

CURRICULUM VITAE

ROSS M. WILKINS, M.D., M.S.

Orthopedic Surgeon

Colorado Limb Consultants
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Medical Director

The Denver Clinic for Extremities at Risk
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Medical Director

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Chairman & Founder

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Affiliate Faculty Member

Colorado State University
Department of Clinical Sciences
Fort Collins, Colorado 80523

EDUCATION

- B.A.** Molecular, Cellular & Development Biology
University of Colorado, Boulder, Colorado, 1972
- M.S.** Physiology; course work completed 1974
Wayne State University School of Medicine, 1978
Research for Master's thesis conducted 1974-78 during medical school,
entitled Von Willebrand Platelet Vessel Wall Interactions.
- M.D.** Wayne State University School of Medicine, 1978
- Internship** University of Colorado Health Sciences Center
Department of Surgery, 1978-79
- Residency** University of Colorado Health Sciences Center
Orthopedics, 1979-83
- Fellowship** Orthopaedic Oncology (Bone and Soft Tissue Tumors)
Mayo Clinic, Rochester, Minnesota, 1983-84.

HONORS and AWARDS

- Denver Business Journal's Lifetime Champion in Healthcare, 2007
- Top Doctors in Denver, Orthopedic Surgery, 2007
- The Ross M. Wilkins Limb Preservation University Chair at the CSU Animal Cancer Center to insure the continuation of extremity research in the State of Colorado, 2009
- America's Top Doctors, Orthopedic Oncology, 2006-2010
- Presidential Speaker, Indiana Orthopaedic Society, Indianapolis IN, 2002
- George W. Hyatt Memorial Award, 1999 [*outstanding individual who demonstrates superior research, teaching & service abilities in the field of tissue banking and transplantation medicine*]
- Edward C. Stafne Humanities in Medicine Award, 1996 [*endowed by the Mayo Clinic to physicians well known in their field who exemplify humanitarianism*]
- Best Doctors in America – Orthopaedic Oncology, 1994-2010
- Member of Honour, Romanian Academy of Medical Sciences, 1994

POSITIONS OF DISTINCTION

- American Academy of Orthopaedic Surgeons, Biological Implants Committee, 2007-2010
- Physicians Council, Vice Chair, 2008-2010
- American Association of Tissue Banks, Physicians Council Representative, 2006 – present
- American Association of Tissue Banks, Vice Chair, 2008 – 2010
- Donor Alliance, Medical Advisory Board, 2001- present

Colorado Orthopaedic Association, President, 2000-2002
Musculoskeletal Tumor Society, President, 1998-1999
Musculoskeletal Tumor Society, Secretary/Treasurer, 1993 - 1998
American Board of Orthopaedic Surgery, Oral Examiner, 1995, 1997
American Association of Tissue Banks, Awards Committee, 1995 - 1996
AlloSource, Senior Medical Director, 1995 - present
Colorado State University, Department of Clinical Sciences, Affiliate Faculty Member, 1994 - present
Orthopedic Research & Education Foundation, Research Grant Peer Review Committee, 1993
American Academy of Orthopaedic Surgeons, Committee on Musculoskeletal Tumors & Disease, 1992 - 1995
American Association of Tissue Banks, Committee on Science & Technology, Chairperson, 1989 - 1991
Western Orthopedic Association, Board of Directors, 1989 - 1990
Presbyterian/St. Luke's Medical Center, Chief of Department of Orthopedics, 1988, 1992, 1993, 1994
Limb Preservation Foundation, Founder & Chairman, 1986 - present
Presbyterian Denver Hospital, Chief of Department of Orthopedics, 1986 - 1989
Donor Alliance, Medical Director, 1984 - 2001
University of Colorado Health Sciences Center, Assistant Clinical Professor, Department of Orthopedics, 1984 - 1995
Wayne State University, President of Medical School Class, 1978

PROFESSIONAL ORGANIZATIONS

American Association of Tissue Banks
American Council on Transplantation
American Medical Association
Colorado State Medical Society
The CyberKnife Society
American Board of Orthopaedic Surgeons
International Society for Limb Salvage
International Society of Fracture Repair
Ivins Society (Mayo Orthopaedic Oncology)
Mayo Clinic Alumni Association
Musculoskeletal Tumor Society
Western Orthopedic Association

RESEARCH

Computerized Tomogram to Assess Bone Healing Following Grafting with PRODENSE Bone Graft, Wright Medical Technology, Participating Physician, 2007-2009.

Repiphysis™ Prosthesis, FDA Compassionate Release Status (for hip and shoulder applications), Co-Investigator, 2003 – present.

The Genomic Assessment of Clinical Variability in OGS, Mayo Clinic, Rochester MN, Principal Investigator, 2003 – present.

Use of Autoclaved Autograft for Reconstruction Following Tumor Resection, Principal Investigator, 2003-2008.

Use of the Expandable Fixion® Intramedullary Nailing Systems for the Treatment of Skeletal Metastasis in the Lower and/or Upper Limbs, Disc Orthopaedic Technologies, Inc., Co-Investigator, 2004-2005.

Allograft Retrieval Study, Colorado State University Biomedical Engineering Program, Principal Investigator, 2001-05.

Phenix® "Growing" Prosthesis, Phenix Medical, Paris, Principal Investigator, 1999-2003.

Allomatrix™ Injectable Putty Clinical Study, Wright Medical Technology, Participating Physician, 1999-2001.

Osteoset T® Biodegradable Beads, Small Group Access Treatment Arm, Wright Medical Technology, Co-Investigator 1999-2000.

Osteoset® Pellets, Product Evaluation Study, Wright Medical Technology, 1998 – 1999.

A Randomized Study of the Stryker Osteogenic Protein (OP-1) Device vs Bone Autograft for the Treatment of Tibial Non-Unions, Stryker Biotech, Principal Investigator 1992-1999.

The Use of Autologous Bone Marrow and Allograft Bone Powder in the Treatment of Nonunions, Co-Investigator with Dr. Robert Rifkin, 1991 – 1996.

PUBLICATIONS

1. Bonneville MA; Wilkins RM: The effects of castration and testosterone replacement on the fine structure of the hamster epididymal epithelium. *Anatomic Record* 175:275, 1973.
2. Barnhart MI; Wilkins RM; Lusher JM: Platelet-vessel wall interactions: experiences with von Willebrand platelets. *Ann NY Acad Sci* 370:154-78, 1981.
3. Wilkins RM; Wiedel JD: Septic arthritis of the knee in a hemophiliac: a case report. *J Bone Joint Surg* 65A:267-8, 1983.
4. Wilkins RM; Johnston RJ: Ununited fractures of the clavicle. *J Bone Joint Surg* 65A:773-8, 1983.

