PUBLICATIONS

Books:

- 1. Akelman E:

 <u>Health Care in America</u>

 Thesis AB

 Princeton, New Jersey, 1975
- 2. Akelman E (Ed.)
 Hand and Upper Extremity Tumors Diagnosis and Management
 Hand Clinics
 W.B.Saunders May 1995
- Katzman B, Akelman E (Ed)
 Techniques in Carpal Tunnel Surgery
 <u>Atlas of the Hand Clinics</u>
 W.B. Saunders September 2002

Book Chapters:

- 1. Akelman E; Sampson S:
 Fractures and dislocations of the forearm and wrist
 Principles of Orthopaedic Practice
 R. Dee (Ed.)
 St. Louis: McGraw Hill, 1988
- 2. Herndon JH; Myers SR; Akelman E: Surgery of the Nail <u>Diseases of the Nail</u> Blackwell Scientific Publications, 1990
- 3. Akelman E; Ehrlich MG:
 Orthopaedic Disorders of the Extremities
 Current Pediatric Therapy 15
 Burg FO, Ingelfinger JR, Wald ER, Polin RA
 (Eds.)
 Philadelphia, PA, W.B. Saunders, 1996
- 4. Parziale J; Akelman E:
 Thoracic Outlet Syndrome
 Current Diagnosis in Neurology
 Feldman, E (Ed)
 St. Louis: Mosby 1994
- 5. Sachar K; Akelman E:
 Forearm Synostosis
 Hand Clinics: Difficult Disorders of the
 Hand and Forearm
 WB Saunders, August 1994
- 6. Akelman E; Weiss APC:
 Elbow Arthrodesis, Amputation and
 Disarticulation
 Surgery of the Hand and Upper Extremity
 eimer, Ca (Ed)
 McGraw -Hill
 November 1995
- 7. Akelman E; Weiss APC:
 The Etiology Of And Surgical Options for Carpal Tunnel Syndrome
 Current Opinion in Orthopedics
 Seitz W (Ed.) 5 (4)

- 8. Akelman E; Weiss APC:
 The Hand and Wrist
 Oxford Textbook of Surgery
 Malt RA, Morris PJ (Ed.)
 Vol 2
 Oxford University Press
 Oxford, England 1994
- 9. Fink J; Akelman E:
 Nonmelanotic Malignant Skin Tumors of the
 Hand
 Hand Clinics: Tumors of the Hand and Forearm
 May; 11(2):255-64
 Saunders, May 1995
- 10. Weiss APC; Akelman E:
 Arthroscopy of the Wrist
 Orthopedic Clinics of North America
 WB Saunders November 1995
- 11. Akelman E; Weiss APC:
 Carpal Tunnel Syndrome: Etiology and Endoscopic Treatment
 Orthopedic Clinics of North America
 November 1995
- 12. Akelman E; Sampson S:
 Fractures and Dislocations of the Forearm and Wrist
 Principles of Orthopaedic Practice, Second Edition
 R. Dee (Ed.)
 St. Louis: McGraw Hill, 1996
- 13. Mastey R; Weiss APC; Akelman E:
 Primary Flexor Tendon Grafting
 Atlas of The Hand Clinics
 Vol 1. No. 1 September 1996
- 14. Barnum M; Mastey R; Weiss APC; Akelman E:
 Radial Tunnel Syndrome
 Hand Clinics: Difficult Elbow Problems
 W.B. Saunders
 November 1996
- 15. Akelman E; Myers, SR; Herndon JH:

 <u>Surgery of the Nail</u>

 Blackwell Scientific Publications
 1997
- 16. Mastey R; Weiss APC; Akelman E:
 Wrist Ligament Injuries
 Grabb & Smith's Plastic Surgery Textbook
 R. Beasley (Ed.)
 Lippincott-Raven Publishers
 November 1997
- 17. Mastey RDM; Akelman E; Weiss APC-W Primary Care of Hand and Wrist Athletic Injuries

Clinics In Sports Medicine
W.B. Saunders
Vol. 16 Number 4 October 1997

18. Akelman E.
Rheumatoid Arthritis
In: Light TR (Ed)
Hand Surgery Update 1999
The American Society for Surgery of the Hand

