

Faculty Presentations and Publications July 1, 1997—June 30, 1998

PEDRO K. BEREDJIKLIAN, MD

Presentations

- “Computerized Tomography of Cervical Spine Fractures: Does it Influence Treatment?” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Mini versus Open Rotator Cuff Repair: A Comparison of Functional Results, Length of Operation, and Duration of Hospital Stay.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “The Variability of Load and Torque Generation in Commonly Available Pediatric Halo Wrenches.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Gunshot Wounds to the Upper Extremity in Children.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Surgical Management of Meso Os Acromiale and Associated Rotator Cuff Disease.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Repair of the Scapholunate Ligament: A New Technique for Reduction of the Lunate.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “The Significance of the Three Volar Spaces in Forearm Compartment Syndrome: A Clinical and Cadaveric Correlation.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.

Publications

- Moore RM, Beredjiklian PK, Rhoad R, Theiss S, Cuckler JM, Ducheyne P, Baker DG: A Comparison of the Inflammatory Potential of Particulates Derived from Two Composite Materials. *J Biomedical Materials Research*, 34:137–47, 1997.
- Beredjiklian PK, Iannotti JP: Management of proximal humerus fracture malunion with prosthetic arthroplasty. *American Academy of Orthopaedic Surgeons Instructional Course Lectures* 47:135–40, 1998.

JOSEPH BERNSTEIN, MD

Presentations

- “Games Women Play: Sports Medicine.” Pennsylvania Hospital Women’s Health Seminars, Philadelphia, PA, Oct 1997.

- “Sports Medicine and Arthritis.” University of Pennsylvania Joint Reconstruction Symposium, Philadelphia, PA, May 1998.

Publications

- Bernstein J: Decision Analysis. *J Bone Jt Surgery*, 79A: 1404–14, 1997.
- Bernstein J, Monaghan BA, Silber JS, DeLong WG: Taxonomy and Treatment: A Classification of Fracture Classifications. *J Bone Jt Surgery*, 79B:706–7, 1997.
- Bernstein J: Meniscal Repair: Indications and Results. *Bone and Joint Disease: Index and Review*, Volume VI, No. 2, 1997.
- Bernstein J: Physician Income Homeostasis. *J Health Care Finance*, 24(4): 80–86, 1998.
- Bernstein J: Arthroscopy for Osteoarthritis of the Knee. *J Musculoskeletal Medicine*, 15(5): 43–47, 1998.
- Bernstein J: Current Controversies in Orthopaedic Surgery. Arthroscopy in Degenerative Joint Disease. A Limited Role. *Univ. of PA Orthopaedic Journal*, 11: 97–100, 1998.
- Bernstein J and Winiarsky R: Osteochondral Defects of the Knee. *Current Opinion in Orthopaedics*, 9(1): 35–41, 1998.
- Bernstein J: Relationship Between the Volume of Total Hip Replacement Performed by Providers and the Rates of Complications in the State of Washington. (Letter) *J Bone Jt Surgery*, 80(4): 606–7, 1998.
- Bernstein J: Resurfacing of the Patella in Total Knee Arthroplasty. A Prospective, Randomized Double-Blind Study. (Letter) *J Bone Jt Surgery*, 80(6): 925–26, 1998.

CHRISTOPHER T. BORN, MD

Publications

- Reilly TM, Born CT: Forearm Fractures. In *Principles of Orthopaedic Practice*, McGraw-Hill, 1997.
- Pan WT, Born CT, DeLong WG: Fractures and Dislocation Involving the Elbow Joint. In *Principles of Orthopaedic Practice*, McGraw-Hill, 1997.
- Catalano JC, Born CT: Hip Replacement Following Failed Acetabular Surgery in Pelvic Trauma Update. In *Operative Techniques in Orthopaedics*, 7(3), WB Saunders, 1997.
- Born CT, Tahernia D: Radiographic Evaluation of Cal-

caneal Fractures. *In Clinics in Podiatric Medicine and Surgery*, 14(2), WB Saunders, 1997.

- Born CT, DeLong WG: Orthopaedic Trauma Education: Visions for the Future through the OTA. *Univ. of PA Orthopaedic Journal*, 11:103–5, 1998.

DAVID J. BOZENTKA, MD

Presentations

- “MRI Localization of TFCC Injuries.” Poster Presentation, American Society for Surgery of the Hand, Denver, CO, Sept 1997.
- “Hand Related Problems in a Post-Mastectomy and Axillary Dissection Patient Population.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “Gunshot Wounds to the Hand.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “The Evaluation & Treatment of Disorders Affecting the Distal Radioulnar Joint.” American Association for Hand Surgery, Scottsdale, AZ, Jan 1998.
- “Optimal Position for One Bone Forearm: An Analysis Using a Hinged Brace in Normal Subjects.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Pediatric Hand Infections.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Gunshot Wounds to the Upper Extremity in Children.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Optimal Position of the One-Bone Forearm: an Analysis Using a Hinged Brace in Normal Subjects.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Major Pediatric Hand Trauma Associated with Fireworks.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.

Publications

- Naranja JR, Bozentka DJ, Partington MT, Bora FW: Radiocarpal Dislocation: A Report of Two Cases and a Review of the Literature. *Am J Orthopaedics*, 27(2): 141–44, 1998.
- Bozentka DJ: Cubital Tunnel Syndrome Pathophysiology, Repetitive Motion Disorders. *Clin Orthop Rel Res*, 351, 1998.
- Gupta R, Allen F, Tan V, Bozentka DJ, Bora FW, Osterman AL: The Effect of Shear Stress on Fibroblasts Derived from Dupuytren’s Tissue and Normal Palmar Fascia. *J Hand Surgery*, 23A(5):945, 1998.

CARL T. BRIGHTON, MD, PHD

Publications

- Reilly TM, Luchetti W, Brighton CT: Similarities in the Phenotypic Expression of Pericytes and Bone Cells. *Clin Orthop Rel Res*, 346: 95–103, 1998.

RICHARD S. DAVIDSON, MD

Publications

- Wang ED, Drummond DS, Dormans JP, Moshang T, Davidson RS, Gruccio D: Scoliosis in patients treated with growth hormone. *J Ped Ortho*, 17(6): 708–11, 1997.
- Naranja RJ, Gregg JR, Dormans JP, Drummond DS, Davidson RS, Hahn M: Pediatric fracture without radiographic abnormality. *Clin Orthop Rel Res*, 342: 141–46, 1997.

WILLIAM G. DELONG, JR., MD

Presentations

- “Trauma.” University of Pennsylvania Joint Reconstruction Symposium, Philadelphia, PA, May 1998.
- “Fractures of the Humeral Shaft.” AO/ASIF Principles of Fracture Management Course, Advanced Controversies in Fracture Care Course, Marco Island, FL, June, 1998.
- “Acute Infection and Fracture Care.” AO/ASIF Principles of Fracture Management Course, Advanced Controversies in Fracture Care Course, Marco Island, FL, June 1998.

