

Cartilage of the hip joint <i>A. Maroudas, H. Evans, and L. Almeida</i>	1
Structural changes in the intervertebral disc <i>M. I. V. Jayson and J. S. Barks</i>	10
A family study of ulcerative colitis <i>I. Macrae and V. Wright</i>	16
Pneumococcal arthritis <i>R. Kluge, M. Schmidt, and W. F. Barth</i>	21
Ultrastructure of a mycoplasma recovered from the bone marrow in systemic lupus erythematosus <i>C-H. von Bonsdorff, E. Jansson, U. Vainio, and S. Tuuri</i>	25
Elimination of fibrinogen from synovial joints <i>A. J. Harrold</i>	29
Fractionation and recovery of secretions of synovial cells synthesized in culture with radioactive precursors <i>E. Baxter, J. R. E. Fraser, and G. S. Harris</i>	35
Anti-IgA antibodies in rheumatic and pulmonary disease <i>R. C. Eggert, D. J. Brauer, and E. M. Caperton</i>	41
Effect of D-penicillamine on serum immunoglobulins and rheumatoid factor <i>R. Bluestone and L. S. Goldberg</i>	50
Secondary fluorescent staining of virus antigens by rheumatoid factor and fluorescein-conjugated anti-IgM <i>P. V. Shirodaria, K. B. Fraser, and F. Stanford</i>	53
Effect of flurbiprofen on the metabolism of antipyrine in man <i>I. M. Chalmers, M. A. Bell, and W. W. Buchanan</i>	58
Studies on 2-(3-benzoylphenyl) propionic acid (Orudis) <i>B. J. Cathcart, J. D. Vince, A. J. Gordon, M. A. Bell, and I. M. Chalmers</i>	62
Salicylate-induced consumption coagulopathy <i>H. M. Pinedo, L. B. A. van de Putte, and E. A. Loeliger</i>	66
Knee arthropathy secondary to <i>Mycobacterium scrofulaceum</i> <i>J. Malony and K. Connolly</i>	69
Breeding experiments on the frequency of adjuvant arthritis in the rat <i>F. Perlík and Z. Zidek</i>	72
Articular cartilage in corn oil-induced lipoarthrosis <i>P. N. Mehta and F. N. Ghadially</i>	75
Heberden Society	83
Reviews	94

CONTENTS OF VOLUME 32

No. 1. JANUARY, 1973

Cartilage of the hip joint <i>A. Maroudas, H. Evans, and L. Almeida</i>	1
Structural changes in the intervertebral disc <i>M. I. V. Jayson and J. S. Barks</i>	10
A family study of ulcerative colitis <i>I. Macrae and V. Wright</i>	16
Pneumococcal arthritis <i>R. Kluge, M. Schmidt, and W. F. Barth</i>	21
Ultrastructure of a mycoplasma recovered from the bone marrow in systemic lupus erythematosus <i>C-H. von Bonsdorff, E. Jansson, U. Vainio, and S. Tuuri</i>	25
Elimination of fibrinogen from synovial joints <i>A. J. Harrold</i>	29
Fractionation and recovery of secretions of synovial cells synthesized in culture with radioactive precursors <i>E. Baxter, J. R. E. Fraser, and G. S. Harris</i>	35
Anti-IgA antibodies in rheumatic and pulmonary disease <i>R. C. Eggert, D. J. Brauer, and E. M. Caperton</i>	41
Effect of D-penicillamine on serum immunoglobulins and rheumatoid factor <i>R. Bluestone and L. S. Goldberg</i>	50
Secondary fluorescent staining of virus antigens by rheumatoid factor and fluorescein-conjugated anti-IgM <i>P. V. Shirodaria, K. B. Fraser, and F. Stanford</i>	53
Effect of flurbiprofen on the metabolism of antipyrine in man <i>I. M. Chalmers, M. A. Bell, and W. W. Buchanan</i>	58
Studies on 2-(3-benzoylphenyl) propionic acid (Orudis) <i>B. J. Cathcart, J. D. Vince, A. J. Gordon, M. A. Bell, and I. M. Chalmers</i>	62
Salicylate-induced consumption coagulopathy <i>H. M. Pinedo, L. B. A. van de Putte, and E. A. Loeliger</i>	66
Knee arthropathy secondary to <i>Mycobacterium scrofulaceum</i> <i>J. Malony and K. Connolly</i>	69
Breeding experiments on the frequency of adjuvant arthritis in the rat <i>F. Perlík and Z. Zidek</i>	72
Articular cartilage in corn oil-induced lipoarthrosis <i>P. N. Mehta and F. N. Ghadially</i>	75
Heberden Society	83
Reviews	94