- 19. Akelman, E.; Weiss A-PCW
 Wrist and Hand Reconstruction
 American Academy of Orthopaedic Surgeons
 Orthopaedic Knowledge Update-6 1999
- 20. Weiss APC; Akelman E:
 Degenerative Arthrosis of the Small Joints
 In: Beatty, JH (Ed)
 Orthopaedic Knowledge Update-6 1999
- 21. Akelman E; Weiss APC:
 Rheumatoid Arthritis of the Hand and Wrist
 In: Beatty, JH (Ed)
 Orthopaedic Knowledge Update-6 1999
- 22. Nelson AJ; Izzi J; Green A; Weiss APC;
 Akelman E:
 Nerve Injuries and Traumatic Elbow
 Disorders,
 Orthopaedic Clinics of North America
 W.B. Saunders, Philadelphia, January 1999
- 23. Richterman IE; Akelman, E. Weiss APC.
 The Hand
 Trauma: Fourth Edition
 Mattox, KL, Feliciano DV, Moore EE (Eds)
 McGraw Hill, New York 2000
- 24. Staebler M; Belanger M; Akelman, E.
 Carpal Dislocations and Instability
 Plastic Surgery Secrets
 J. Weinzweig (Ed.)
 Philadelphia: Hanley & Belfus, 2000
- 25. Akelman E; Hulsizer D; LeGeyt M:
 Arthrodesis of the Hand and Wrist
 Operative Orthopedics, Third Edition
 Michael Chapman(Ed)
 Lippincott, Williams and Wilkins, 2000
- 26. Hayes EP, Wolf JM, Carney K, Smith J,
 Akelman E:
 The Diagnosis and Management of Carpal Tunnel Syndrome
 Rehabilitation of the Upper Extremity
 Mackin EJ, Callahan AD, Skriven TM,
 Schneider LH,
 Osterman AL (Eds)
 Mosby St. Louis, January 2002
- 27. Akelman E.
 Carpal Tunnel Syndrome
 Hand Surgery
 Berger RA, Weiss A-PC(Eds)
 Lippincot, Williams & Wilkins, Philadelphia PA 2004

28. Michalko K, Allen S, Akelman E
 Evaluation of the Painful Wrist
 Wrist Arthroscopy
 Ed. Geissler, William
 Springer Science & Media, Inc., NY, NY April
2005

Articles - Peer Reviewed:

- 1. Watson HK; Ryu J-Y; Akelman E:
 Limited Triscaphoid Arthrodesis for Rotary
 Subluxation of the Scaphoid
 JBJS 68-A:345-349, March, 1986
- 2. Froehlich JA; Akelman E; Herndon JH: Extensor Tendon Injuries at the Proximal Interphalangeal Joint Hand Clinics 1:25-37, Feb 1988
- 3. Fadale P; Kamionek S; Akelman E; Herndon JH:
 High Pressure Paint Injection Injuries of
 the Hand
 Complications in Orthopaedics
 Vol 3, pp 170-175, 1988
- 4. Eaton RG; Akelman E; Eaton BH:
 Fascial Implant Arthroplasty For The
 Treatment of
 Radioscaphoid Degenerative Disease
 J Hand Surg, 14A:766-74, 1989
- 5. Brand DA; Krag MH; Hausman MR; Trainor KF; Akelman E; Southwick WO:
 A Patient Registry for Orthopaedic Surgery CORR, 252:262-269, 1990
- 6. Green A, Smith J, Redding M, Akelman E:
 Acute Open Reduction and Rigid Internal
 Fixation of Proximal Interphalangeal Joint
 Fracture Dislocation
 J Hand Surg, 17A:512-517, 1992
- 7. Akelman E, Weiss AP, Matook G;
 Rheumatoid Wrist Arthrodesis: A New
 Technique
 of Pin Positioning
 J Ortho Tech, 1:39-41, 1993
- 8. Parziale J., Akelman E., Herz DA:
 Spasticity: Pathophysiology and Management.
 Orthopedics, 16(7):801-812, 1993
- 9. Lefkoe T, Trafton P, Ehrlich, M, Walsh W,
 Dennehy D, Barrach HJ, Akelman E: An
 Experimental
 Model of Femoral Condylar Defect Leading to
 Osteoarthrosis
 J. Orthopaedic Trauma, 7(5):458-467, 1993