5. Wilkins RM; Thomas TJ: Hip and thigh injuries. *In* Moore G et al (eds): Critical Decisions in Trauma. C.V. Mosby, St. Louis MO, 1984.
6. Fisher MM; Halpern GJ; Wilkins RM: Lymph cysts or lymphocoele: A case report. *Angiology* 36:832-8, 1985.
7. Wilkins RM; McLeod RA; Reiman HM; Pritchard DJ: Fibrosarcoma [*clinical conference*]. *Orthopedics* 8:141-3, 1985.
8. Wilkins RM; Pritchard DJ; McLeod RA; Reiman HM: Epithelioid sarcoma [*clinical conference*]. *Orthopedics* 8:421-3, 1985.
9. Sim FH; Bowman WE Jr; Wilkins RM; Chao ES: Limb salvage in primary malignant bone tumors. *Orthopedics* 8:574-81, 1985.
10. Wilkins RM; Winter WG: Complications of treatment of fractures and dislocation of the hip. *In* Epps CH (ed): Complications of Orthopedic Surgery, 2nd ed., Vol. I. Lippincott, Philadelphia PA, 1986.
11. Wilkins RM; Pritchard DJ; Burgert EO Jr; Unni KK: Ewing's sarcoma of bone; experience with 140 patients. *Cancer* 58:2551-5, 1986.
12. Wilkins RM; Sim FH: Evaluation of bone and soft tissue tumors. *In* D'Ambrosia R (ed): Musculoskeletal Disorders: Regional Examination and Differential Diagnosis, 2nd ed. Lippincott, Philadelphia PA, 1986.
13. Wilkins RM; Okada Y; Sim FH; Chao EYS; Gorski J: Methylmethacrylate replacement of subchondral bone; A biomechanical, biochemical and morphologic analysis. *In* Enneking WF (ed): Limb Salvage in Musculoskeletal Oncology. Churchill Livingstone, NY, 1987, pp. 479-86.
14. Wilkins RM; Sim FH: Lesions of the femur. *In* Sim FH (ed): Diagnosis and Management of Metastatic Bone Disease. Raven Press, NY, 1988.
15. Wilkins RM; Fink K; Odom LF; Jamroz B; Stevens S; Peck S: Intra-arterial cisplatinium and intravenous Adriamycin in the treatment of osteosarcoma and malignant fibrous histiocytoma of bone. Early surgical and clinical results. *Chir Organi Mov* 75(1 suppl):50-3, 1990.
16. Withrow SJ; Oulton SA; Suto TL; Wilkins RM; Straw RC; Rose BJ; Gasper PW: Evaluation of the antiretroviral effect of various methods of sterilizing/preserving corticocancellous bone. *Trans Orthop Res Society* 14:382, Summer 1990.
17. Wilkins RM; Allen RE; Hoskins KG: Extremity lumps and bumps: When to worry. *Primary Care Bull*, Winter 1991.
18. Withrow SJ; Powers BE; Straw RC; Wilkins RM: Comparative aspects of osteosarcoma: Dog versus man. *Clin Orthop* 270:159-168, 1991.
19. Straw RC; Wilkins RM; Withrow SJ; Cooper MF; Turner AS: The effect of intramedullary polymethylmethacrylate on healing of cortical allografts: Canine and human experience. *In* Brown KL (ed): Complications of Limb Salvage: Prevention, Management and Outcome. ISOLS Publishers, Montreal, 1991, pp. 29-32.
20. Wilkins RM; Sim FH; Springfield DS: Metastatic disease of the femur. *Orthopedics* 15:621-630, 1992.

21. Pals SD; Wilkins RM: Giant cell tumor of bone treated by curettage, cementation and bone grafting. *Orthopedics* 15:703-708, 1992.
22. Wilkins RM; Allen RA: Osteofibrous dysplasia: Case report in a 36-year-old female. *Clinician Reviews* 2:127,131-132, 1992.
23. Wilkins RM: Non-cemented total hip replacement for metastatic disease. *Orthopedics* 16:653, 1993.
24. Wilkins RW: Large bone allografts in the treatment of osteosarcoma. Mini-Symposium: Osteosarcoma. *Current Orthop* 7(3):157-164, 1993.
25. Wilkins RM; Stringer EA: Demineralized cortical bone powder: Use in grafting space occupying lesions of bone. *Int Orthop* 2:71-78, 1994.
26. Fink K; Bair L; Wilkins RM: Osteogenic sarcoma (Chapter 81). *In* Wood ME; Bunn PA Jr (eds): *Hematology/Oncology Secrets: Questions You Will Be Asked on Rounds, in the Clinic, on Oral Exams.* Hanley & Belfus, Inc., Philadelphia, 1994, pp. 331-2.
27. Fink K; Bair L; Wilkins RM: Soft tissue sarcomas (Chapter 82). *In* Wood ME; Bunn PA Jr (eds): *Hematology/Oncology Secrets: Questions You Will Be Asked on Rounds, in the Clinic, on Oral Exams.* Hanley & Belfus, Inc., Philadelphia, 1994, pp. 333-5.
28. Nuss R; Kilcoyne R; Geraghty S; Wilkins RM; Wiedel J; Manco-Johnson M: Magnetic resonance imaging visualization of hemorrhage into a suprapatellar pouch in a child with hemophilia. *Am J Pediatr Hematol Oncol* 16:183-5, 1994.
29. Gitelis S; Wilkins RM: Benign bone tumors. *J Bone Joint Surg* 77A:1756-82, 1995.
30. Gitelis S, Wilkins R; Conrad EU 2nd: Benign Bone Tumors. *Instr Course Lect* 45:425-46, 1996.
31. Wilkins RM: Complications of allograft reconstruction for skeletal defects following oncological surgery. *In* Simon MA; Springfield D (eds): *Surgery for Bone and Soft-Tissue Tumors [Chapter 37].* Lippincott-Raven, Philadelphia, 1997, pp. 487-96.
32. Noyes FR, Barber-Westin SD, Butler DL, Wilkins RM: The role of allografts in repair and reconstruction of knee joint ligaments and menisci. *Instr Course Lect* 47:379-95, 1998.
33. Fink K; Bair L; Shada B; Wilkins RM: Osteogenic sarcoma (Chapter 79). *In* Wood ME; Bunn PA Jr (eds): *Hematology/Oncology Secrets: Questions You Will Be Asked On Rounds, In the Clinic, On Oral Exams [2nd ed.].* Hanley & Belfus, Inc., Philadelphia, 1999, pp. 342-343.
34. Fink K; Bair L; Shada B; Wilkins RM: Soft tissue sarcoma (Chapter 80). *In* Wood ME (ed): *Hematology/Oncology Secrets: Questions You Will Be Asked On Rounds, In the Clinic, On Oral Exams [2nd ed.].* Hanley & Belfus, Inc., Philadelphia, 1999, pp. 344-7.
35. Wilkins RM, Kelly CM, Giusti DE: Bioassayed demineralized bone matrix and calcium sulfate: Use in bone grafting procedures. *Ann Chirug Gynaecol* 88:180-5, 1999.
36. Wilkins RM: Clinical effectiveness of demineralized bone matrix assayed in human cell culture. *Adv Tissue Banking*, 3(2.4):113-24, 1999.
37. Wilkins RM: Unicameral bone cysts. *J A A O S* 8:217-24, 2000.
38. Adkisson HD, Strauss-Schoenberger J, Gillis M, Wilkins RM, Jackson M, Hruska KA: Rapid quantitative bioassay of osteoinduction. *J Orthop Res* 17:503-11, 2000.

