David Sonnabend is Professor of Orthopaedics and Traumatic Surgery at the University of Sydney. His clinical interests relate to shoulder surgery and arthritis. Professor Sonnabend was, for nine years, an editor of the Journal of Shoulder and Elbow Surgery. In 1998 he was the chairman of the 7th International Congress on Surgery of the Shoulder. He was a founding member of the Australian and New Zealand Orthopaedic Research Society, and was the inaugural president of the Shoulder and Elbow Society of Australia. He is a corresponding member of the American Shoulder and Elbow Surgeons, and a member of the editorial board of the Journal of Orthopaedic Science. He has extensive experiences in shoulder arthroplasty for arthritis and rotator cuff surgery. He has designed a commercially available glenoid prosthesis which is manufactured and distributed by DePuy. His reported series of 710 consecutive rotator cuff repairs is the largest published series to date. His research interests relate to musculo-skeletal biomechanics, tendon pathology and repair and the surgical treatment of arthritis. He has authored or co-authored over 60 scientific publications, and numerous review articles and book chapters. Together with Dr Jeffrey Hughes, Professor Sonnabend conducts a post-specialization fellowship programme in shoulder & elbow surgery based at the Royal North Shore Hospital of Sydney.
Publications since 1997

1. Sonnabend D.H.
   New Joints for Old: A Surgical Perspective for Osteoarthritis.

2. Sonnabend, D.H., Mohammed, K.D.
   Reduction of Dislocations

   Fracture in a rat osteopaenia model.

   Properties of the Interosseous Membrane in Radioulnar Dissociations

5. Walsh, W.R., Rowden, N., Sonnabend, D.H.
   Basic Science in Knee Arthroplasty.
   Current Opinion in Orthopaedics 1996, 7;1:pp75-81

6. Sonnabend, D.H. and Brooks P.M.
   Practical Problems in Preparation for Arthritis Surgery.

   The Clinical Role of Shoulder Ultrasound

   Type 2 Fractures of the Distal Clavicle: A new Surgical Technique

9. Sonnabend, D.H.
   Shoulder Surgery for Rheumatoid Arthritis
   Synovium, 4 pp8-10 1997

10. Sonnabend, D.H., Brooks, P.M.
    Practical Problems-Drugs and Total Joint Replacement

11. Sonnabend D.H.
    Ligaments of the Shoulder
    Shoulder Surgery, the Asian Perspective Vol 2 pp87-89,
    Ed. A.P.Skirving, University of Western Australian Press 1997
12. Sonnabend, D.H.
   The Diagnosis and Treatment of Rotator Cuff Disease.

13. Sonnabend, D.H. & Hughes, J.S.
   Clinical Assessment of the Elbow. (Book Chapter) in Surgery of the Elbow, Practical and Scientific Aspects

   Cytokines and Matrix Metalloproteinases mRNA Expression in Archival Human Tissues from Failed Total Hip Arthroplasty Using in situ Hybridization and Colour Video Image Analysis

   Difficulties in the Salvage of Forearm Stability in Radio-ulnar dissociation

16. Sonnabend, D.H. & Allen P.
   Fractures of the Proximal Humerus

17. Instrum K, Hollinshead R, Fennell C, Shrive N, Damson E, Sonnabend D.
   Semitubular Blade Plate Fixation in Proximal Humeral Fractures. A Biomechanical Study in a Cadaveric Model

   Biomechanical Performance of Bankart Repairs in a Human Cadaveric Shoulder Model

19. Wallace AL, Phillips RL, MacDougal GA, Walsh WR, Sonnabend DH.
   Resurfacing of the Glenoid in Total Shoulder Arthroplasty. A comparison, at a mean of five years, of Prostheses inserted with and without cement.

20. Harper GD, Gunther SB, Sonnabend DH
   Shoulder Arthrodesis: Description of a Modified Technique
   Orthopaedics and Traumatology Vol 7 pp157-165 1999
21. Wallace AL, Haber M, Sesel K, Sonnabend DH
   Ultrasonic diagnosis of interosseous ligament failure in radioulnar
dissociation: Case report

22. Wallace AL, Walsh WR, Sonnabend DH
   Dissociation of the glenoid component in cementless total shoulder
arthroplasty
   Journal of shoulder and elbow Surgery, 1999 Vol 8 pp81-84

23. Wallace AL, Sesel K, Haber M, Sonnabend DH
   Ultrasonic Diagnosis of interosseous ligament failure in radioulnar
dissociation
   Injury, 1999 Vol 30, pp 59-63

24. Walsh W R, Harrison J, Loefer A, Martin T, VanSickle, Brown M,
   Sonnabend D H,
   Mechanical and Histological Evaluation of Collagraft ® in an Ovine
   Lumbar Fusion Model.

25. Sonnabend DH, Watson EM
   Medicine Today Vol 1, No.1, pp22-30 2000

   Also published in: Modern Medicine of South Africa August 2000, pp14-
   26.

   Also published in: Modern Medicine (Middle East Edition) Vol 17, Nov
   2000 pp57-72.

26. Sonnabend DH
   Soft Tissue Rheumatism Chapter in The Musculoskeletal System
   Ed:P.N. Sambrook Publisher:Harcourt Brace (Edinburgh)

27. Harris RI, Wallace AL, Harper GD Sonnabend DH Walsh WR
   Structural properties of the intact and the reconstructed
coracoclavicular ligament complex.

   Morphometric and mechanical evaluation of titanium implant
   integration: Comparison of five surface structures
   A Novel Suture Anchor of high density collagen compared with a metallic anchor: Results of a 12 week study in sheep

   Laminated Tears of the Human Rotator Cuff: A Histologic and Immunochemical Study.
   J. Shoulder Elbow Surgery – 10 (2) pp109-115 April 2001

   A Novel Resorbable Suture Anchor: Pullout Strength from the Human Cadaver Greater Tuberosity
   J Shoulder Elbow Surgery 10 (3) pp 286-289 May 2001

32. Harris RI, Vu DH, Sonnabend DH, Goldberg JAG, Walsh WR
   Anatomic Variance of the Coracoclavicular ligaments

33. MD Thesis – The Rotator Cuff, Pathology, Repair and Comparative Anatomy
   University of New South Wales.2001.

34. Watson E, Sonnabend D H
   The Outcome of Rotator Cuff Repair
   J. Shoulder Elbow Surgery – 11 (3) pp 201 – 211 May/June 2002

35. Sonnabend D H, Watson E
   Structural Factors affecting the outcome of Rotator Cuff Repair

36. Sonnabend D H, Fullilove S
   The Role of Cement in Glenoid Replacement
   Techniques in Shoulder and Elbow Surgery – 3 (3) pp180-194, 2002

37. Peckett W R C, Sonnabend D H
   Shoulder Pain in a middle-aged patient
   Medicine Today January 2003, Vol 4, Number 1 pp66-67