No. 2. MARCH, 1973**Measurement of inflammation**

- I. Application of technetium clearance to rheumatoid arthritis and animal models

H. Berry, J. P. Browett, E. C. Huskisson, P. A. Bacon, and D. A. Willoughby 95

- II. Comparison of technetium clearance and thermography with standard methods in a clinical trial

E. C. Huskisson, H. Berry, J. P. Browett, and H. Wykeham Balme 99

Distribution of biologically labelled radioactive hyaluronic acid injected into joints

K. N. Antonas, J. R. E. Fraser, and K. D. Muirden 103

Cytogenic and scanning study of patients receiving intra-articular injections of gold-198 and yttrium-90

A. C. Stevenson, J. Bedford, G. W. Dolphin, R. J. Purrott, D. C. Lloyd, A. G. S. Hill, H. F. H. Hill, J. M. Gumpel, D. Williams, J. T. Scott, N. W. Ramsey, F. E. Bruckner, and C. B. D'A. Fearn 112

Serum gold

- I. Estimation by atomic absorption spectroscopy

A. A. Dietz and H. M. Rubinstein 124

- II. Levels in rheumatoid arthritis

H. M. Rubinstein and A. A. Dietz 128

Monitoring serum gold values to improve chrysotherapy in rheumatoid arthritis

A. Lorber, C. J. Atkins, C. C. Chang, Y. B. Lee, J. Starrs, and R. A. Bovy 133

Hand measurements in ankylosing spondylitis

J. Harris, D. M. Chaput de Saintonge, and C. G. Barnes 140

Histological abnormalities in the muscle spindles in rheumatoid arthritis

E. Magyar, A. Talerman, and H. W. Wouters 143

Pattern of rheumatoid arthritis in West Malaysia

B. H. Toh, S. Sengupta, A. H. Ang, J. C. White, and K. S. Lau 151

Double-blind comparison of aspirin and 4-(acetamido)phenyl-2-acetoxybenzoate (benorylate) in rheumatoid arthritis

P. N. Sperry, E. B. D. Hamilton, and V. Parsons 157

Lymphosarcomatous arthropathy

V. M. Martin, R. M. Bennett, G. R. V. Hughes, and P. J. L. Holt 162

Immunofluorescent demonstration of an intra-articular antigen-antibody complex in experimental arthritis of the guinea-pig

B. Belovic and T. D. Kinsella 167

Testing the 'Preliminary Criteria for Classification of SLE'

J. F. Fries and R. C. Siegel 171

Reviews

178

Notes

180

No. 3. MAY, 1973

Familial occurrence of psoriatic arthritis <i>J. M. H. Moll and V. Wright</i>	181
Rosette formation by peripheral blood lymphocytes in rheumatoid arthritis <i>H. I. Keith and H. L. F. Currey</i>	202
Bacteriuria in rheumatoid arthritis <i>H. C. Burry</i>	208
Fate of particulate material arriving at the synovium via the circulation. An ultrastructural study <i>H. R. Schumacher</i>	212
Proliferation of vesicular stomatitis virus in leucocytes from rheumatoid patients <i>B. Zisman, G. Loewi, and J. Dorling</i>	219
Use of yttrium 90 in persistent synovitis of the knee I. Retention in the knee and spread in the body after injection <i>J. M. Gumpel, E. D. Williams, and H. I. Glass</i>	223
Serum gold determinations in patients with rheumatoid arthritis receiving sodium aurothiomalate <i>J. D. Jessop and R. G. S. Johns</i>	228
Immunoresponsiveness of patients with rheumatoid arthritis receiving cyclophosphamide or gold salts <i>J. S. Strong, B. A. Bartholomew, and C. J. Smyth</i>	233
Clinical and laboratory aspects of raised virus antibody titres in systemic lupus erythematosus <i>N. F. Rothfield, A. S. Evans, and J. C. Niederman</i>	238
Catabolism of human serum IgG in health, rheumatoid arthritis, and active tuberculous disease. Possible influence of IgG structure <i>J. Watkins and A. J. Swannell</i>	247
Evidence for a direct effect on articular cartilage and its lysosomal enzymes in filipin-induced arthritis <i>K. D. Muirden and M. Phillips</i>	251
Evaluation of television in the teaching of rheumatology <i>I. Haslock, V. Wright, J. H. Ives, and D. J. G. Holroyde</i>	262
Occasional survey: Immune complex disease <i>P. M. Carter</i>	265
Heberden Society	272
Reviews	282