39. Kelly CM, Wilkins RM, Gitelis S et al: The use of a surgical grade calcium sulfate as a bone graft substitute: Results of a multi-center trial. *Clin Orthop* 382:42-50, 2001.
40. Wilkins RM, Soubeiran A: The Phenix expandable prosthesis: early American experience. *Clin Orthop* 382:51-8, 2001.
41. Ferreira SD, Dernel WS, Powers, BE, Schochet RA, Kuntz CA, Withrow SJ, Wilkins RM: Effect of gas-plasma sterilization on the osteoinductive capacity of demineralized bone matrix. *Clin Orthop* 388:233-9, 2001.
42. Wilkins RM: Treatment of benign bone tumors. *In* Menendez LR (ed): *Orthopaedic Knowledge Update, Musculoskeletal Tumors*, pp.77-85. American Academy of Orthopaedic Surgeons, Rosemont IL, 2002.
43. Wilkins RM, Kelly CM: Revision of the failed femoral replacement to allograft prosthetic composite. *Clin Orthop* 397:114-8, 2002.
44. Wilkins RM, Hinshaw, I: Osteogenic sarcoma (Chapter 78). *In* Wood ME; Philips GK (eds): *Hematology/Oncology Secrets* (3rd ed.). Hanley & Belfus, Inc., Philadelphia, 2003, pp. 372-4.
45. Wilkins RM, Hinshaw I: Soft tissue sarcomas (Chapter 79). *In* Wood ME; Philips GK (eds): *Hematology/Oncology Secrets* (3rd ed.). Hanley & Belfus, Inc., Philadelphia, 2003, pp.374-7.
46. Wilkins RM, Chimenti BT, Rifkin RM: Percutaneous treatment of long bone nonunions: The use of autologous bone marrow and allograft bone matrix. *Orthopedics* 26(suppl):s549-54, 2003.
47. Wilkins RM, Kelly CM: The effect of AlloMatrix™ injectable putty on the outcome of long bone applications. *Orthopedics* 26(suppl):s567-70, 2003.
48. Wilkins RM, Cullen JW, Odom L, Jamroz BA, Cullen PM, Fink K, Peck SD, Stevens SL, Kelly CM, Camozzi AB: Superior survival in treatment of primary non-metastatic pediatric osteosarcoma of the extremity. *Ann Surg Oncol* 10:498-507, 2003.
49. Wilkins RM, Miller CM: Reoperation after limb preservation surgery for sarcomas of the knee in children. *Clin Orthop* 412:153-61, 2003.
50. Kelly CM, Wilkins RM, Eckardt JJ, Ward WG: Treatment of metastatic disease of the tibia. *Clin Orthop* 415(suppl):s219-29, 2003.
51. Neel MD, Wilkins RM, Rao BN, Kelly CM: Early multicenter experience with a noninvasive expandable prosthesis. *Clin Orthop* 415:72-81, 2003.
52. Gitelis S, Neel MD, Wilkins RM, Rao BN, Kelly CM, Yao TK: The use of a closed expandable prosthesis for pediatric sarcomas. *Chir Organi Mov* 88:327-33, 2003.
53. Kelly CM, Wilkins RM: Treatment of benign lesions of bone with an injectable calcium sulfate-based bone graft substitute. *Orthopedics* 27[suppl]:s131-5, 2004.
54. Wilkins RM: Clinical effectiveness of demineralized bone matrix assayed in human cell culture. *In* Phillips GO (ed.): *Bone Biology and Healing. Allografts in Bone Healing: Biology and Clinical Applications*, Vol. 1. World Scientific Publ, River Edge NJ, 2004.
55. Wilkins RM, Brown WC: Upper extremity salvage and reconstruction for trauma and tumors. *In* Meier RH, Atkins DJ (eds.): *Functional Restoration of Adults and Children with Upper Extremity Amputation*. Demos Medical Publ., New York NY, 2004, pp. 23-33.

56. Wilkins RM, Kelly CM, Hahn DB: Use of a calcium sulfate-based bone substitute [abstract]. Symposium of the 15th Interdisciplinary Research Conference on Biomaterials. *J Med Biomech* 20[suppl]:10-11, 2005.
57. Cullen JW, BA Jamroz MD, SL Stevens MD, et al: The value of serial arteriography in osteosarcoma: delivery of chemotherapy, determination of therapy duration and prediction of necrosis. *J Vasc Interv Radiol* 16:1107-19, 2005.
58. Wilkins RM, Cullen JW, Camozzi AB, et al: Improved survival in primary nonmetastatic pediatric osteosarcoma of the extremity. *Clin Orthop* 438:128-36, 2005.
59. Wilkins RM, Camozzi AB, Gitelis SB: Reconstruction options for pediatric bone tumors about the knee. [In Gitelis S (ed), Special Focus Section], *J Knee Surg* 18:305-9, 2005.
60. Wilkins RM, Kelly CM: Unicameral bone cysts. In Sahni V, Frostick S (eds.): *The Liverpool Book of Orthopaedics*. The University of Liverpool, Liverpool, UK (in press).
61. Hugate RR, Wilkins RM, Kelly CM, Madsen W, Hinshaw I, Camozzi AB. Intraarterial Chemotherapy for Extremity Osteosarcoma and MFH in Adults. *Clin Orthop Relat Res*. 2008;466:1292-1301.
62. Wilkins RM, Hahn DH, Blum R. Bread Mold Osteomyelitis in the Femur. *Orthopedics*. 2009; 32:362.
63. Mackie T, Wilkins RM. Case Report: Osteochondritis Dissecans in Twins: Treatment with Fresh Osteochondral Grafts. *Clin Orthop Relat Res*. 2010;468:893-897. 10.1007/s11999-009-1017-1.
64. Hahn DB, Aanstoos ME, Wilkins RM. Osteochondral lesions of the talus treated with fresh talar allografts. *Foot Ankle Int*.31(4):277-282.