Publications

- Bernstein J, Monaghan BA, Silber JS, DeLong WG: Taxonomy and Treatment: A Classification of Fracture Classifications. *J Bone Jt Surgery*, 79B:706–7, 1997.
- Johnson ET, DeLong WG: Humeral Shaft Fractures. In *Principles of Orthopaedic Practice* (2nd Edition), McGraw-Hill, 1997.
- Pan WT, Born CT, DeLong WG: Fractures and Dislocation Involving the Elbow Joint. In *Principles of Orthopaedic Practice*, McGraw-Hill, 1997.
- Born CT, DeLong WG: Orthopaedic Trauma Education: Visions for the Future through the OTA. *Univ. of PA Orthopaedic Journal*, 11:103–5, 1998.

John P. Dormans, MD

Presentations

- “Double-barreled Free Vascular Fibular Graft for Reconstruction After Type I Internal Hemipelvectomy of the Pelvis in Children.” The International Society of Limb Salvage Surgery, Ninth International Symposium, New York, NY, Sept 1997.
- “Limb Salvage in Children.” The International Society of Limb Salvage Surgery, Ninth International Symposium, New York, NY, Sept 1997.
- “Augmentation of Anterior Instrumentation with Treaded Bone Dowels: A Biomechanical Study.” The Scoliosis Research Society, St. Louis, MO. Sept 1997.

- “DDH After Walking Age.” Pediatric Orthopaedics: Current Perspectives and Techniques Sponsored by the AAOS, Marco Island, FL, Oct 1997.
- “Scheuermann’s Kyphosis.” Pediatric Orthopaedics: Current Perspectives and Techniques Sponsored by the AAOS, Marco Island, FL, Oct 1997.
- “Congenital Anomalies of the Upper Cervical Spine; Identifying Patients at Risk for Myelopathy.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “Calcaneal Unicameral Bone Cyst.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “Halo Pins.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “Congenital Anomalies of the Upper Cervical Spine; Identifying Patients at Risk for Myelopathy.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “Augmentation of an Anterior Solid Rod Construct with Threaded Cortical Bone Dowels. A Biomechanical Study.” The North American Spine Society. Oct 1997.
- “Augmentation of an Anterior Instrumentation with Threaded Bone Dowels.” The North American Spine Society, Oct 1997.
- “Traumatic Atlanto-occipital Dislocation in Children.” SAEM Western Regional Research Forum, Jan 1998.
- “Augmentation of an Anterior Instrumentation with Threaded Bone Dowels. A Biomechanical Study.” The Orthopaedic Research Society, New Orleans, LA, March 1998.
- “Congenital Anomalies of the Upper Cervical Spine; Identifying Patients at Risk.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Changing Concepts of Pediatric Musculoskeletal Infection.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Child Abuse: Early Recognition by the Orthopaedic Surgeon.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “True 3D Digital Holography as a Tool for Displaying Congenital Abnormalities of the Cranial-cervical Junction in a Pediatric Patient Population.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Chondroblastoma.” Pediatric Society of North America, Cleveland, OH, May 1998.
- “Soft Tissue Sarcomas.” Pediatric Society of North America, Cleveland, OH, May 1998.
- “Fibromatosis in Children and Adolescents.” Pediatric Society of North America, Cleveland, OH, May 1998.
- “DDH, Coxa Vara and PFFD.” AAOS 14th Annual Comprehensive Review Course, Chicago, IL, May 1998.
- “Scoliosis: Classification, Clinical and Management Considerations.” American Society of Neuroradiology 36th Annual Meeting, Philadelphia, PA, May 1998.
- “Analysis of Resistance to Cisplatin and P53 Alter-

ations in Human Osteosarcoma Cells by Fluorescence in Situ Hybridization.” The 4th International Combined Meeting of The American and European Musculoskeletal Tumor Societies, Washington, DC, May 1998.

Publications

- Akbarnia H, Ganley TJ, Dormans JP, Mahboubi S, and Finn LS: Leg Pain and Swelling in a 14 Year Old Boy. *Clin Orthop Rel Res*, 352:250–57, 1997.
- Naranja RJ, Gregg JP, Dormans JP, Drummond DS, Davidson RS and Hahn G: Description and Significance of the Pediatric Fracture Without Radiographic Abnormality (FWORA). *Clin Orthop Rel Res*, 342: 141–46, 1997.
- Cohen RB, Dormans JP, Meyers J, Collins M: Back Pain in An Eight Year Old Girl. *Clin Orthop Rel Res*, 343: 249–59, 1997.
- Wang, E, Drummond, DS, Dormans, JP, Moshang, T, Gruccio, Dalrymple, D: Scoliosis in Patients Treated with Growth Hormone. *J Ped Ortho*, 17(6):708–11, 1997.
- Ganley TJ, DeRuiter CJ, Dormans JP, Meyer JS, Collins MH: Ankle Pain and Swelling in a 10 Year Old Girl. *Clin Orthop Rel Res*, 348: 282–84, 1998.
- Flynn JM, and Dormans JP: Spine Trauma in Children. *Seminars in Spine Surgery*, 10(1): 7–16, 1998.
- DeRuiter CJ, Ganley TJ, Dormans JP, Meyer JS, Finn L: Inguinal Swelling in a 5 Year Old Female. *Clin Orthop Rel Res*, 350: 268–75, 1998.
- Janss A, Rorke L, Goldwein J, Heller G, Sutton L, Dormans JP: Spinal Ganglioma. *Medical and Pediatric Oncology*, 31: 116–22, 1998.

DENIS S. DRUMMOND, MD

Presentations

- “Slipped Capital Femoral Epiphysis: Point and Counterpoint.” International Pediatric Orthopaedic Think Tank, Rancho Mirage, CA, Oct 1997.
- “The Role of Anterior Disc Space Implants for Anterior Instrumentation of the Spine.” The North American Spine Society Meeting, New York, NY, Oct 1997.
- “Neuromuscular Scoliosis: Surgical Treatment.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.

Publications

- Drummond DS: Chapter in *Spinal Instrumentation* (2nd Ed), Williams and Wilkins, 1998.

MALCOLM L. ECKER, MD

Presentations

- “Tibial Subchondral MRI Changes in Early Osteoarthritis of the Knee: Possible Osteonecrosis.” The Annual Meeting of the Arthroscopy Association of North America, Orlando, FL, May 1998.

Publications

- Ecker ML: Porous-Coated Acetabular Components with Screw Fixation. *J Bone Jt Surgery*, 79A:1891, 1997.
- Ecker ML: Adolescent Idiopathic Scoliosis: Treatment with the Wilmington Brace. A Comparison of Full-Time and Part-Time Use. *J Bone Jt Surgery*, 80A:1083, 1998.
- Lotke PA, Ecker ML: Tibial Subchondral MRI Changes in Early Osteoarthritis of the Knee: Possible Osteonecrosis. *Arthroscopy*, 14:412–13, 1998.