No. 4. JULY, 1973

Heberden Oration, 1972

Mechanisms of tolerance and autoimmunity

A. C. Allison

283

Effects of gold salts and prednisolone on inflammatory cells

- I. Phagocytic activity of macrophages and polymorphs in inflammatory exudates studied by a 'skin-window' technique in rheumatoid and control patients

J. D. Jessop, B. Vernon-Roberts, and J. Harris

294

- II. Suppression of inflammation in the rat

B. Vernon-Roberts, J. D. Jessop, and J. Doré

301

Intervertebral discs: nuclear morphology and bursting pressures

M. I. V. Jayson, C. M. Herbert, and J. S. Barks

308

Action of chloroquine phosphate in rheumatoid arthritis

- I. Immunosuppressive effect

G. S. Panayi, W. A. Neill, J. J. R. Duthie, and J. N. McCormick

316

Mycoplasmas and bacteria in synovial fluid from patients with arthritis

P.-A. Mårdh, F. J. Nilsson, and A. Bjelle

319

Source and significance of 5-nucleotidase in synovial fluid

M. Farr, M. J. Kendall, R. Shuttleworth, M. J. Meynell, and C. F. Hawkins

326

Impaired delayed hypersensitivity in juvenile rheumatoid arthritis

H. M. Höyeraal

331

Patterns of nuclear fluorescence and DNA-binding activity

A. Luciano and N. F. Rothfield

337

Measurement of DNA antibodies by double antibody precipitation

D. N. Glass, J. Caffin, R. N. Maini, and J. T. Scott

342

Serum uric acid concentrations in a rural Tswana community in Southern Africa

P. Beighton, L. Solomon, C. L. Soskolne, and B. Sweet

346

Comparison of indomethacin and phenylbutazone in acute gout

C. J. Smyth and J. S. Percy

351

New York clinical criteria for ankylosing spondylitis. A statistical evaluation

J. M. H. Moll and V. Wright

354

Occasional survey: Biochemistry of articular cartilage. Nature of proteoglycans and collagen of articular cartilage and their role in ageing and in osteoarthritis

