579.

Scott, D.L.; Grindulis, K.A.; Coulton, B.L.; Popert, A.I.; and Bacon, P.A. (1984):
Progression of radiological changes in rheumatoid arthritis. Ann. Rheum. Dis.; 43: 8-17.

Sharp, J.T.; Calkins, E.; Cohen, A.S.; and Calsbro, J.J. (1964):
Observations on the clinical, medical and serological manifestations of rheumatoid arthritis. Medicine; 43:

- Sharp, J.T.; Lidsky, M.D.; Collins, L.C.; and Moreland, J. (1971):**
Methods of scoring the progression of radiologic changes in rheumatoid arthritis. *Arthritis and Rheumatism*; 14: 706-720.
- Sharp, J.T.; Gilbert, B.B.; Brook, A., and Brower, A.C. (1985a):**
Reproducibility of multiple-observer scoring of radiologic abnormalities in the hands and wrists of patients with rheumatoid orthritis. *Arthritis and Rheumatism*; 28: 16-24.
- Sharp, J.T.; Young, D.; Brook, A.; and Brower, A.C. (1985b):**
How many joints in the hands and wrists should be included in a score of radiologic abnormalities used to assess rheumatoid arthritis. *Arthritis and Rheumatism*; 28: 1326-1335.
- Short, C.L. (1968):**
Rheumatoid arthritis: Types of course and prognosis. *Med. Clin. N. Amer.* 52: 549.
- Sigal, L.H.; Steere, A.C.; and Niderman, J.C.(1983):**
Symmetrical polyarthrititis associated with heterophile-negative infectious mononucleosis. *Arthritis and Rheumatism*; 26: 553-556.
- Silberberg, R. (1985):**
Diseases of joints. In "Anderson's pathology" edit. Kisane, J.M., vol. II, 8th ed., pp. 1828-1863, The C.V Mosby comp. St. Louis
- Singer, J.M.; and Plotz, C.M. (1956):**
The Latex Fixation test. Application to the serologic diagnosis of rheumatoid arthritis. *American Journal of Medicine*; 21: 888.

Sokoloff, L. (1979):

Pathology of rheumatoid arthritis. In "Arthritis and Allied Diseases", Edited by McCarty, D.J. 9th Ed. pp. 30 - 9 - 331. Philadelphia: Lea and Febiger.

Steinbroker, O.; Traeger, C.H.; and Batterman, R.C. (1949):

Therapeutic criteria in rheumatoid arthritis JAMA; 140 : 659-662.

Stelling, C.B.; Keats, M.M.; and Keats, T.E. (1982):

Irregularities at the base of the proximal phalanges: False indicator of early rheumatoid arthritis. AJR; 138: 695-698.

Sukoff, M.H.; Kadin, M.M.; and Moran, T. (1972):

Transoral decompression for myelopathy caused by rheumatoid arthritis of the cervical spine. Journal of Neurosurgery; 37 :493.

Sutton, D. (1980):

A Textbook of Radiology and Imaging 3rd Ed. pp. 67-69 London: Livingstone

Swanson, A.B., Mays, J.D., and Yomauchi, Y. (1968):

A rheumatoid evaluation record for the upper extremity. Surg. Clin. N. Amer.; 48: 1003-1013.

Teitsson, I.; Seifert, M.H.; and Valdinarsson, H. (1984):

Prospective study of early rheumatoid arthritis. Ann. Rheum. Dis.; 43: 673

Theofilopoulos, A.N.; Burtolboy, G.; and Ziff, M. (1974):

IgM: An association with vasculitis. Arthritis and Rheumatism; 17: 272.

Torrigiane, G.; and Roitt, I.M. (1967):

Antiglobulin Factors in sera From patients with rheumatoid arthritis and normal subjects. *Ann. Rheum. Dis.*; 26: 334

Vaughan, J.H. (1979):

Infections and immunological consideration in rheumatic diseases. In "Arthritis and Allied Diseases". Ed. by McCarrty, D.J. 9th Ed.pp. 309-331. Philadelphia: Lea and Febiger

Waler, E. (1940):

On the occurance of a factor in human serum activating the specific agglutination of sheep blood corpuscles. *Acta path Microb. Scand.*; 17: 172.

Watson, R.G. (1965):

A more specific method for detecting and quantitating rheumatoid factors using a simple modification of the rheumatoid arthritis test *Am. J.Clin. Path.*; 43: 152.

Williams, R.C. (1974):

Rheumatoid factors and other serum components associated with rheumatoid arthritis. In "rheumatoid arthritis as a systemic disease". 2nd ed. p.154 Philadelphia. London, Toronto: Saunders.

Winfield, J.; Young, A.; Williams, P.; and corbet, M. (1983):

Prospective study of the radiological changes in hands, Feet and cervical spine in adult rheumatoid arthritis. *Ann. Rheum. Dis.*; 42: 613-618.

Zoghlo1, M.; Hanafi, M.; Abdel Nabi, M.; and Awad, M. (1987):

Clinical and radiological study of cervical spine in rheumatoid arthritis. *Egyption Rheumatologist*; 8: 32-50.