- 10. Williams J, Weiss APC, Akelman E:
 Double Skier's Thumb
 Contemporary Orthopedics, 11(5)43-48, 1993
- 11. Wiggins M., Akelman E., Weiss, A.P.:
 The Management of Dog Bites and Dog Bite
 Infections
 of the Hand
 Orthopedics, 17(7):617-623, 1994.
- 12. Folberg C, Weiss APC, Akelman E:
 Cubital Tunnel Syndrome. Part I:
 Presentation and Diagnosis.
 Orthopaedic Review, 23:136-144, 1994.
- 13. Folberg C, Weiss APC, Akelman E:
 Cubital Tunnel Syndrome. Part II: Treatment.
 Orthopaedic Review, 23:233-241, 1994.
- 14. Weiss AP, Akelman E, Tabatabai M:
 The Initial Treatment of DeQuervain's
 Disorder
 J Hand Surgery, 19-A:595-598, 1994
- 15. Williams JS, Kamionek S, Weiss APC, Akelman E:
 The Surgical Approach In Non-Border Digit Complex Dislocation of the MP Joint
 Orthopedic Review 23(7):601-605, 1994
- 16. Akelman E, Weiss APC:
 The Etiology and Surgical Options for Carpal Tunnel
 Surgery
 Current Opinion In Orthopedics, 5:8-15, 1994
- 17. Matook GM, Sasken H, Akelman E:
 Propane Thermal Injuries: Case Report and Review of the Literature
 J. Trauma Aug; 37 (2)318-321, 1994
- 18. Fink JA, Akelman E:
 Nonmelanotic Malignant Skin Tumors of the Hand.
 Hand Clin. May; 11(2) 255-64, 1995
- 19. Bury TJ, Weiss APC, Akelman E:
 A Prospective Randomized Study of Wrist Splinting
 After Open Carpal Tunnel Release
 Annals of Plastic Surgery Jul; 35 (1):19-22, 1995
- 20. Griggs S, Weiss APC, Lane L, Schwenker C, Akelman E, Sachar K: Treatment of Trigger Finger in Patients with Diabetes Mellitus.
 J. Hand Surgery September, 20A(5)787-789, 1995
- 21. Weiss AP, Akelman E:
 Diagnostic Imaging and Arthroscopy for Chronic Wrist
 Pain.
 Orthop. Clinic No. Am Oct; 26(4):759-67, 1995
- 22. Akelman E, Weiss AP:
 Carpal Tunnel Syndrome. Etiology and Endoscopic
 Treatment.
 Orthop. Clin. No. Am. Oct; 26(4):769-78, 1995

- 23. Palumbo MA, Lucas P, Akelman E:
 Lumbar Spinal Stenosis: A Review.
 R.I. Medicine . Nov.; 78(11):321-3, 1995
- 24. Weiss, AP, Akelman E, Lambisae R: Comparison of the Findings of Triple-Injection Cinearthrography of the Wrist with Those of Arthroscopy J. Bone Joint Surg (Am) Mar; 78(3):348-56, 1996
- 25. Kramer AA, Weiss, APC, Barrach HJ, Akelman E:
 Variations in the Quantity of Type II Collagen in
 Carpal Tunnel Syndrome and Trigger Finger
 Hand Surgery, 1 (2) 95-101, July 1996
 - 26. DaSilva M, Moore D, Weiss APC, Akelman E, Sikirica M: Anatomy of Palmar Cutaneous Branch of the Median Nerve: Clinical Significance J.Hand Surgery 21A(4):639-43, July 1996
 - 27. Glowacki K, Akelman E, Weiss APC.
 Distal Radius Fractures: Concepts and Complications
 Orthopedics July; 19(7):601-8, 1996
 - 28. Barnum M, Mastey RD, Weiss AP, Akelman E:
 Radial Tunnel Syndrome
 Hand Clinics Nov; 12(4)679-89, 1996
- 29. Campbell B, Cannistra LM, Fadale P, Wiggins M, Akelman E:
 The Effects of Local Steroid Injection on the Healing of Rat Medial Collateral Ligaments
 Clinical Orthopaedics and Related Research
 November (332):242-53, 1996
- 30. Mastey R, Weiss A-PC, Akelman E:
 Primary Tendon Grafting
 Atlas of Hand Clinics 1:121-128, 1996
- 29. Mastey RM, Weiss A-PC, Akelman, E:
 Primary Care of Hand and Wrist Athlete Injuries
 Clinics in Sports Medicine 16:705-724, 1997
- 30. Glowacki K, Koch R, Weiss APC, Akelman E:
 Disorders of the Distal Radioulnar Joint
 The American Journal of Orthopedics,
 March 26(3) 193-200 1997
- 33. Hulsizer D, Weiss APC, Akelman E:
 Ulna-Shortening Osteotomy After Failed Arthroscopic
 Debridement of the Triangular Fibrocartilage
 Complex
 Journal of Hand Surgery 22A:694-698, 1997
- 34. Hulsizer DL, Staebler MP, Weiss APC, Akelman E:
 The Results of Revision Carpal Tunnel Release Following Previous
 Open versus Endoscopic Surgery
 Journal of Hand Surgery (Am) Sep 23(5):865-9,1998
- 35. Belanger M, Akelman E:
 Median Nerve Injury in an Expert Skier: A Case Report
 American Journal of Orthopedics
 November 28(11)648-49, 1999

- 36. Staebler M, Moore D, Weiss A-PC, Akelman E, Fadale PD, Crisco JJ:

 The Effect of Wrist Guards on Bone Strain in the Distal Forearm.