PRESENTATIONS

1. Malignant Giant Cell Tumor of Bone: An Electron Microscopic Analysis of Cell Components. Hamilton Barnard Seminar. Univ. of Colorado Health Sciences Center, Denver CO, December, 1980.
2. Brachial Plexus Injuries at Birth: A Detailed Analysis of Seventy-Five Cases. Carrie Tingley Hospital, Annual Orthopedic Seminar. Albuquerque NM, January, 1983.
3. Arthroscopic Synovectomy in Hemophilia (1st Place Resident Paper Competition). Carrie Tingley Hospital, Annual Orthopedic Seminar. Albuquerque NM, January, 1983.
4. Osteochondral Allograft Procurement. Mayo Clinic, Rochester MN, September, 1983.
5. Evaluation and Treatment of Bone and Soft Tissue Tumors. Mayo Clinic, Rochester MN, April, 1984.
6. Bone Grafting: A History and Review of Current Concepts. Mayo Clinic, Rochester MN, April, 1984.
7. Limb Salvage for Bone and Soft Tissue Tumors. Mayo Clinic, Rochester MN, May, 1984.
8. Ewing's Sarcoma: Experience with 140 cases. Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas NV, January, 1985.
9. Thermomechanical, Morphological, and Biomechanical Effects of Methyl Methacrylate Replacement of Subchondral Bone or Articular Cartilage. Orthopaedic Research Society, Las Vegas NV, January, 1985.

10. The Use of Methylmethacrylate in Giant Cell Tumors. International Symposium on Limb Salvage, Orlando FL, October, 1985.
11. Primary Bone Tumors of the Spine. American Academy of Neurosurgeons. Denver CO, March, 1986.
12. Bone Banking Techniques. Course Director, Symposium on Current Trends in Bone Grafting, Denver CO, May, 1986.
13. The Use of Allograft Bone in General Orthopaedics. Symposium on Current Trends in Bone Grafting, Denver CO, May, 1986.
14. Bone and Tissue Transplantation. National Association of Operating Room Nurses, Denver CO, September, 1987.
15. Limb Preservation: Indications and Techniques. Rocky Mountain Trauma Society, Snowmass CO, January, 1989.
16. Acquired Immunodeficiency Syndrome - Virus Sterilization in Bone. American Association of Tissue Banks, Baltimore MD, January, 1989.
17. Limb Salvage for Extremity Tumors. Colorado State Society of Osteopathic Physicians, Keystone CO, February, 1989.
18. Tumor Surgery About the Knee. Current Concepts and Methodology in Primary and Revision Joint Replacement, Vail CO, March, 1989.
19. Tumor Surgery About the Hip. Current Concepts and Methodology in Primary and Revision Joint Replacement, Vail CO, March, 1989.
20. Intra-arterial and Intravenous Preoperative Chemotherapy for Treatment of Osteosarcoma. Fitzsimons Army Hospital Annual Symposium on Children's Orthopedics, Aurora CO, March, 1989.
21. Clinical Use of Allograft and Bone. Instructional Course, American Association of Tissue Banks, Chicago IL, April, 1989.
22. Quality Control in Tissue Banking. Instructional Course, American Association of Tissue Banks. Chicago IL, April, 1989.
23. Soft Tissue Allografts. Instructional Course, American Association of Tissue Banks, Chicago IL, April, 1989.
24. The Ilizarov Technique. National Association of Operating Room Nurses, Colorado Chapter, Denver CO, May, 1989.
25. Evaluation on Treatment of Extremity Tumors; The Treatment of Osteomyelitis: New Concepts. Annual Meeting of the Wyoming State Orthopedic Association, Jackson Hole WY, June, 1989.
26. The Ilizarov Technique: Miracle or Stalin's Revenge. Western Orthopedic Association, Rocky Mountain Chapter, Breckenridge CO, July, 1989.
27. Bone Induction. Red Cross, University of Minnesota Symposium on Allografts, St. Paul MN, August, 1989.
28. Soft Tissue Allografts. Red Cross, University of Minnesota Symposium on Allografts, St. Paul MN, August, 1989.
29. Limb Preservation Techniques. Santa Cruz Hospital. Santa Cruz CA, August, 1989.

30. Single Photon Emission Computed Tomography (SPECT): Analysis of Allograft Revascularization. International Symposium on Limb Salvage. St. Malo, France, September, 1989.
31. Intra-arterial Cisplatinium and Intravenous Adriamycin: Use in the Treatment of Osteosarcoma and Malignant Fibrous Histiocytoma of Bone. Musculoskeletal Tumor Society, Bologna, Italy, September, 1989.
32. AIDS: An Animal Model for Sterilization Research. Annual Meeting of the American Association of Tissue Banks. Washington DC, October, 1989.
33. Evaluation of the Antiretroviral Effect of Various Methods of Sterilizing/Preserving Corticocancellous Bone. 36th Annual Meeting of the Orthopedic Research Society. New Orleans, February 5-8, 1990.
34. Single Photon Emission Computed Tomography (SPECT): Analysis of Allograft Revascularization. Annual Meeting of the American Academy of Orthopedic Surgeons, New Orleans LA, February, 1990.
35. Evaluation of the antiretroviral effect of various methods of preserving and sterilizing corticocancellous bone. Musculoskeletal Tumor Society. Chicago, May, 1990.
36. Demineralized Bone Powder: Use in Space Occupying Lesions of Bone. International Society of Fracture Repair. Mayo Clinic, Rochester MN, September, 1990.
37. Bone and Soft Tissue Allografts: Clinical Use. Nevada Organ Network Symposium. Las Vegas, November, 1990.
38. Tumor Reconstruction about the Knee. Current Concepts and Methodology in Primary and Revision Joint Replacement. Vail, February, 1991.
39. AIDS: Operating Room Techniques in Preventing Virus Transmission. Traumatology Hospital, Arad, Romania, March, 1991.
40. Aggressive Fibromatosis: A Rational Plan for Treatment. Musculoskeletal Tumor Society. Buffalo NY, April, 1991.
41. Bone Loss and Trauma. Colorado Trauma Symposium. Denver CO, June, 1991.
42. AIDS: The Facts and Realistic Precautions. West Paces Ferry Hospital, Atlanta GA, June, 1991.
43. Cementation of Massive Allografts. International Symposium on Limb Salvage. Montreal, September, 1991.
44. Treatment of Bone Loss. Sixty-fourth Annual Clinical Assembly of Osteopathic Specialists, American Osteopathic Academy of Orthopedics. Orlando FL, September 28-October 1, 1991.
45. Limb Salvage for Malignant and Extremity Tumors. Sixty-fourth Annual Clinical Assembly of Osteopathic Specialists, American Osteopathic Academy of Orthopedics. Orlando FL, September 28-October 1, 1991.
46. Limb Preservation for Malignant Extremity Tumors. Beijing, China, October, 1991.
47. Intra-arterial Chemotherapy for Osteosarcoma. Shanghai Orthopedic Hospital, Shanghai, China, October, 1991.