JOHN L. ESTERHAI, JR., MD

Presentations

- “Antibiotic for Fracture Care.” Orthopaedic Trauma Association, Louisville, KY, Oct 1997.
- “Pathophysiology of Delayed Union.” Association of Bone and Joint Surgeons Workshop on Bone Regeneration, Tampa, FL, Oct 1997.
- “Use of Pulsed Electro Magnetic Field Stimulation for Fracture Nonunion.” Dutch Orthopaedic and Traumatology Meeting, Amsterdam, Netherlands, Nov 1997.
- “Pulsed Electro Magnetic Field Stimulation of Fracture Repair.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Restoration of Muscle Function During Rehabilitation.” American Orthopaedic Association Annual Meeting, Asheville, NC, June 1998.

Publications

- Naranja RJ, Chan PSH, High K, Esterhai JL, Heppenstall RB: Treatment Considerations in Patients with Compartment Syndrome and an Inherited Bleeding Disorder. *Orthopaedics*, 20:706–9, 1997.
- Tan V, Cheatle MD, Mackin S, Moberg PJ, Esterhai JL: Goal Setting as a Predictor of Return to Work In a Population of Chronic Musculoskeletal Pain Patients. *International Journal of Neuroscience*, 92:161–70, 1997.
- Naranja RJ, Chan P, Esterhai JL, Heppenstall RB: Analysis of Hospital Days After Wound Closure for Fasciotomy: Delayed Primary Closure Versus Split Thickness Skin Graft. *Techniques in Orthopaedics*, 12:90–91, 1997.
- Abene A, Esterhai JL: Soft Tissue Management of Compartment Syndrome Fasciotomy & Gustilio and Anderson type IIIB Open Fracture Wounds. *Techniques in Orthopaedics*, 12:127–32, 1997.
- Adler LM, Heppenstall RB, Esterhai JL: Compartment Syndrome in the Well Leg: A Complication of the Hemilithotomy Position. *Techniques in Orthopaedics*, 12:133–35, 1997.
- Chan PSH, Naranja RJ, High K, Esterhai JL, Heppenstall RB: Treatment of Compartment Syndrome in Pa-

tients with Altered State of Coagulation. *Techniques in Orthopaedics*, 12:136–41, 1997.

- Chan PSH, Klimkiewicz J, Luchetti WT, Sawyer J, Esterhai JL, Kneeland JB, Heppenstall RB: Impact of CT Scan on Treatment Plan and Fracture Classification of Tibial Plateau Fractures. *Journal of Orthopaedic Trauma*, 11:484–89, 1997.
- Sawyer JR, Esterhai JL: Management of the Shoulder Infection. In *Complex and Revision Problems in Shoulder Surgery*, Raven Press, New York, NY, 1997, 385–98, 1997.
- Sawyer JR., Esterhai JL: Pediatric Orthopaedics. In *Current Pediatric Therapy* (16th Edition), WB Saunders, Philadelphia, PA, 385-98, 1997.
- Vandenborne K, Elliott M, Walter GA, Abdus S., Okereke E, Shaffer M, Tahernia D, Esterhai JL: Case Study: Longitudinal Study of Skeletal Muscle Adaptations During Immobilization and Rehabilitation. *Muscle and Nerve*, 21:1006–12, 1998.

ROBERT H. FITZGERALD, JR., MD

Presentations

- “The Treatment of the Infected Total Hip Arthroplasty; Cemented Total Hip Arthroplasty: The Fourth Generation.” Asia Orthopaedic Training Meeting, Taipei, Taiwan, Oct 1997.
- “Prevention of DVT in Total Hip and Knee Replacement with Low Molecular Weight Heparin.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “The Outcome Assessment of 5,533 Patients With Total Hip & Knee Arthroplasty.” Hip and Knee Registry Fall Meeting, Scottsdale, AZ, Nov 1997.
- “Predictors of Injury Among Adult Recreational In-Line Skaters: A Multi-City Study.” Combined Meeting Orthopaedic Associations, New Zealand, Auckland, 1998.
- “Revision THA: Investigation; The Value of Outcomes Measurement for Orthopaedic Surgeons in the Managed Care Environment; The Outcome Assessment of 10,000 Patients Treated with Total Hip and Knee Arthroplasty.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Update on DVT Prophylaxis Following Total Joint Arthroplasty; Fourth Generation Cemented Total Hip Arthroplasty: Outcomes Assessment.” Hawaii Orthopaedic Association Meeting, Honolulu, Hawaii, Apr 1998.
- “The Outcome Assessment of 10,000 Patient Treatment with Total Hip and Knee Arthroplasty.” International Hip Society, South Devon, UK, May 1998.

Publications

- Fitzgerald RH: Managing the Risk of Venous Thromboembolism in Orthopaedics: Introductory Remarks. *Orthopaedics*, 5(2):6, 1997.

- Davis LP, Fitzgerald RH, Rajan DK: Radionuclide Imaging. In *The Adult Hip*, Lippencott-Raven, Philadelphia, PA, 1998.

JOHN M. FLYNN, MD

Presentations

- “Analysis of 111 Consecutive Pediatric Pelvic Fractures in Children.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Fracture patterns in children and young adults who fall from significant heights.” The International Pediatric Orthopaedic Symposium, Orlando, FL, 1998.
- “Osteochondral defect repair using autograft and embryonal allograft cylindrical plugs in a New Zealand white rabbit model.” The Arthroscopy Association of North America Meeting, Orlando, FL, 1998.
- “Fracture patterns in children and young adults who fall from significant heights.” The Orthopaedic Trauma Association, Vancouver, BC, 1998.
- “The role of MRI in evaluation of pediatric cervical spine injuries.” American Academy of Pediatrics, 1998.
- “Objective evaluation of knee laxity in children.” American Academy of Pediatrics, 1998.
- “Fracture patterns in children and young adults who fall from significant heights.” American Academy of Pediatrics, 1998.
- “Osteochondral defect repair using autograft and embryonal allograft cylindrical plugs in a New Zealand white rabbit model.” American Academy of Pediatrics, 1998.

Publications

- Ganley T, Spiegel D, Gregg JR, Flynn JM: Overuse Injuries to the Physes in Young Athletes: A Clinical and Basic Science Review. *Univ. of PA Orthopaedic Journal*, 11:27–35, 1998.
- Flynn JM, Donohoe KR, Mackenzie W: An Independent Assessment of Two Clubfoot Classification Systems. *J Ped Ortho*, 18:323–27, 1998.
- Flynn JM: Current Treatment Options for Pediatric Femur Fractures. *Univ. of PA Orthopaedic Journal*, 11: 27–35, 1998.
- Flynn JM and Dormans JP: Spine Trauma in Children. *Seminars in Spine Surgery*, 10:7–16, 1998.
- Spiegel D, Flynn JM, Drummond DS: Anterior Instrumentation in the Treatment of Scoliosis. *Univ. of PA Orthopaedic Journal*, 11:27–35, 1998.

THEODORE J. GANLEY, MD

Presentations

- “Osteochondral defect repair using autograft and embryonal allograft cylindrical plugs in a New Zealand

white rabbit model.” The Arthroscopy Association of North America Meeting, Orlando, FL, 1998.