 American Journal of Sports Medicine 27(4):500-506, 1999
- 37. Nelson AJ, Izzi JA, Green A, Weiss APC, Akelman E: Traumatic Nerve Injuries About The Elbow Orthopedic Clinics of North America 30:91-94, 1999
- 38. Akelman E:
 Mini-Incision Carpal Tunnel Release
 American Society for Surgery of the Hand- Correspondence
 Newsletters 041, 1999
- 39. Parziale JR, Akelman E, Weiss A-PC, Green A:
 Thoracic Outlet Syndrome
 The American Journal of Orthopedics 29(5)353-360
 May 2000
- 40. Izzi J, Dennison D, Noerdlinger M, DaSilva M, Akelman E:
 Nerve Injuries of the Elbow, Wrist and Hand in Athletes
 Clinics in Sports Medicine 20(1) 203-217,
 January 2001
- 41. Muirhead WR, Allen SD, DaSilva MF, Akelman E:
 Operative Treatment for Lateral Epicondylitis
 Current Opinion in Orthopedics 2001, 12:348-352
- 42. Fletcher J, Blake D, Zienowicz R, Edstrom L,
 Weiss A-P, Akelman E, Sullivan P:
 Office-Based Operatory Experience: An Overview of
 Anesthetic Technique, Procedures and Complications
 The Journal of Medical Health Rhode Island
 84(4):117-118 2001
- 43. Moore D C, Hogan KA, Crisco JJ III, Akelman E, DaSilva MF, Weiss A-P
 Three Dimensional In-Vivo Kinematics of the Distal RadioUlnar Joint in Malunited Distal Radius Fractures.

 Journal Of Hand Surgery (Am)March 27(2)233-42. 2002
- 44. Hughes TB, Mechrefe A, Littler JW, Akelman E:
 Dupuytren's Disease

 Journal of the American Society for Surgery of the Hand Vol 3 No.
 1 pp27-40 February 2003
- 45. Bradley M, Hayes E, Weiss A-PC, Akelman E:
 A Prospective Study of Outcome Following Mini-Open Carpal Tunnel
 Release
 Hand Surgery, Vol 8, No. 1, pp59-63, July 2003
- 46. Brooks JJ, Schiller JR, Allen SD, Akelman E:
 Biomechanical and Anatomical Consequences of Carpal Tunnel
 Release
 Clinical Biomechanics, Vol. 18, Issue 8, pp685-693, October 2003
- 47. Crisco JJ, Pike S, Hulsizer-Galvin D, Akelman E, Weiss A-PC, Wolfe S.W:
 Carpal Bone Postures and Motions are Abnormal in Both Wrists of Patients with Unilateral Scapholunate Interosseous Ligament Tears
 Journal of Hand Surgery 28(6):926-937, Nov. 2003

- 48. Greene DL, Akelman E:
 A Technique for Reducing Splash Exposure During
 Pulsatile Lavage
 Journal of Orthopaedic Trauma Vol 18 No.1 pp41-42
 January 2004
- 49. Sonenblum SE, Crisco JJ, Kang L, Akelman E: In Vivo Motion of the Scaphotrapezio-Trapezoidal (STT) Joint Journal of Biomechanics 37 (5): 645-52, May 2004
- 50. Tashjian RZ, Patel A, Akelman E, Weiss A-PC:
 Avascular Necrosis of the Wrist and Hand Excluding the Scaphoid
 and Lunate: A Review and Case Report of Dieterich's Disease.

 Journal of the American Society for Surgery of the Hand Vol 4,
 No. 2, pp 109-116 May 2004
- 51. Alford JW, Weiss A-PC, Akelman E: The Familial Incidence of Carpal Tunnel Syndrome in Patients with Unilateral and Bilateral Disease

 The American Journal of Orthopaedics, Vol.33 #8

 pp397-400 August 2004
- 52. Wolf JM, Ritter M, Weiss APC, Akelman E: Access and Use of the Internet in a Hand Surgery Population Volume 9, No 1, July 2004 Pages 1-5
- 53. Weiss A-PC, Moore D, Infantolino C, Crisco JJ,
 Akelman E, McGovern RD
 Metacarpophalangeal (MCP) Joint Mechanics After 3 Different
 Silicone Arthroplasty
 Journal of Hand Surgery(Am) 29(5):796-803 Sep 2004
- 54. Walsh E, Mechrefe, A, Akelman E, Schiller A: Giant Cell Tumor of Tendon Sheath

 <u>American Journal of Orthopaedics</u> Vol.34 #3

 Pp 116-121 March 2005
- 56. Walsh E, Akelman E, Fleming BC, DaSilva MF:
 Thumb Carpometacarpal Arthroscopy: A Topographic, Anatomic Study
 of the Thenar Portal. J. Hand Surg.(Am) 30(2):373-379, 2005.
- 57. Crisco JJ, Coburn JC, Moore DC, Akelman E, Weiss, A-PC, Wolfe, S: In Vivo Radiocarpal Kinematics and the Dart Thrower's Motion.
 J. Bone Joint Surg (Am) 87-A (12):2729-2740, 2005.