48. AIDS and the Orthopedist. Department of Orthopedics, St. Anthony Hospital, Denver, November, 1991.
49. AIDS: An Approach to Universal Precautions in the Operating Room. Grand Rounds, Fitzsimons Army Medical Center. Aurora CO, January, 1992.
50. AIDS: Precautions, Prevention, Reconstruction. Surgery of the Hip and Knee. Snowmass CO, February, 1992.
51. Bone Banking: AIDS, Ethics, Acquisition, Reconstruction. Surgery of the Hip and Knee. Snowmass CO, February, 1992.
52. Pin Care and Management of Complications. The Use of Thin Wire Fixation for Elective and Traumatic Orthopedics. Denver CO, February, 1992.
53. Limb Preservation for Malignant Extremity Tumors. Western Orthopaedic Association, Rocky Mountain Chapter Summer Meeting (Session VIII Moderator). Aspen, CO, August 1, 1992.
54. Limb Preservation for Malignant Extremity Tumors. Orthopaedic Guild. Denver CO, September 25, 1992.
55. Arteriographic Analysis of Response to Preoperative Chemotherapy in Osteosarcoma and Malignant Fibrous Histiocytoma of Bone. Second Combined MSTS/EMSOS Meeting. Boston MA, October, 1992.
56. Principles of Bone Banking. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 10-13, 1992.
57. Principles and Biology of Bone Grafting. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 10-13, 1992.
58. Arthroplasty and Limb Preservation for Malignant Lesions of Bone. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 10-13, 1992.
59. AIDS and the Orthopaedic Surgeon. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 10-13, 1992.
60. Principles of Bone Banking. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 11, 1992.
61. Principles and Biology of Bone Banking. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 11, 1992.
62. Arthroplasty and Limb Preservation for Malignant Lesions of Bone. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 12, 1992.
63. AIDS and the Orthopaedic Surgeon. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 12, 1992.
64. Allografts in Revision Surgery. Concepts in Hip and Knee Joint Arthroplasty. Phoenix AZ, December 12, 1992.
65. HIV/AIDS as It Involves the Orthopaedic Surgeon. Reconstructive Surgery of the Hip and Knee. Durango CO, January 25, 1993.
66. Bone Banking as It Relates to Allografting. Reconstructive Surgery of the Hip and Knee. Durango CO, January 26, 1993.
67. AIDS and the Orthopaedist. Illinois Orthopaedic Society. Chicago IL, March 5, 1993.

68. Update on Orthopedics. International Conference. Military Hospital, Bucharest, Romania, September 20-24, 1993.
69. Limb Preservation in Pediatric Extremity Sarcomas. Children's Orthopaedic Day. Children's Hospital, Denver CO, May 6, 1994.
70. Clinical Application of Inductive and Growth Factors. Musculoskeletal Tumor Society, Rochester MN, May 12-14, 1994.
71. Imaging Arteriography. Musculoskeletal Tumor Society, Rochester MN, May 12-14, 1994.
72. Limb Preservation: Scene through Rehab. Colorado Trauma Institute, Breckenridge CO, July 28-30, 1994.
73. Update on Bone Healing. Rocky Mountain Chapter of the Western Orthopaedic Association, Annual Summer Meeting, Aspen CO, July 29-31, 1994.
74. The Use of Cemented Allografts in Limb Salvage Procedures. Annual Summer Meeting of the Rocky Mountain Chapter of the Western Orthopaedic Association, Aspen CO, July 29-31, 1994.
75. Limb Preservation in Pediatric Extremity Sarcomas. Annual Summer Meeting of the Rocky Mountain Chapter of the Western Orthopaedic Association, Aspen CO, July 29-31, 1994.
76. AIDS and the Orthopedist. The Wisconsin Orthopaedic Society, Pewaukee WI, November 4, 1994.
77. Recent Advances in Bone Healing. The Wisconsin Orthopaedic Society, Pewaukee WI, November 4, 1994.
78. Treatment of Benign Bone Tumors: Removal and Reconstruction. Instructional Course, Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando FL, February 16-21, 1995.
79. New Perspectives in Bone Healing. Instructional Course, Use of Allografts in Orthopaedic Reconstruction. Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando FL, February 16-21, 1995.
80. Small Osteochondral Grafts: Indications and Results. Reconstructive Surgery of the Hip and Knee. Sponsored by the University of Colorado School of Medicine, Dept. of Orthopaedics. Telluride CO, March 11-18, 1995.
81. Bone Substitutes. Musculoskeletal Tumor Society Specialty Day, Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta GA, February 25, 1996.
82. Benign Bone Tumors: Removal and Reconstruction. Instructional Course Lecture: Benign Bone Tumors. Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta GA, February 22-26, 1996.
83. New Perspectives in Bone Healing. Instructional Course, Use of Allografts in Orthopaedic Reconstruction. Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta GA, February 22-26, 1996.
84. Innovative Techniques to Address Bone Loss About the Hip and Knee. Reconstructive Surgery of the Hip and Knee. The University of Colorado School of Medicine CME, Aspen CO, March 17-22, 1996.
85. AIDS and the Orthopedist. Reconstructive Surgery of the Hip and Knee. The University of Colorado School of Medicine CME, Aspen CO, March 17-22, 1996.

86. Management of Femoral Bone Loss. Fifth Annual Hips & Chips CME Course, Englewood CO, August 19, 1996.
87. New Perspectives in Bone Healing. Fifth Annual Hips & Chips CME Course, Englewood CO, August 19, 1996.
88. Treatment of Stiff Nonunions with Bone Matrix/Bone Marrow Percutaneous Injections. Sixth Asia Pacific Association of Surgical Tissue Banks Scientific Meeting, Queensland, Australia, October 2-5, 1996.
89. The Use of Cemented Allografts in Limb Salvage Procedures. Sixth Asia Pacific Association of Surgical Tissue Banks Scientific Meeting, Queensland, Australia, October 2-5, 1996.
90. Proximal Humeral Allograft Replacement for IIB Sarcomas of the Shoulder. Sixth Asia Pacific Association of Surgical Tissue Banks Scientific Meeting, Queensland, Australia, October 2-5, 1996.
91. New Perspectives in Bone Healing. Visiting Professor, Department of Orthopedics, Mayo Clinic, Rochester MI, November 12, 1996.
92. Romania: Darkness to Light. Visiting Professor, Department of Orthopedics, Mayo Clinic, Rochester MI, November 12, 1996.
93. Benign Bone Tumors. Instructional Course, The 64th Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta GA, February 13-17, 1997.
94. Use of Allografts in Orthopaedic Reconstruction: Induction, Sports Medicine and Tumors. Instructional Course, The 64th Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta GA, February 13-17, 1997.
95. Preoperative Intra-arterial Cisplatin and Intravenous Doxorubicin for Treatment of Stage IIB Osteogenic Sarcoma in children and Adolescents. Orthopedic Day, Children's Hospital, April 25, 1997.
96. Colorado Orthopedic Review Course - Instructor for Tumor Section (4 hours). Cheyenne Mountain Conference Center, Colorado Springs CO, May 14, 1997. [Goal: to help residents prepare for & pass Part I of the Boards.]
97. Human *in vitro* Bioassay of Demineralized Bone Powder: A Clinical Correlation. Annual Meeting of Musculoskeletal Tumor Society Meeting, Cleveland OH, May 17, 1997.
98. Use of and Safety Related to Demineralized Bone Allografts. American Association of Tissue Banks Annual Meeting, San Diego, August 25, 1997.
99. Sports Tumors: A Third Down and Long. Colorado Sports Medicine Symposium, Lakewood CO, Sept. 12, 1997.
100. Human *in vitro* Bioassay of Demineralized Bone Powder: A Clinical Correlation. Sixth International Conference on Tissue Banking, Edinburgh, Scotland, October 28-31, 1997.
101. Treatment of Stiff Nonunions with Bone Matrix/Bone Marrow Percutaneous Injections. Sixth International Conference on Tissue Banking, Edinburgh, Scotland, October 28-31, 1997.
102. Clinical Results of Osteochondral Allografts. Meniscal and Articular Cartilage Symposium, Keystone CO, January 24-26, 1998.