- “Osteochondral defect repair using autograft and embryonal allograft cylindrical plugs in a New Zealand white rabbit model.” American Academy of Pediatrics, 1998.

Publications

- Ganley TJ, DeRuiter CJ, Dormans JP, Meyer JS, Collins MH: Ankle Pain and Swelling in a 10 Year Old Girl. *Clin Orthop Rel Res*, 348: 282–84, 1998.
- Ganley T, Spiegel D, Gregg JR, Flynn JM: Overuse Injuries to the Physes in Young Athletes: A Clinical and Basic Science Review. *Univ. of PA Orthopaedic Journal*, 11:27–35, 1998.

JONATHAN P. GARINO, MD

Presentations

- “Early Failure of Pre-Coated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” 15th Annual Orthopaedic Residents’ Conference, Memphis, TN, Aug 1997.
- “Early Failure of Pre-Coated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” Hip Society Summer Meeting, New York, NY, Sept 1997.
- “Results of Revision Hip Arthroplasty in Patients with Avascular Necrosis.” ARCO97, London, England, Oct 1997.
- “Ceramic on Ceramic Total Hip Replacement.” Issues in Orthopaedics, Snowmass, CO, Jan 1998.
- “Early Results of the Transcend Ceramic-Ceramic Total Hip Replacement.” 3rd Annual Symposia, Stuttgart, Germany, Feb 1998.
- “State of the Art in Total Knee Replacement.” 3rd Annual Symposia, Stuttgart, Germany, Feb 1998.
- “Early Failure of Pre-Coated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Long Term Follow-Up of a Porous Threaded Acetabular Component.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Richards Modular Hip in Primary Total Hip Arthroplasty: Five Year Result. 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “The Promising Role for FDG-PET Imaging in the Management of Painful Hip Prostheses.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “A Bioactive Scaffold For Bone Tissue Engineering.” Society for Biomaterials Annual Meeting, San Diego, CA, Apr 1998.
- “Autogenous Blood After Total Knee Arthroplasty: Reduction in Non-Surgical Complications.” Investiga-

tors Meeting for Procrit, Alpha-Erythropoietin, Santa Barbara, CA, May 1998.

- “Early Failure of Pre-Coated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” Scientific Symposia Honoring Harold M. Dicks, Columbia Presbyterian Medical Center, New York, NY, May 1998.

R. BRUCE HEPPENSTALL, MD

Presentations

- “Fractures About Total Knee Replacements (Course Director).” 19th Annual Trauma and Sports Medicine Seminar, Feb 1998.
- “The Role of Ultrasound in Fracture Management (Course Director).” 19th Annual Trauma and Sports Medicine Seminar, Feb 1998.
- “Fractures About Total Knee Replacements.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “The Role of Ultrasound in Fracture Management.” Florida Orthopaedic Society, May 1998.

Publications

- Naranja RJ, Chan PSH, High K, Esterhai JL, Heppenstall RB: Treatment Considerations in Patients with Compartment Syndrome and an Inherited Bleeding Disorder. *Orthopaedics*, 20:706–9, 1997.

JOSEPH P. IANNOTTI, MD, PhD

Presentations

- “Open anterior shoulder stabilization.” American Osteopathic Association of Orthopaedics, Atlanta, GA, Sept 1997.
- “Surgical techniques in total shoulder arthroplasty.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998..
- “TSA decision-making: How to do it best the humeral component.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Factors affecting surgical management of rotator cuff repairs.” Second Brazilian Shoulder and Elbow Meeting, Curitiba, Brazil, Apr 1998.
- “Surgical techniques and results of open surgical reconstruction for anterior instability of the shoulder.” Second Brazilian Shoulder and Elbow Meeting, Curitiba, Brazil, Apr 1998.
- “Surgical management of malunions of the proximal humerus.” Second Brazilian Shoulder and Elbow Meeting, Curitiba, Brazil, Apr 1998.
- “Complications of rotator cuff repair: Evaluation and management.” Second Brazilian Shoulder and Elbow Meeting, Curitiba, Brazil, Apr 1998.

Publications

- Karduna AR, Williams GR, Iannotti JP: Joint stability after total shoulder arthroplasty in a cadaver model. *J Shoulder Elbow Surgery*, 6:505–11, 1997.
- Iannotti JP, Williams GR, Karduna AR: Factors affecting the design of shoulder prosthetics. *Seminars in Arthroplasty*, 8:260–67, 1997.
- Karduna AR, Williams GR, Williams J, Iannotti JP: Total shoulder arthroplasty biomechanics: A study of the forces and strains at the glenoid component. *J Biomechanical Engineering*, 120:92–99, 1998.
- Rhoad R., Klimkiewicz J, Williams GR, Kesmodel SB, Udupa J, Kneeland JB, Iannotti, JP: A new in-vivo technique for three-dimensional shoulder kinematic analysis. *Skeletal Radiology*, 27:92–97, 1998.
- Sawyer JR, Klimkiewicz JJ, Iannotti JP, Rocke DM: Mechanism for superior subluxation of the glenohumeral joint in fibrodysplasia ossificans progressiva. *Clin Orthop Rel Res*, 346:130–33, 1998.
- Sher J., Iannotti JP, Williams GR, Herzog R., Kneeland B., Lisser S., Patel N: Clinical impact of MRI imaging of the shoulder on treatment decision making. *J Shoulder and Elbow Surgery*, 7:205–9, 1998.
- Blazer P, Williams GR, Iannotti JP: Spontaneous detachment of the deltoid muscle origin. *J Shoulder Elbow Surgery*, 7(4): 389–92, 1998.

FREDERICK S. KAPLAN, MD

Presentations

- “Molecular and Cellular Control of Fibrodysplasia Ossificans Progressiva (FOP).” Gordon Conference on Cell and Molecular Biology of Bones and Teeth at Kimball Union Academy, Meriden, NH, July 1997.
- “Osteogenic Morphogens in Hematopoietic Cells: Rare Genetic Insights Into the Origin of Heterotopic Bone and Marrow.” The National institutes of Health Conference on Bone and the Hematopoietic and Immune Systems at The National Institutes of Health, Bethesda, MD, Aug 1997.
- “Urinary Basic Fibroblast Growth Factor Is A Marker of Disease Activity in Patients Who Have Fibrodysplasia Ossificans Progressiva (FOP).” Oregon Health Sciences University. Portland, OR, Aug 1997.
- “Research in Progress in Fibrodysplasia Ossificans Progressiva (Keynote Address).” West Coast IFOPA Meeting, Santa Maria, CA, Aug 1997.
- “Phenotypic Transformation and Heterotopic Ossification: Pathologic Insights Into Osteogenic Induction and Skeletal Regeneration in Fibrodysplasia Ossificans Progressiva, Progressive Osseous Heteroplasia, and Albright’s Hereditary Osteodystrophy.” Association of Bone and Joint Surgeon’s Fracture Repair Acceleration Workshop, Tampa, FL, Oct 1997.
- “The Molecular Genetics of Forming Two Skeletons.”