Articles, Peer Review - Submitted for Publication:

57. Roh M, Weiss A-PC, Akelman E:
Dupuytren's-Like Contracture Following Surgery for Trigger
Finger
Journal of Hand Surgery (04/98)

- 58. Bluman E, Arbalaez C, Akelman E:
 Case Report: Successful Closed Treatment of Carpometacarpal
 Dislocation Without Fractures of Joints 2-5
 Journal of Hand Surgery (07/02)
- 59. DaSilva M, Manuel J, Walsh E, Akelman E: Arthroscopic Lateral Epicondyle Release
- 60. Crisco JJ, Coburn JJ, Moore DC, Upal MA, Akelman E: The Volume and Size of Male and Female Carpal Bones
- 61. Kang L, Weiss A-PC, Akelman E: Arthroscopic Vs. Open Dorsal Ganglion Cyst Excision: A Prospective Comparison of Rates of Recurrence. JHS 11/04
- 63. Leventhal EL, Moore DC, Akelman E, Weiss A-PC, Wolfe SW, and Crisco JJ:
 Interfragmentary Motion in Patients with Scaphoid Nonunion.

Abstracts

- 1. Reuter M, Cannistra L, Akelman E, Herndon JH: Evaluation of bioresorbable acid nerve guides: A study using the rat sciatic nerve. <u>Transactions Orthopaedic Research Society</u> Vol. 12: 477, 1987
- 2. Akelman E, Cannistra LM, Tang M, et al: Regeneration of a peripheral nerve through a bioresorbable nerve guide in primates: A preliminary study. <u>Transactions Orthopaedic Research Society</u>, 13:468, 1988
- 3. Apostolo PM, Cannistra LM, Akelman E:
 Analysis of nerve regeneration and reinnervation in
 the laboratory rat using horseradish peroxidase.

 Transactions Orthopaedic Research Society, 14:433, 1989
- 4. Wegner DA, Cannistra LM, Akelman E: Nerve regeneration through collagen-filled bioresorbable nerve guides. <u>Transactions Orthopaedic Research Society</u>, 15(1): 102,1990
- 5. Akelman E, Cannistra LM, Tang M, Williams S, Sidman RL, Mares F, Tang R:
 Regeneration of peripheral nerves through bioresorbable nerve guides in primates: A study using functional assessment.

 Transactions Orthopaedic Research Society, 15(2):584,1990
- 6. Clawson MC, Cannistra LM, Hulstyn MJ, Tang R,
 Akelman E:
 The effect of laminin peptides on nerve regeneration
 through bioresorbable nerve guides.

 Transactions Orthopaedic Research Society, 16(1):90,1991
- 7. Campbell RB, Cannistra LM, Fadale PD, Wiggins M, Akelman E:
 The effects of local corticosteroid injection on the

- healing of rat medial collateral ligaments.

 <u>Transactions Orthopaedic Research Society</u>, 16(1):112,1991
- 8. Boynton MD, Cannistra LM, Walsh WR, Sasken HF, Russell MS, Akelman, E:
 Early effects of local fibronectin application on ligament healing.

 Transactions Orthopaedic Research Society, 17(1):77,1992
- 9. Daley RA, Cannistra LM, Walsh WR, Sasken HF, Akelman E: A chicken model for flexor tendon adhesion studies <u>Transactions Orthopaedic Research Society</u>, 17(1):103, 1992
- 10. Lefkoe TP, Trafton PG, Dennehy DT, Ehrlich MG,
 Akelman E:
 A new model of articular step off for the study of
 post-traumatic arthritis
 Transactions Orthopaedic Research Society, 17(1):207, 1992
- 11. Daley RA, Cannistra LM, Sasken HF, Akelman E:
 A Temporal Evaluation of Flexor Tendon Adhesions
 Transactions Orthopaedic Research Society, 18(11):157,1993
- 12. Weiss APC, Akelman E, Lambiase R:
 A Prospective Study of Triple Injection Wrist CineArthrography Correlated to Arthroscopic Findings
 Transactions of the 48th American Society for Surgery
 of the Hand, Kansas, City, Missouri 1993
- 13. Williams JS Jr, Kamionek S, Weiss APC, Akelman E:
 The Surgical Approach in Non-Border Digit Complex Dislocations of the Metacarpophalangeal Joint
 Transactions of the 24th Eastern Orthopaedic Association,
 Orlando, Florida 1993
- 14. Weiss APC, Kramer AA, Barrach HJ, Akelman E: Variations in the Quantity of Type II Collagen in Carpal Tunnel Syndrome. <u>Transactions Orthopaedic Research Society</u> 19(1):389 New Orleans, LA 1994
- 15. Weiss APC, Akelman E, Lambiase R:
 A Prospective Study of Triple Injection Wrist CineArthrography Correlated to Arthroscopic Findings
 Transactions of the 61st American Academy of
 Orthopaedic Surgeons, New Orleans, Louisiana, 1994
- 16. Lambiase RE, Weiss APC, Akelman E, Dorfman GS:
 A Prospective Comparison of Single vs. Triple Wrist
 Joint Arthrography with Arthroscopic Correlation.