103. Fixation of Femoral and Tibial Shaft Metastases: Intramedullary Rodding. The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, Musculoskeletal Tumor Society Specialty Day, New Orleans LA, March 19-23, 1998.
104. The Treatment of Extremity Hemangioma with Endovascular Techniques. The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans LA, March 19-23, 1998.
105. Treatment of Established Tibial Nonunions Using Human Recombinant Osteogenic Protein-1 (George Muschler, presenter). The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans LA, March 19-23, 1998.
106. Benign Bone Tumors. Instructional Course, The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans LA, March 19-23, 1998.
107. Use of Allografts in Orthopaedic Reconstruction: Bone Induction, Sports and Tumors. Instructional Course, The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans LA, March 19-23, 1998.
108. The Treatment of Extremity Hemangioma with Endovascular Techniques [Poster]. The 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans LA, March 19-23, 1998.
109. Diagnosis & Management of Extremity Venous Malformations. Meeting of the Combined North American/European Musculoskeletal Tumor Societies. Washington DC, May 6-10, 1998.
110. Osteonecrosis: An Overview. Hips & Chips: Evolving Technologies and Techniques in Total Joint Replacement. Aurora CO, August 28, 1998.
111. Benefits of Laser Alignment in Total Knee Arthroplasty. Hips & Chips: Evolving Technologies and Techniques in Total Joint Replacement. Aurora CO, August 28, 1998.
112. Mechanical vs. Chemical Prophylaxis for DVT Following Major Orthopaedic Procedures. Hips & Chips: Evolving Technologies and Techniques in Total Joint Replacement. Aurora CO, August 28, 1998.
113. Approaches, Extraction Methods & Execution of Revision Total Hip Arthroplasty. Hips & Chips: Evolving Technologies and Techniques in Total Joint Replacement. Aurora CO, August 28, 1998.
114. Use of Cemented Allografts in Limb Salvage Procedures. The First Combined Meeting of European Associations of Tissue Banks (EATB) and Musculoskeletal Transplantation (EAMST), Turku, Finland, Sept. 10-12, 1998.
115. Bioassayed Demineralized Bone Matrix and Calcium Sulfate: Use in Bone Grafting Procedures. The First Combined Meeting of European Associations of Tissue Banks (EATB) and Musculoskeletal Transplantation (EAMST), Turku, Finland, Sept. 10-12, 1998.
116. Benign Bone Tumors. Instructional Course, The 66th Annual Meeting of the American Academy of Orthopaedic Surgeons, Anaheim CA, February 4-8, 1999.
117. Functional Results of Reoperation in Pediatric Limb Salvage patients with Malignancies About the Knee. The 10th International Symposium on Limb Salvage (ISOLS), Cairns, Queensland, Australia, April 11-14, 1999.
118. Human-Derived Growth Factors and Calcium Sulfate Use in Grafting Space-Occupying Lesions of Bone vs. Treatment of Benign Tumors of Bone with Calcium Sulfate and Bone

- Marrow Aspirate as a Bone Graft Substitute. The 10th International Symposium on Limb Salvage (ISOLS), Cairns, Queensland, Australia, April 11-14, 1999.
119. The Institute for Limb Preservation. Annual Meeting of the Musculoskeletal Tumor Society, Denver CO, May 13-15, 1999.
 120. The PHENIX Growing Prosthesis: Early Experience. Annual Meeting of the Musculoskeletal Tumor Society, Denver CO, May 13-15, 1999.
 121. Human-Derived Growth Factors and Calcium Sulfate Use in Grafting Space-Occupying Lesions of Bone. The 63rd Annual Meeting of the Western Orthopaedic Association, Coronado Island, San Diego CA, July 30-August 3, 1999.
 122. New Perspectives in Bone Healing. Annual Summer Meeting of the Rocky Mountain Chapter of the Western Orthopaedic Association. Steamboat Springs CO, July 23-25, 1999.
 123. Advances in Upper Extremity Salvage and Transplantation. 61st Annual Meeting of the American Academy of Physical Medicine & Rehabilitation, Washington DC, Nov. 12, 1999.
 124. Fixation of Femoral and Tibial Shaft Metastases: Intramedullary Rodding. Metastatic Bone Disease Symposium, 67th Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando FL, March 17, 2000.
 125. Benign Bone Tumors. Instructional Course Lecture, 67th Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando FL, March 17, 2000.
 126. Use of Bioassayed Demineralized Bone Matrix & Calcium Sulfate in Bone Grafting Procedures. Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando FL, March 17, 2000.
 127. Tobramycin-loaded Calcium Sulfate in Treating Osteomyelitis. Wright Medical Technology European Meeting, Athens, Greece, May 4-5, 2000.
 128. The History of Calcium Sulfate as a Bone Graft Substitute. Wright Medical Technology European Meeting, Athens, Greece, May 4-5, 2000.
 129. ALLOMATRIX™ Injectable Putty: An Osteoinductive Bone Grafting Material. Wright Medical Technology European Meeting, Athens, Greece, May 4-5, 2000.
 130. Isolated Limb Perfusion for Soft Tissue Sarcoma. Musculoskeletal Tumor Society Specialty Day, San Francisco CA, March 3, 2001.
 131. The Use of Demineralized Bone Matrix (DBM) and Calcium Sulfate (Osteoset®) as a Bone Graft Substitute for Benign Lesions of Bone. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco CA, March 4, 2001.
 132. Revision of the Failed Distal Femoral Replacement to Allograft Prosthetic Composite. Musculoskeletal Tumor Society Annual Meeting, Baltimore MD, May 10-12, 2001.
 133. New Perspectives in Bone Healing. Bill Stone Distinguished Speaker Series, University of Texas Health Science Center, San Antonio TX, July 30, 2001.
 134. New Options for Dealing with Infection. Wright Medical Technology, Vail CO, August 24, 2001.
 135. Revision of the Revision TKR. Wright Medical Technology, Vail CO, August 24, 2001.