University of California-San Francisco (UCSF) School of Medicine, San Francisco, CA, Nov 1997.

- “Research Progress in Fibrodysplasia Ossificans Progressiva (FOP): Genetic Molecular, and Physiologic Approaches to Designing Effective Treatment.” International FOP Association Symposium Planning for Today and the Pathway To The Future, Orlando, FL, Jan 1998.
- “The Two Skeletons of Fibrodysplasia Ossificans Progressiva: Physical Findings and Molecular Manifestations.” Department of Pathology Grand Rounds, Cornell University School of Medicine, New York, NY, Jan 1998.
- “FOP Research: Together We Make A Difference.” Tri-State FOP Meeting, Cranford, NJ, Feb 1998.
- “Fibrodysplasia Ossificans Progressiva: Lesions From a Rare Skeletal Sysplasia.” Department of Orthopaedic Surgery. Cornell University School of Medicine. New York, NY, Mar 1998.
- “Fibrodysplasia Ossificans Progressiva: Forming Another Skeleton.” National Institutes of Health; National Institute of Dental Research. Bethesda, MD, Mar 1998.
- “Fibrodysplasia Ossificans Progressiva: The Fight to Find a Cure.” IFOPA Regional Meeting & Stephanie Snow Fundraiser. Santa Maria, CA, Apr 1998.
- “Fibrodysplasia Ossificans Progressiva: The Molecular Basis of Immobility.” The Ohio State University Medical Center Conference of Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow, Trailblazing For Those With Disabling Rare Diseases, Columbus, OH, May 1998.

Publications

- Gannon FH, Kaplan FS, Shore EM, Zasloff MA, Epstein FH: Recombinant human bone morphogenetic protein-2 (BMP-2) stimulates a dermal osteogenic wound response in the skate but not in the shark: An early vertebrate clue to the formation of a dermal exoskeleton in children with progressive osseous heteroplasia. *Bulletin of the Mount Desert Island Biological Laboratory*, 36:14–16, 1997.
- Gannon FH, Valentine BA, Shore EM, Zasloff MA, Kaplan FS: Acute lymphocytic infiltration in an extremely early lesion of fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:19–25, 1998.
- Lanchoney TF, Olmsted EA, Shore EM, Gannon FA, Rosen V, Zasloff MA, Kaplan FS: Characterization of bone morphogenetic protein 4 receptors in fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:38–45, 1998.
- Shafritz AB, Kaplan FS: Differential expression of bone and cartilage related genes in fibrodysplasia ossificans progressive, myositis ossificans traumatica, and osteogenic sarcoma. *Clin Orthop Rel Res*, 346:46–52, 1998.
- Kaplan FS, Sawyer J, Connors S, Keough K, Shore EM, Gannon FA, Glaser D, Rocke D, Zasloff M, Folk-

man J: Urinary basic fibroblast growth factor: A biochemical marker for perosseous fibroproliferative lesions in patients with fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:59–65, 1998.

- Olmsted EA, Gannon FH, Wang ZQ, Grigoriadis AE, Wagner EF, Zasloff MA, Shore EM, Kaplan FS: Embryonic over expression of the c-fos proto-oncogene: A murine stem cell chimera applicable to the study of fibrodysplasia ossificans progressive in humans. *Clin Orthop Rel Res*, 346:81–94, 1998.
- Kusssmaul WG, Esmail AN, Sagar Y, Ross J, Gregory S, Kaplan FS: Pulmonary and cardiac function in advanced fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:59–65, 1998 & 346:104–109, 1998.
- Glaser DL, Rocke DM, Kaplan FS: Catastrophic falls in patients who have fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:110–16, 1998.
- Zasloff MA, Rocke DM, Crofford LJ, Hahn GV, Kaplan FS: Treatment of patients who have fibrodysplasia ossificans progressive with isotretinoin. *Clin Orthop Rel Res*, 346:121–129, 1998.
- Kaplan FS, Gannon FH, Hahn GV, Wollner N, Prauner R.: Pseudomalignant heterotopic ossification: Differential diagnosis and report to two cases. *Clin Orthop Rel Res*, 346:134–140, 1998.
- Kaplan FS, Shore EM: Encrypted morphogens of skeletogenesis: Biological errors and pharmacological potentials. *Biochemical Pharmacology*, 55:373–82, 1998.
- Shore EM, Xu MQ, Shah PB, Janoff HB, Hahn GV, Deardorff MA, Sovinsky L, Spinner NB, Zasloff MA, Wozney MA, Kaplan FS: The human bone morphogenetic protein (BMP-4) gene: Molecular structure and transcriptional regulation. *Calcif Tissue Int*, 63:221–29, 1998.

RICHARD D. LACKMAN, MD

Presentations

- “A Comparison of Long Term Results, Limb Salvage Using Allografts and Prostheses.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Indications for Intralesional Surgery in Giant Cell Tumor.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Indications for Intra-Lesional Surgery in Giant Cell Tumor of Bone.” Combined Meeting of the American and European Musculoskeletal Tumor Societies, Washington, D.C., May 1998.
- “Low Dose Chemotherapy for Desmoid Tumors-Long Term Follow-Up.” Combined Meeting of American and European Musculoskeletal Tumor Societies, Washington, D.C., May 1998.
- “The Lateral Approach to Hip Disarticulation.” Combined Meeting of American and European Musculoskeletal Tumor Societies, Washington, D.C., May 1998.

Publications

- Lackman RD: Skeletal Neoplasms. In *Current Diagnosis* (9), WB Saunders, Philadelphia, PA, 1997.
- Weiss A, Lackman RD: Infusional Chemotherapy Combined with Recombinant Human Granulocyte Colony Stimulating Factor: Advantages and Limitations. *American Journal of Clinical Oncology*, 20(1): 63–68, 1997.
- Weiss AJ, Sabol J, Lackman RD: Concurrent Administration of Vinorelbine with Recombinant Human Granulocyte Colony Stimulating Factor. *American Journal of Clinical Oncology*, 21(6): 2572–74, 1998.
- Bezwada HP, Granick MS, Long CD, Moore JH, Lackman RD, Weiss AJ: Soft-Tissue Complications of Intra-Arterial Chemotherapy for Extremity Sarcomas. *Annals of Plastic Surgery*, 40(4): 382–87, 1998.

JESS H. LONNER, MD

Presentations

- “Posterior cruciate ligament preservation in primary total knee with severe fixed varus or valgus deformity.” 1997 Interim Meeting of the Knee Society, NY, Sept 1997.
- “Total knee arthroplasty for post-traumatic arthrosis.” Seventh Annual Meeting of the American Association of Hip and Knee Surgeons, Dallas, TX, Nov 1997.
- “Prodromes of failure in total knee arthroplasty.” 14th Annual Current Concepts in Joint Replacement, Orlando, FL, Dec 1997.
- “Total knee arthroplasty for post-traumatic arthrosis.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “The use of indium-111 leukocyte scans for determining residual infection following resection arthroplasty.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Thromboembolic Disease in Total Joint Arthroplasty.” Challenges and Management Strategies in Hip and Knee Reconstruction, Hilton Head, SC, May 1998.
- “Tibial Subchondral MRI Changes in Early Osteoarthritis of the Knee: Possible Osteonecrosis.” Annual Meeting of the Arthroscopy Association of North America, Orlando, FL, May 1998.