 Transactions of the 80th Radiological Society of
 North America, Chicago, Illinois 1994
- 17. Cole PA, Voss LA, Weiss APC, Akelman E:
 A Prospective Study of Radiographic and Clinical Outcome
 Following Ulnar Styloid Fractures in 80 Consecutive Patients
 Transactions of the 11th Orthopaedic Trauma
 Association, Tampa, Florida, 1995
- 18. Hulsizer D, Weiss APC, Akelman E:
 Ulnar Shortening Osteotomy for Failed Arthroscopic
 Debridement of Triangulofibrocartilage Complex
 Tears

- <u>Transactions of the 63rd American Academy of</u>
 <u>Orthopaedic Surgeons</u>, Atlanta, Georgia, 1996
- 19. Blanks RH, Platt JC, Valentini RF, Alford JW,
 Moore DC, Rosenberg JN, Akelman E, Weiss APC:
 Early Recovery of Peripheral Nerve Crush Injury
 Induced by Nerve Growth Factor
 Transactions of the 42nd Orthopaedic Research Society
 Atlanta, Georgia, 1996
- 20. DaSilva MF, Moore D, Weiss APC, Akelman E, Sikirica N:
 Anatomy of the Palmar Cutaneous Branch of the Median
 Nerve: Clinical Significance
 Transactions of the 63rd American Academy of
 Orthopaedic Surgeons, Atlanta, Georgia, 1996
- 21. Voss L, Rosenberg J, Weiss APC, Akelman E, Moore D: Early Recovery of Peripheral Nerve Injury After Intermittent and Continuous Crush Injury Transactions of the 43rd Orthopaedic Research Society San Francisco, California 1997
- 22. Barnum MJ, Mastey RD, Weiss APC, Akelman E:
 Radial Tunnel Release in the Workers Compensation
 Population
 Transactions of the 64th American Academy of Orthopaedic Surgeons,
 San Francisco, CA, 1997
- 22. Glowacki KA, Akelman E, Weiss APC:
 Surgical Decompression for Pronator Syndrome
 Transactions of the 64th American Academy of
 Orthopaedic Surgeons, San Francisco, CA, 1997
- 23. Cole PA, Voss LA, Weiss APC, Akelman E:
 A Prospective Study of Radiographic and Clinical
 Outcome Following Ulnar Styloid Fractures
 Transactions of the 64th American Academy of
 Orthopaedic Surgeons, San Francisco, CA, 1997
- 24. Hulsizer DL, Staebler M, Weiss APC, Akelman E: The Results of Revision Carpal Tunnel Release Following Previous Open vs. Endoscopic Surgery Transactions of the 64th American Academy of Orthopaedic Surgeons, San Francisco, CA, 1997
- 25. Smith JG, Weiss APC, Akelman E:
 Thumb Carpometacarpal Arthroplasty: Ligament
 Reconstruction Compared to Anchovy Interposition
 Transactions of the 52nd American Society for Surgery of the Hand,
 Denver, Colorado, 1997
- 26. Staebler MP, Moore D, Akelman E, Weiss APC, Fadale P, Crisco JJ:
 The Effects of Wrist Guards on Distal Radius Bone Strain
 Transactions of the 29th Annual Meeting of the American Society for Sports Medicine, Vancouver, British Columbia, 1998
- 27. Staebler MP, Akelman E, McGovern RD, Crisco JJ, Fadale PD, Weiss APC, Moore D:
 Wrist Guards Reduce Bone Strain in the Distal Radius
 Transactions of the 44th Annual Meeting of the
 Orthopaedic Research Society

New Orleans, Louisiana, 1998

- 28. Voss LA, Cole PA, Weiss APC, Akelman E:
 Functional Outcome, Clinical and Radiographic
 Results in Distal Radius Fractures.