136. Early Experience with a Novel Expandable Prosthesis. Wright Medical Technology, Vienna, Austria, September 21, 2001.
137. Revision of the Revision: The Use of Segmental Implants. Wright Medical Technology, Vienna, Austria, September 21, 2001.
138. New Options for Dealing with Infection. Total Joint Arthroplasty Current Issues, Concepts & Considerations, Vail CO, August 24-25, 2001.
139. Revision of the Revision TKR Total Joint Arthroplasty Current Issues, Concepts & Considerations, Vail CO, August 24-25, 2001.
140. Managing Severe Bone Loss: Using Oncologic Options. Winter 2002 Clinical Course, Advances in Total Joint Arthroplasty, Paradise Island, Bahamas, January 24-26, 2002.
141. Biologic Solutions to Bone Loss: Tumor & Trauma Applications. Winter Clinical Course, Advances in Total Joint Arthroplasty. Paradise Island, Bahamas, Jan. 24-26, 2002.
142. Bone Void Fillers: What's New? What Works? MSTS Specialty Day, AAOS Annual Meeting, Dallas TX, Feb. 16, 2002.
143. Modern Treatment of Orthopaedic Infections. Indiana Orthopaedic Society 46th Annual Conference, Indianapolis IN, April 11-13, 2002.
144. New Perspectives in Bone Healing. Indiana Orthopaedic Society 46th Annual Conference, Indianapolis IN, April 11-13, 2002.
145. The Accuracy of Preoperative Serial Arteriograms in Predicting Tumor Necrosis in Pediatric Osteosarcoma: Impact on Surgical Decision-Making. MSTS Annual Meeting, Toronto, Ontario, Canada, April 25-27, 2002.
146. Bone Infections. Rocky Mountain Regional Orthopedic Trauma Symposium, Denver CO, May 17-18, 2002.
147. The History and Evolution of Treatment of Osteosarcoma. Tumor Conference, Wake Forest University Baptist, Winston Salem NC, May 22, 2002.
148. Advances in Bone Grafting. Grand Rounds, Wake Forest University Baptist, Winston Salem NC, May 22, 2002.
149. New Perspectives in Bone Healing. Duke University, Durham NC, May 22, 2002.
150. Allografts and Bone Replacement Materials: How Do I Choose? Bone & Soft Tissue Tumor Conference, Carolinas Medical Center, Charlotte NC, May 23, 2002.
151. Orthopaedic Infections, Evaluations, and Treatments. Orthopaedic Grand Rounds, Greenville SC, May 24, 2002.
152. The Use of CaSO₄ as an Antibiotic Carrier. Wright Medical Technology and the Joint Replacement Institute at Orthopaedic Hospital, Vienna, Austria, June 21-22, 2002.
153. The Use of CaSO₄ in Combination with DBM. Wright Medical Technology and the Joint Replacement Institute at Orthopaedic Hospital, Vienna, Austria, June 21-22, 2002.
154. Early Experience with a Novel Expandable Prosthesis. Wright Medical Technology and the Joint Replacement Institute at Orthopaedic Hospital, Vienna, Austria, June 21-22, 2002.
155. Managing Severe Bone Loss of the Hip: Using Oncologic Options. Wright Medical Technology and the Joint Replacement Institute at Orthopaedic Hospital, Vienna, Austria, June 21-22, 2002.

156. Bone Substitutes: How Do I Choose? Puerto Rican Society of Orthopedics & Traumatology, Dorado, Puerto Rico, August 30-September 2, 2002.
157. Osteomyelitis: New Developments. Puerto Rican Society of Orthopedics & Traumatology, Dorado, Puerto Rico, August 30-September 2, 2002.
158. Management of the Infected Prosthesis. Puerto Rican Society of Orthopedics & Traumatology, Dorado, Puerto Rico, August 30-September 2, 2002.
159. Advances in Bone Healing. Montana Orthopaedic Society Annual Meeting, Billings MT, January 17-19, 2003.
160. Orthopaedic Infections: A Rationale for Treatment. Montana Orthopaedic Society Annual Meeting, Billings MT, January 17-19, 2003.
161. Expandable Implants: Factors Influencing Selection. Symposium on Limb Salvage in the Growing Child: Principles & Practice. MSTS Specialty Day, AAOS Annual Meeting, New Orleans LA, Feb. 8, 2003.
162. Assessment and Treatment of Musculoskeletal Tumors. Grand Rounds, Presbyterian St. Luke's Medical Center, Denver CO, May 9, 2003.
163. Decalcified Bone Matrix. First British Symposium on Growth Factors and Bone Morphogenic Proteins as Relevant to Orthopaedic Surgery, London, June 11, 2003.
164. History and Background to BMPs. First British Symposium on Growth Factors and Bone Morphogenic Proteins as Relevant to Orthopaedic Surgery, London, June 11, 2003.
165. Institute for Limb Preservation *and* Treatment of Osteosarcoma. HCA Conference, Las Vegas NV, July 24, 2003.
166. Allograft vs. Autograft: The emperor may wear no clothes. Rocky Mountain Chapter of the Western Orthopaedic Association, Colorado Springs CO, August 1, 2003.
167. Treatment of Foot Tumors & Nonunions. Annual Meeting of the Colorado Podiatric Medical Association, "The Cutting Edge in Podiatric Medicine and Surgery." Denver CO, October 24, 2003.
168. Bone Graft Substitutes. American Orthopaedic Foot & Ankle Society Specialty Day, San Francisco, March 13, 2004.
169. Human Allografts: Complications & Solutions. Symposium on Organ & Tissue Donation, Mid-America Transplant Services, St. Louis, April 2, 2004.
170. Overview on Allografts. P/SL OR Nursing Inservice, Denver CO, April 7, 2004.
171. The Science & Clinical Applications of Calcium Sulfate and Demineralized Bone Matrix. Changzheng Hospital, Hangzhou, China, April 28, 2004.
172. New Perspectives in Bone Healing. People's Hospital, Shanghai, China, April 29, 2004.
173. Biology of Bone Substitutes. People's Hospital, Shanghai, China, April 29, 2004.
174. Advances in Bone Grafting. East Renji Hospital, Shanghai, China, April 30, 2004.
175. Treatment of infections in total hip replacement. Wright Medical Technology, Eden Rox Hotel, Miami FL, May 21-22, 2004.