C. A. McDevitt

364

Heberden Society

379

Review

394

Notes

395

No. 5. SEPTEMBER, 1973

Walldius arthroplasty of the knee. Follow-up study of 51 operations <i>J. M. H. Moll, P. J. Chesterman, R. I. Meanock, and F. M. Andrews</i>	397
Healing trabecular microfractures in the bodies of lumbar vertebrae <i>B. Vernon-Roberts and C. J. Pirie</i>	406
Articular mobility in an African population <i>P. Beighton, L. Solomon, and C. L. Soskolne</i>	413
A valve. An explanation of the formation of popliteal cysts <i>A. R. Taylor and N. A. Rana</i>	419
Osteoarticular changes and synovial biopsy findings in Wilson's disease <i>P. Kaklamanis and M. Spengos</i>	422
Synovial fluid examination for the diagnosis of amyloidosis <i>D. A. Gordon, W. Pruzanski, and M. A. Ogryzlo</i>	428
Diabetes and rheumatoid factor <i>I. Oreskes and H. Spiera</i>	431
Simultaneous pharmacokinetics of indomethacin in serum and synovial fluid <i>H. W. Emori, G. D. Champion, R. Bluestone, and H. E. Paulus</i>	433
Clinical trial of pentazocine in rheumatoid arthritis <i>G. Nuki, W. W. Downie, W. C. Dick, K. Whaley, J. B. Spooner, M. A. Darby-Dowman, and W. W. Buchanan</i>	436
Endothelial inclusions and 'nuclear bodies' in systemic lupus erythematosus <i>E. O. Dreyer, P. Y. Muldiyarov, V. A. Nassonova, and Z. S. Alekberova</i>	444
Virus antibodies in systemic lupus erythematosus and other connective tissue diseases <i>P. E. Phillips and C. L. Christian</i>	450
Rupture of the extensor tendons of the hand in lupus erythematosus disseminatus <i>M. Lotem, P. Maor, and M. Levi</i>	457
Femoral head alive 16 years after a non-consolidated intracapsular fracture of the femoral neck <i>R. Lagier and J. Forestier</i>	460
Effect of bee venom on experimental arthritis <i>R. B. Zurier, H. Mitnick, D. Bloomgarden, and G. Weissmann</i>	466
Effect of hepatic injury on adjuvant arthritis <i>R. S. Pinals</i>	471
Reviews	475
Notes	477

Arthritis and Crohn's disease. A family study <i>I. Haslock</i>	479
Synovial fluid in ankylosing spondylitis <i>M. J. Kendall, M. Farr, M. J. Meynell, and C. F. Hawkins</i>	487
Serum IgG, IgM, and IgA levels in ankylosing spondylitis <i>E. M. Veys and M. van Laere</i>	493
Familial hyperuricaemia and hypertriglyceridaemia <i>R. M. Bennett, A. Chait, and B. Lewis</i>	497
Gout and its relation to lipid metabolism	
I. Serum uric acid, lipid, and lipoprotein levels in gout <i>H. Mielants, E. M. Veys, and A. de Weerdt</i>	501
II. Correlations between uric acid, lipid, and lipoprotein levels in gout <i>H. Mielants, E. M. Veys, and A. de Weerdt</i>	506
Joint capsule collagen in osteoarthritis <i>C. Herbert, M. I. V. Jayson, and A. J. Bailey</i>	510
Electron and light microscopical observations and serological findings in rheumatoid arthritis <i>A. W. Helder, T. M. Feltkamp-Vroom, and R. L. F. Nienhuis</i>	515
Ultrastructural aspects of lymphoreticular cells in rheumatoid synovium <i>T. Neumark and K. Farkas</i>	524
Respiratory function in systemic lupus erythematosus, scleroderma, and rheumatoid arthritis <i>O. Laitinen, Y. Salorinne, and H. Poppius</i>	531
Methotrexate therapy in polymyositis <i>F. C. Arnett, J. C. Whelton, T. M. Zizic, and M. B. Stevens</i>	536
Action of chloroquine phosphate in rheumatoid arthritis	
II. Chromosome damaging effect <i>W. A. Neill, G. S. Panayi, J. J. R. Duthie, and R. J. Prescott</i>	547
Effect of dextran on the reaction between rheumatoid factor and human gamma globulin <i>A. E. Finkelstein, G. Isler, and I. Oreskes</i>	551
Complement metabolism in rheumatoid arthritis	
I. Longitudinal studies <i>J. M. B. Versey, J. R. Hobbs, and P. J. L. Holt</i>	557
Adverse reactions in patients with rheumatic diseases <i>P. Lee, S. M. McCusker, A. Allison, and G. Nuki</i>	565
Severe enterocolitis complicating chrysotherapy <i>N. Kaplinsky, M. Pras, and O. Frankl</i>	574
Transoral surgery for myelopathy caused by rheumatoid arthritis of the cervical spine <i>H. Brattström, Å. Elner, and L. Granholm</i>	578
Reduction in haemoglobin after knee joint surgery <i>E. Pattison, K. Protheroe, R. M. Pringle, A. C. Kennedy, and W. Carson Dick</i>	582
Proximal interphalangeal joint measurement by Arthrocircameter <i>R. F. Willkens, J. E. Gleichert, and E. T. Gade</i>	585
Heberden Society	587
Reviews	597
Notes	599
Index, 1973	600