 Transactions of the 65th American Academy of
 Orthopaedic Surgeons, New Orleans, Louisiana 1998
- 29. Voss LA, Weiss APC, Akelman E, Cole PA:
 The Association of Radiographic Indices and Outcome for
 Intracarpal Lesions and Distal Radius Fractures and Ulna
 Fractures
 Transactions of the 65th American Academy of
 Orthopaedic Surgeons, New Orleans, Louisiana 1998
- 30. Voss LA, Weiss APC, Akelman E, Rosenberg J, Moore D: Early Recovery of Peripheral Nerve Injury Using Continuous vs. Intermittent Crush

 <u>Transactions of the 65th American Academy of Orthopaedic Surgeons</u>, New Orleans, Louisiana 1998
- 32. Moore DC, McGovern R, Crisco JJ, Infantolino C,
 Akelman E, Weiss A-P C:
 Metacarpophalangeal Mechanics After Replacement
 Transactions of the 45th Orthopedic Research Society
 Anaheim, California, 1999
- 33. Moore D, McGovern RD, Crisco JJ, Infantolino CE, Akelman E, Weiss A-PC:
 Mechanics of Silicone Metacarpophlanageal
 Replacements in Finger Flexion and Extension.

 Transactions of the ASME/AIChE/USNCB/BMES Summer
 Bioengineering Meeting
 Big Sky, Montana 1999
- 34. Moore D, Hogan KA, DaSilva MF, Akelman E, Weiss APC, Crisco JJ:

 3-D In Vivo Kinematics of the Distal Radioulnar Joint in Malunited Distal Radius Fractures

 Transactions of the 53rd Meeting of the ASSH
 Boston, Massachusetts 1999
- 35. Moore D, McGough R, Crisco JJ, Infantolino CE, Akelman E, Weiss A-PC.

 Metacarpophalangeal Mechanics After Silicone Joint Replacement

 Transactions of the 53rd Meeting of the ASSH
 Boston, Massachusetts 1999
- 36. Moore D, Hogan KA, Crisco JJ, Akelman E, DaSilva MF, Weiss A-PC:

 3-D In Vivo Kinematics of the Distal Radioulnar Joint in Malunited Distal Radius Fractures

 Transactions of the 46th Orthopaedic Research Society Orlando, Florida March 2000
- 37. Moore D, Staebler MP, Crisco JJ, Greenwald RM, Akelman A, Weiss APC:
 Wrist Guards Reduce Impact-Generated Bone Strain in the Distal Radius.
 Transactions of the 46th Annual Meeting, Orthopaedic Research Society. Orlando, Florida March 12-15, 2000

- 38. Pike SL, Galvin DL, Wolf S, Weiss APC, Akelman E, Crisco JJ:

 Carpal Bone Postures and Motions are Abnormal in Both Wrists of Patients with Unilateral Scapholunate Interosseous Ligament Tears

 Transactions of the 24th Annual Meeting of the American Society of Biomechanics
 Chicago, Illinois July 19-22, 2000
- 39. Pike SL, Galvin DL, Wolf S, Weiss APC, Akelman E, Crisco JJ:

 Carpal Kinematics Are Abnormal in Both Wrists
 of Patients with Unilateral Scaphoid-Lunate
 Interosseous Ligament Injuries.

 12th Conference- European Society of Biomechanics
 Dublin, Ireland August 2000
- 40. Alsheik N, Weiss APC, Moore DC, Crisco JJ, Akelman E:

 Effects of Lateral Bending Stress on Fatigue Life of

 Anatomically Neutral Metacarpophalangeal (MCP) Joint Implant
 ASSH Annual Meeting
 Seattle, Washington October 2000
- 41. Hayes EP, Bradley MP, Weiss A-PC, Akelman E

 A Prospective Study of Outcome Following Mini Open
 Carpal Tunnel Release.
 Transactions of the 54th meeting of the American
 Society for Surgery of the Hand
 Seattle, Washington October 2000
- 42. Crisco JJ, Pike S, Hulsizer-Galvin D, Akelman E,
 Weiss A-PC, Wolfe SW:

 Carpal Bone Flexion/Extension Kinematics are Abnormal In Both
 Wrists of Patients with Unilateral Scapholunate Ligament Tears.
 Transactions of the 47th Annual Meeting of the Orthopaedic
 Research Society
 San Francisco, CA February 2001
- 43. Crisco JJ, Neu CP, Demiralp C, Laidlaw DH, Weiss APC, Akelman E, Wolfe S: Scientific Exhibit <u>Interactive Visualization of 3D Carpal Kinematics and Bony Anatomy</u> (N)
 ASSH Annual Meeting
 Baltimore, MD October 4-6, 2001
 Note: Won ASSH awards for "Best Scientific Content" and "Best Layout and Presentation"
- 44. Poore S, Goslow G, Muirhead W, Akelman E

 Functional Analysis of Sciatic Nerve Regeneration in Rats

 Transactions of the 48th Annual Meeting of the Orthopaedic Research Society

 Dallas, Texas February 2002
- 45. Crisco JJ, Kang L, Sonenblum SE, Akelman E:

 In Vivo Motion of the Scaphotrapezio-Trapezoidal
 (S.T.T) Joint.