176. Recent Advances in the Treatment of Extremity Sarcomas. Alumni Association Visiting Professorship Lectureship, University of Colorado Dept. of Orthopaedic Surgery, Fitzsimons Campus, Aurora, June 17, 2004.
177. Treatment of Pediatric Osteosarcoma Yields Superior Results. Annual Meeting of the Musculoskeletal Tumor Society, Long Beach CA, July 23, 2004.
178. Fresh Joint Transplantation: Indications & Early Results. Combined Meeting of the Rocky Mountain & Western Slope Chapters of the Western Orthopaedic Association, Annual Summer Meeting, Beaver Creek CO, August 6-7, 2004.
179. Update on Treatment of Sarcoma. Combined Meeting of the Rocky Mountain & Western Slope Chapters of the Western Orthopaedic Association, Beaver Creek CO, August 6-7, 2004.
180. Superior Survival in Treatment of Primary Non-Metastatic Pediatric Osteosarcoma of the Extremity. Colorado Cancer Coalition, Denver CO, August 9, 2004.
181. Bioactive Materials. 17th Annual Symposium of the International Society for Technology in Arthroplasty. Rome, Italy, September 23-25, 2004.
182. Human-Derived Bone Growth Factors: Innovative System for Delivery and Use. 17th Annual Symposium of the International Society for Technology in Arthroplasty. Rome, Italy, September 23-25, 2004.
183. Pediatric Osteosarcoma: Improved Survival. Australian Sarcoma Society, NOOSA, Queensland, Australia, October 24, 2004
184. The Growing Prosthesis. Australian Sarcoma Society, NOOSA, Queensland, Australia, October 24, 2004.
185. The Non-Invasive Expandable Prosthesis. The 11th Meeting of the Combined Orthopaedic Associations. Sydney, Australia, October 26-29, 2004.
186. Femoral Endoprosthetic Replacement. The 11th Meeting of the Combined Orthopaedic Associations. Sydney, Australia, October 26-29, 2004.
187. Biodegradable Antibiotic Beads. The 11th Meeting of the Combined Orthopaedic Associations. Sydney, Australia, October 26-29, 2004.
188. Bone Grafting: How Can I Choose? 15th Annual Colorado Spine Symposium, Golden CO, November 12, 2004.
189. Extremity Tumors: Avoiding Pitfalls. Institute for Limb Preservation Conference, Denver CO, November 15, 2004.
190. Advances in Bone Grafting Materials. Institute for Limb Preservation Conference, Denver CO, November 15, 2004.
191. Use of a Calcium Sulfate-Based Bone Substitute. 15th Interdisciplinary Research Conference on Biomaterials, Shanghai, China, March 18-20, 2005.
192. Surgical Principles of Bone Healing. Pacific Rim Orthopaedic Update, Kapalua HI, August 27-28, 2005.
193. Biomaterials: How Do I Choose? Pacific Rim Orthopaedic Update, Kapalua HI, August 27-28, 2005.

194. The Truth about Osteoinduction. Pacific Rim Orthopaedic Update, Kapalua HI, August 27-28, 2005.
195. Treatment of Infected Arthroplasties: An Update. 37th Congresso Brasileiro de Ortopedia ou Tramatology, Rio de Janeiro, Brazil, Oct. 29 – Nov. 1, 2005.
196. Bone Graft Substitutes: How Do I Choose? 37th Congresso Brasileiro de Ortopedia ou Tramatology, Rio de Janeiro, Brazil, Oct. 29 – Nov 1, 2005.
197. Management of Infected Joint Replacements. Annual Conference of The Denver Clinic for Extremities at Risk, Denver CO, December 2, 2005.
198. What's New in Joint Transplantation? Annual Conference of The Denver Clinic for Extremities at Risk, Denver CO, December 2, 2005.
199. Decalcified Bone Matrix: Background, Clinical Use & a Critical Analysis of the Literature. The Royal Society of Medicine Orthopaedics Section: A Current Snapshot of Growth Factors & Morphogenic Proteins. London UK, January 11, 2006.
200. Update on Osteosarcoma. Keynote Speaker, Symposium on Canine Osteosarcoma, Veterinary Cancer Society, Sedona AZ, March 5-8, 2006.
201. Starting a Tissue Bank. (Invitation from the President of Sicily.) Palermo, Italy, April 8-13, 2006.
202. Bone Healing. Mesopotamia, Greece, April 14-15, 2006.
203. Extremities at Risk: Update. Swedish Medical Center, Littleton CO, June 23, 2006.
204. Large Bone Defects. Australian Orthopaedic Association, Gold Coast, Queensland, Australia, July 10-12, 2006.
205. Parts is Parts: Bone & Joint Transplantation. Annual Winter Conference, The Denver Clinic for Extremities at Risk. Presbyterian/St. Luke's Medical Center, Denver CO, December 4, 2006.
206. Advances in Limb Preservation. Arkansas Valley Regional Medical Center, La Junta CO, January 25, 2007.
207. Progress in Bone Healing. Fourth Annual Celje Days Symposium, Celje, Slovenia, March 23-24, 2007.
208. What's New In Limb Preservation or *Don't throw away the good parts!* Colorado Society of Radiologic Technologist's Annual Conference, Estes Park CO, May 4-5, 2007.
209. Allograft Transplantation to Lengthen Trans-Humeral Amputation Limbs. The 12th World Conference of the International Society for Prosthetics and Orthotics, Vancouver, Canada, July 29 - August 3, 2007.
210. Distal Femoral Replacement for Nontumors. American Orthopaedic Association, North American Travelling Fellowship Meeting, Porter Hospital, Denver CO, October 25, 2007.
211. Biologics in Orthopaedic Oncology. Invited lecture, Chinese Orthopaedic Association, November 11-17, 2007.
212. Repiphysis. Invited lecture, Chinese Orthopaedic Association, November 11-17, 2007.
213. Limb Preservation in the Growing Child. Invited lecture, Hong Kong Orthopaedic Association, November 11-17, 2007.

214. Extremity Tumors: Progress Report 2008. Invited lecture, National Association of Orthopaedic Nurses, August 22, 2008.
215. Extremities at Risk. Orthopaedic CME Presentation, August 29, 2008.
216. GRAFTJACKET® Matrix: Additional Applications in Orthopaedics. Reinforcement of Chronic Quadriceps Ruptures Using GRAFTJACKET® Matrix. GRAFTJACKET® Regenerative Tissue Matrix Symposium on Orthopaedic Soft-Tissue Regeneration, Wright Medical, Dallas TX, November 7-8, 2008.
217. Wilkins RM, Joyce MJ: Musculoskeletal Allograft Safety CME. American Academy of Orthopaedic Surgeons Web site: *Orthopaedic Knowledge Online* 2009;7(10): http://www5.aaos.org/oko/CME/templates/template_2/information.cfm?topic=CME105. Accessed October 1, 2009.
218. Wilkins R: Donor Criteria Considerations for Bone, Cartilage, and Meniscus Donation. AATB Tissue Donor Suitability Workshop IV, McLean, VA, January 16-18, 2010.
219. Wilkins R: Tissue Transplantation: Parts is Parts. Jacques Jenny Lecture. Veterinary Orthopedic Society Program, Breckenridge, CO, February 21, 2010.
220. Wilkins R: Limb Preservation: You're Going to do What? Jacques Jenny Lecture. Veterinary Orthopedic Society Program, Breckenridge, CO, February 22, 2010.