Publications

- Lonner JH, Siliski JM, Scott RD: Feasibility of alternative surveillance after total knee arthroplasty. *Orthopaedics* 21:1034–35, 1998.
- Egol KA, Lonner JH, Jaffe WL: Simultaneous bilateral total hip arthroplasty with hydroxyapatite coated implants. *Bulletin of the Hospital for Joint Disease*, 57:52–55, 1998.
- Lonner JH, Koval KJ: Polytrauma. In *Fractures in the Elderly*, Lippincott-Raven, Philadelphia, PA, 1998.

- Lonner JH, Parisien JS: Arthroscopic Evaluation and Treatment of the Problematic Total Knee Arthroplasty. In *Current Techniques in Arthroscopy, 3rd Ed*, Thieme Press, New York, NY, 1998.

PAUL A. LOTKE, MD

Presentations

- “Total Knee Arthroplasty in the Morbidly Obese.” American Association Hip and Knee Society Meeting, Dallas, TX, Nov 1997.
- “Avoiding Postoperative Infections.” Annual Holiday Course, New York, NY, Dec 1997.
- “DVT Prophylaxis Options.” Current Concepts in Joint Replacement, Orlando, FL, Dec 1997.
- “Management of Extensor Mechanism Complications.” Current Concepts in Joint Replacement, Orlando, FL, Dec 1997.
- “Posterior Stabilized Knee: Broader Range of Applications.” State of the Art Orthopaedics, Squaw Valley, Feb 1998.
- “Management of Bone Loss in Total Knee Arthroplasty.” Hip and Knee Reconstruction, Vail, CO, Feb 1998.
- “Tibial Subchondral MRI Changes in Early Osteoarthritis of the Knee: Possible Osteonecrosis.” Annual Meeting of the Arthroscopy Association of North America, Orlando, FL, May 1998.
- “Patellofemoral Arthritis.” Baptist Orthopaedic Symposia, Nashville, TN, May 1998.
- “Adult Reconstruction of the Knee.” American Academy Orthopaedic Surgeons Review Course, Chicago, IL, May 1998.
- “Aspirin for Prophylaxis in Thromboembolic Disease.” Symposia in American Orthopaedic Association Meeting, Nashville, TN, June 1998.

Publications

- Yashar AA, Colwell CW, Ven-Watson E, Welsch T, Lotke PA: Use of Continuous Passive Motion with Hyper-Flexion in the Immediate Postoperative Period After Total Knee Arthroplasty. *Clin Orthop Rel Res*, 345:38–43, 1997.

ENYI OKEREKE, MD

Presentations

- “Evaluation and Management of Calcaneal Fractures.” The 19th Annual Trauma and Sports Medicine Seminar, Snowmass, CO, Feb 1998.
- “Fractures of the Talus.” The 19th Annual Trauma and Sports Medicine Seminar, Snowmass, CO, Feb 1998.
- “Treatment of Lisfranc’s Fracture/Dislocation of the

Foot." The 19th Annual Trauma and Sports Medicine Seminar, Snowmass, CO, Feb 1998.

Publications

- Vandenborne K, Elliott M, Walter GA, Abdus S, Okereke E, Shaffer M, Tahernia D, Esterhai JL: Case Study: Longitudinal Study of Skeletal Muscle Adaptations During Immobilization and Rehabilitation. *Muscle and Nerve*, 21:1006–12, 1998.
- Hirsch BE, Udupa JK, Hahan KT, Bauer GR, Okereke E: Kinematics of the Tarsal Joints as Revealed by 3D Imaging of Live Subjects. *Gait Posture*, 7:147–48, 1998.

MATTHEW L. RAMSEY, MD

Presentations

- "Kinematics and Stability of the Pritchard ERS Total Elbow." Orthopaedic Research Society, New Orleans, LA, Mar 1998.
- "Allografts Versus Prostheses for Limb Salvage: A Comparison of 102 Patients with 7 Year Average Follow-Up." 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- "Total Elbow Arthroplasty for Dysfunctional Instability of the Elbow." ASES Open Shoulder and Elbow Meeting, Kiawah Island, SC, Apr 1998.
- "Floating Shoulder: A Biomechanical Basis for Classification and Management." ASES Open Shoulder and Elbow Meeting, Kiawah Island, SC, Apr 1998.

Publications

- Williams GR, Ramsey ML: Midshaft Clavicle Fractures and Non-Unions. In *An Atlas of Shoulder Surgery*, Martin Dunitz, London, 1998.
- Ramsey ML: Total Elbow Arthroplasty: The Historical Development. *Sem Arthroplasty*, 9(1): 1–11, 1998.

EILEEN M. SHORE, PHD

Presentations

- "Osteogenic Morphogens in Hematopoietic Cells: Rare Genetic Insights Into the Origin of Heterotopic Bone and Marrow." The National Institutes of Health Conference on Bone and the Hematopoietic and Immune Systems at The National Institutes of Health, Bethesda, MD, Aug 1997.
- "Identification of Polymorphic Markers for the Human BMP-2 and BMP-4 Genes." American Society for Bone and Mineral Research Annual Meeting, Cincinnati, OH, Sept 1997.
- "Characterization of the Earliest Stages of Post-natal Endochondral Ossification." American Society for

Bone and Mineral Research Annual Meeting, Cincinnati, OH, Sept 1997.

- Characterization of BMP-4 Receptor Messenger RNA Expression in Fibrodysplasia Ossificans Progressiva." American Society for Bone and Mineral Research Annual Meeting, Cincinnati, OH, Sept 1997.
- "Characterization and DNA Sequence of the Human BMP-2 Gene." American Society for Bone and Mineral Research Annual Meeting, Cincinnati, OH, Sept 1997.
- "From Bench to Bedside: Research Perspectives in FOP." International FOP Association Board of Director's Meeting, Orlando, FL, Jan 1998.