 IV World Congress of Biomechanics
 Calgary, Alberta, Canada August 2002
- 46. Marai GE, Laidlaw DH, Demiralp C, Grimm CM, Crisco JJ, Moore DC, Akelman E:

Contact areas and ligament lengths are abnormal in patients with malunited distal radius fractures despite normal radioulnar kinematics.

IV World Congress of Biomechanics Calgary, Alberta August 2002.

- 47. Crisco JJ, Marai E, Laidlaw DH, Moore D, Akelman E:

 <u>Kinematic and Mechanical Changes in the Distal Radioulnar Joint</u>
 (DRUJ) of Patients with Malunited Distal Radius Fractures
 Transactions of the 49th Annual Meeting of the Orthopaedic
 Research Society
 New Orleans, Louisiana February 2003
- 48. Sonenblum SE, Crisco JJ, Kang L, Akelman E:

 The Scaphotrapezio-Trapezoidal (STT)Joint: An

 Analysis of In-Vivo STT Motion in Flexion, Extension and Ulnar

 Deviation.

 49th Annual Meeting of the Orthopaedic Research Society. New
 Orleans, Louisiana February 2003.
- 50. Walsh E, DaSilva M, Fleming BC, Uber BE, Ramos P, Akelman E, Crisco JJ, Spenciner DB, Paiva JA:

 <u>Thumb Carpometacarpal (CMC) Arthroscopy: A Topographical Arthroscopic, Anatomic Study of a New Thenar Portal</u>

 Transactions of the 58th Annual Meeting of the ASSH Chicago, Illinois September 2003

- 49. Sonenblum SE, Crisco JJ, Upal WA, Akelman E, Wolfe S: Strain of the Scapholunate Interosseous Ligament
 SLIL) During In Vivo Wrist Motion
 Transactions of the 49th Annual Orthopaedic Research Society Meeting
 San Francisco, California March 2004
- 51. Wolf SW, Crisco JJ, Laidlaw D, Moore DC, Akelman E:

 <u>Kinematic and Mechanical Changes in the Distal Radioulnar Joint</u>

 (DRUJ) of Patients with Malunited Distal Radius Fractures.

 56th Annual Meeting of the Association of Bone and Joint Surgeons Nashville, Tennessee June 2004
- 52. Crisco JJ, Coburn JC, Moore DC, Akelman E, Weiss APC, Wolfe SW:

 Dart Thrower's Wrist Motion is Achieved In Vivo with Minimal Radiocarpal Motion.

 51st Annual Orthopaedic Research Society Meeting Washington, DC February 2005
- 53. Crisco JJ, Akelman E, Weiss APC, Wolfe SW:

 In Vivo Radioscaphoid and Radiolunate Kinematics and the Dart

 Thrower's Motion.

 Joint Annual Meeting of the American Society for Surgery
 of the Hand and the American Society of Hand Therapists
 San Antonio, Texas September 2005
- 54. Leventhal EL, Moore DC, Akelman E, Weiss APC, Wolfe SW, Crisco JJ.

 Interfragmentary Motion in Patients with Scaphoid

 Nonunions.

 52 ND Annual Meeting of the Orthopaedic Research Society Chicago, Illinois March 2006
- 55. Moore DC, Wilkerson JA, Calfee RP, Crisco JJ, Leventhal EL, Akelman E.

 Fidelity of In Vitro and In Vivo Radiocarpal Kinematic Data.

 52nd Annual Meeting of the Orthopaedic Research Society Chicago, Illinois March 2006
- 56. Crisco JJ, Coburn JC, Moore DC, Akelman E, Weiss APC, Wolfe SW:

 <u>Dart Thrower's Wrist Motion is Achieved In Vivo with Minimal Radiocarpal Motion.</u>

 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons
 Chicago, Illinois March 2006

Articles, Non-Peer Reviewed - Published

- 1. Akelman E:
 Upper Extremity Injuries in Athletes: An Overview
 RI Medicine 70 (6): 245-250, 1987
- 2. Weiss AP, Akelman, E:
 Carpal Tunnel Syndrome A Review
 RI Medicine 75 (6):303-306, 1992
- 3. Katarincic JA, Weiss APC, Akelman E: Lateral Epicondylitis: A Review RI Medicine 75 (11): 541-544, 1992

- 4. Roh M, Weiss APC, Akelman E: Skiers Thumb: A Review. RI Medicine 77(11):384-85, 1994
- 5. Palumbo MA, Lucas P, Akelman E:
 "Lumbar Spinal Stenosis: A Review"
 RI Medicine 78 (11) 321-323 November 1995
- 6. Akelman E:
 It's All In the Wrist
 Lifespan 3(1):22. 1999
- 7. Wells-Federman C, Akelman E, Benson L, Hartigan C, Tromanhauser S, Shor, M.: Clinical Pathway for Work-Related Injury: Carpal Tunnel Syndrome

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 www.bdohi.org January 2006