Publications

- Gannon FH, Valentine BA, Shore EM, Zasloff MA, Kaplan FS: Acute lymphocytic infiltration in an extremely early lesion of fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:19–25, 1998.
- Lanchoney TF, Olmsted EA, Shore EM, Gannon FA, Rosen V, Zasloff MA, Kaplan FS: Characterization of bone morphogenetic protein 4 receptors in fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346: 38–45, 1998.
- Calvert GC and Shore EM: The HLA-B27 Allele is Not Correlated with Fibrodysplasia Ossificans Progressiva. *Clin Orthop Rel Res*, 346:66–70, 1998.
- Xu MQ and Shore EM: Mutational Screening of the Bone Morphogenetic Protein-4 Gene in a Family With Fibrodysplasia Ossificans Progressiva. *Clin Orthop Rel Res*, 346:53–58, 1998.
- Kaplan FS, Sawyer J, Connors S, Keough K, Shore EM, Gannon FA, Glaser D, Rocke D, Zasloff M, Folkman J: Urinary basic fibroblast growth factor: A biochemical marker for perosseous fibroproliferative lesions in patients with fibrodysplasia ossificans progressive. *Clin Orthop Rel Res*, 346:59–65, 1998.
- Olmsted EA, Gannon FH, Wang ZQ, Grigoriadis AE, Wagner EF, Zasloff MA, Shore EM, Kaplan FS: Embryonic over expression of the c-fos proto-oncogene: A murine stem cell chimera applicable to the study of fibrodysplasia ossificans progressive in humans. *Clin Orthop Rel Res*, 346:81–94, 1998.
- Kaplan FS, Shore EM: Encrypted morphogens of skeletogenesis: Biological errors and pharmacological potentials. *Biochemical Pharmacology*, 55:373–82, 1998.
- Kaplan FS, Shore EM, Gannon FH, Zasloff MA: The candidate gene approach to a rare genetic disease of skeletal malformations and ectopic osteogenesis in humans. In *Skeletal Growth Factors and Development*, American Academy of Orthopaedic Surgeons, Chicago, IL, 435–447, 1998.
- Kaplan FS, Delatycki M, Gannon FH, Rogers JG, Smith R, Shore EM: Fibrodysplasia ossificans progressive. In *Neuromuscular Disorders: Clinical and Molecular Genetics*, 289–321, 1998.
- Kaplan FS, Shafritz AB, Shore EM: Fibrodysplasia

ossificans progressiva and the candidate gene approach: A role for bone morphogenetic proteins. In *Skeletal Reconstruction and Bioimplantation*, 235–240, 1998.

LOUIS J. SOSLOWSKY, PHD

Presentations

- “Rotator cuff defect healing: A biomechanical and histologic analysis in an animal model.” American Shoulder and Elbow Surgeons, Newport, RI, 1997.
- “The influence of exogenous fibrin clot on healing in a rat supraspinatus tendon defect.” Transactions of the Orthopaedic Research Society, New Orleans, LA, Mar 1998.
- “Strain fields of the inferior glenohumeral ligament surface in a subluxed shoulder: A stereoradiogrammetric study.” Transactions of the Orthopaedic Research Society, New Orleans, LA, Mar 1998.
- “A quantitative investigation of structure-function relationships in a tendon fascicle model.” Transactions of the Orthopaedic Research Society, New Orleans, LA, Mar 1998.
- Effects of compressive loading on chondrocyte differentiation in agarose gel cultures of chick limb bud cells.” Transactions of the Orthopaedic Research Society, New Orleans, LA, Mar 1998.

Publications

- Bey MJ, Elders GJ, Huston LJ, Kuhn JE, Blasler RB, Soslowsky LJ: Creation of SLAP lesions in a dynamic, biomechanical model of the shoulder: The role of inferior subluxation. *J Shoulder and Elbow Surgery*, 7: 397–401, 1998.

DAVID R. STEINBERG, MD

Presentations

- “Long-term Results of FCR Tendon Transfers for Radial Nerve Palsy.” American Society for Surgery of the Hand, Denver, CO, Sept 1997.
- “Gunshot Wounds to the Hand.” 28th Annual Meeting of the Eastern Orthopaedic Association, Scottsdale, AZ, Oct 1997.
- “The Significance of the Three Volar Spaces in Forearm Compartment Syndrome: A Clinical and Cadaveric Correlation.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.

Publications

- Steinberg ME, Hayken GD, Steinberg DR: Classification and Staging of Osteonecrosis. In *The Etiology, Diagnosis and Management of Osteonecrosis of the*

Human Skeleton, The American Academy of Orthopaedic Surgeons, Chicago, IL, 277–84, 1998.

- Steinberg ME and Steinberg DR: Avascular Necrosis: Diagnosis and Staging. In *Hip Surgery: New Materials and Developments*, Martin-Duntz LTD, London, 91–98, 1998.

MARVIN E. STEINBERG, MD

Presentations

- “Early Failure of Pre-Coated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” 15th Annual Orthopaedic Residents’ Conference, Memphis, TN, Aug 1997.
- “Early Failure of Precoated Femoral Components in Primary Total Hip Arthroplasty: One Surgeon’s Experience.” The Hip Society, New York, NY, Sept 1997.
- “Classification Schemes for Avascular Necrosis,” Total Hip Replacement 1997: The Dawn of a New Era CME Course, Harvard Medical School, Boston, MA, Sept 1997.
- “Core Biopsy Plus Bone Graft.” Total Hip Replacement 1997: The Dawn of a New Era CME Course, Harvard Medical School, Boston, MA, Sept 1997.
- “Importance of Accuracy in Ultrasound Techniques for Diagnosis of DVT.” Total Hip Replacement 1997: The Dawn of a New Era CME Course, Harvard Medical School, Boston, MA, Sept 1997.
- “Does Pain Predict Outcome in Hips with Avascular Necrosis?” Association Research Circulation (ARCO) 8th International Symposium on Bone Circulation, London, England, Oct 1997.
- “Results of Revision Hip Arthroplasty in Patients with Avascular Necrosis.” Association Research Circulation (ARCO) 8th International Symposium on Bone Circulation, London, England, Oct 1997.
- “Early Failure of Precoated Femoral Components in Primary total Hip Arthroplasty: One Surgeon’s Experience.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.

Publications

- Steinberg ME: Early Diagnosis, Staging and Management of Avascular Necrosis. *J Musculoskeletal Medicine*, 14(11):13–25, 1997.
- Steinberg ME, Hayken GD, Steinberg DR: Classification and Staging of Osteonecrosis. In *The Etiology, Diagnosis and Management of Osteonecrosis of the Human Skeleton*, The American Academy of Orthopaedic Surgeons, Chicago, IL, 277–84, 1998.
- Steinberg ME, Larcom PG, Strafford BS, Hosick WB, Corces A, Bands RE, Hartman KM: Treatment of Osteonecrosis of the Femoral Head by Core Decompression, Bone Grafting and Electrical Stimulation. In *The Etiology, Diagnosis and Management of Osteonecrosis*

of the Human Skeleton, The American Academy of Orthopaedic Surgeons, Chicago, IL, 293–99, 1998.

- Steinberg ME and Steinberg DR: Avascular Necrosis: Diagnosis and Staging. In *Hip Surgery: New Materials and Developments*, Martin-Duntz LTD, London, 91–98, 1998.

EDWARD J. VRESILOVIC, JR., MD, PHD

Presentations

- “CT Scanning of Cervical Spine Fractures—Does It Influence Treatment?” 15th Annual Smith & Nephew Conference, Memphis, TN, Aug 1997.
- “CT Scanning of Cervical Spine Fractures—Does It Influence Treatment?” Pennsylvania Orthopaedic Society Meeting, Wilmington, DE, Nov 1997.
- “Spinal-Pelvic Disassociation Injuries.” Pennsylvania Orthopaedic Society Meeting, Wilmington, DE, Nov 1997.

GERALD R. WILLIAMS, MD

Presentations

- “Prognosis and Management of Peripheral Nerve Lesions Affecting the Shoulder Girdle.” American Shoulder and Elbow Surgeons 14th Annual Closed Meeting, New Port, RI, Sept 1997.
- “Mini versus Open Repair of Isolated Supraspinatus Tendon Tears.” American Shoulder and Elbow Surgeons 14th Annual Closed Meeting, New Port, RI, Sept 1997.
- “A biomechanical Basis for Classification and Management.” American Shoulder and Elbow Surgeons 14th Annual Closed Meeting, New Port, RI, Sept 1997.
- “Glenohumeral Biomechanics Related to Total Shoulder Arthroplasty.” ASES Exchange Fellowship at St. Etienne, France, Sept 1997.
- “Glenohumeral Biomechanics Related to Total Shoulder Arthroplasty” and “Management of Two- and Three-part Proximal Humerus Fractures.” ASES Exchange Fellowship at Hospital Purpan, University of Toulouse, Toulouse, France, Sept 1997.
- “Technical Considerations of Arthroscopic Acromioplasty.” ASES Exchange Fellowship at University of Wurzburg, Konig-Ludwig-Haua, Wurzburg, Germany, Sept 1997.
- “Quantitative Assessment of Shoulder Function Following Rotator Cuff Repair,” and “Management of Two- and Three-part Proximal Humerus Fractures.” ASES Exchange Fellowship at University of Modena, Modena, Italy, Sept 1997.
- “Glenohumeral Biomechanics Related to Total Shoulder Arthroplasty.” ASES Exchange Fellowship at St. Mary’s Hospital, London, England, Oct 1997.
- “Glenohumeral Biomechanics Related to Total Shoulder

der Arthroplasty;” “Quantitative Assessment of Shoulder Function Following Rotator Cuff Repair,” and “Management of Two- and Three-part Proximal Humerus Fractures.” ASES Exchange Fellowship at Balgrist Hospital, University of Zurich, Zurich, Switzerland, Oct 1997.

- “Proximal Humerus Fractures — Percutaneous Pinning and ORIF: Techniques and Indications.” AAOS Open and Arthroscopic Shoulder Surgery: Current Concepts and Techniques, Rosemont, IL, Dec 1997.
- “Failed Rotator Cuff Repair Surgery.” University of South Florida/Tampa General Hospital: Current Concepts of Shoulder and Elbow Surgery, FL, Jan 1998.
- “Glenohumeral Kinematics Related to Total Shoulder Arthroplasty.” University of South Florida/Tampa General Hospital: Current Concepts of Shoulder and Elbow Surgery, FL, Jan 1998.
- “Proximal Humerus Malunion.” University of South Florida/Tampa General Hospital: Current Concepts of Shoulder and Elbow Surgery, FL, Jan 1998.
- “Floating Shoulder: A Biomechanical Basis for Classification and Management.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Mini Versus Open Rotator Cuff Repair: A Comparison of Functional Results, Length of Operation, and Duration of Hospital Stay.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Prognosis and Management of Peripheral Nerve Lesions Affecting the Shoulder Girdle.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Surgical Management of Meso Os Acromiale and Associated Rotator Cuff Disease.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Technical Considerations of Arthroscopic Acromioplasty;” Quantitative Assessment of Shoulder Function Following Rotator Cuff Repair;” and Glenohumeral Biomechanics Related to Total Shoulder Arthroplasty.” 65th Annual Meeting of the AAOS, New Orleans, LA, Mar 1998.
- “Floating Shoulder: A Biomechanical Basis for Classification and Management.” American Shoulder and Elbow Surgeons First Open Meeting/AAOS Comprehensive Course on the Shoulder, Kiawah Island, SC, Apr 1998.

Publications

- Williams GR, Copley LA, Iannotti JP, Lissner SP: Proximal humeral fracture: A biomechanical investigation of fixation techniques. *J Shoulder Elbow Surgery*, 6(5):423–28, 1997.
- Iannotti JP, Williams GR, Darduna AR: Factors affecting the design of shoulder prosthetics. *Seminars in Arthroplasty*, 8:260–67, 1997.
- Ono K, Williams GR, Clem M, Chong Haw JL, Wirth MA, Aufdemorte TB, Groh GI, Rockwood CA: Repair of soft-tissue to bone using a biodegradable suture anchor. *Orthopaedics*, 20(11):1051–60, 1997.

- Karduna AR, Williams GR, Williams J, Iannotti JP: Total shoulder arthroplasty biomechanics: A study of the forces and strains at the glenoid component. *J Biomechanical Engineering*, 120:92–99, 1998.
- Blazer P, Williams GR, Iannotti JP: Spontaneous detachment of the deltoid muscle origin. *J Shoulder Elbow Surgery*, 7(4): 389–92, 1998.
- Campbell JT, Moore RS, Iannotti JP, Norris TR, Williams GR: Periprosthetic Humeral Fractures: Mechanisms of Fracture and Treatment Options. *J Shoulder Elbow Surgery*, 7(4):406–13, 1998.
- Gupta R, Williams GR, Sher JS: Nonunion of the scapular body: A case report. *J Bone Jt Surgery*, 80A: 428–30, 1998.
- Sher J., Iannotti JP, Williams GR, Herzog R., Kneeland B., Lisser S., Patel N: Clinical impact of MRI imaging of the shoulder on treatment decision making. *J Shoulder and Elbow Surgery*, 7:205–9, 1998.
- Blazer P, Iannotti JP, Williams GR: Anterior-posterior instability of the distal clavicle after distal clavicle resection. *Clin Orthop Rel Res*, 348:114–20, 1998.
- Cohen RB, Williams, GR: Impingement syndrome and rotator cuff disease as repetitive motion disorders *Clin Orthop Rel Res.*, 351:93–101, 1998.
- Rhoad R., Klimkiewicz J, Williams GR, Kesmodel SB, Udupa J, Kneeland JB, Iannotti, JP: A new in-vivo

technique for three-dimensional shoulder kinematic analysis. *Skeletal Radiology*, 27:92–97, 1998.

- Iannotti JP, Williams GR: Total shoulder arthroplasty. Factors influencing prosthetic design. *Orthop Clin North Amer*, 29(3):1–11, 1998.

PHILIP Z. WIRGANOWICZ, MD

Presentations

- “Large Segment Endoprotheses Implanted Following Resection of Tumors: The Etiology and Results of 73 Revision Surgeries in 64 Patients.” International Society for Limb Salvage Symposium, New York, NY, Sept 1997.
- “The Orthopaedic Management of Metastatic Carcinoma to Bone.” Cancer Center of Poconos Medical Center, PA , Dec 1997.

Publications

- Wirganowicz PZ, Lane JM, Eckardt JJ: Primary Tumors and Tumorous Conditions of the Hip. In *The Adult Hip*, Lippincott-Raven, Philadelphia, PA, 527–46, 1997.