

Richard G. Buch, MD

Offices

4001 W15th Street, Ste. 290
Plano, Texas 75093

4401 Coit Road., Ste. 407
Frisco, Texas 75035

(469) 443-0924
FAX (469) 443-0940

E-MAIL: buchmd@dallaslimbrestoration.com
WEBSITE: www.dallaslimbrestoration.com

Education

University of Illinois, Champaign, Illinois,	M.D.	1982
University of Illinois, Champaign, Illinois,	B.S.	1976

Internship: Indiana University School of Medicine, 1982-1983
Department of Orthopedic Surgery

Residency: Indiana University School of Medicine, 1983-1987
Department of Orthopedic Surgery

Fellowship: Orthopedic Oncology; George Washington University Medical Center, Washington Hospital Center, Children's National Medical Center, Department of Orthopedic Surgery with Dr. Martin Malawer, 1987-1988

Professional Societies

Fellow of the American Academy of Orthopedic Surgeons
Fellow of the American College of Surgeons
Dallas County Medical Society
Southern Orthopedic Association
Texas Orthopedic Association
Musculoskeletal Tumor Society

Licensure

Texas 02/24/89 #H5391

Board Certification

Diplomate of American Board of Orthopedic Surgeons 07/13/90 Recertified 01/01/01

Bibliography

Category I (published scientific articles)

1. Intrapelvic Migration of Knowles Pin Through External Iliac Vein
Buch R, Kernek C, Madura J, Province W.
Orthopedic, 1985 8(8): 1023-1024
2. Postoperative Continuous Regional Analgesia – A New Method of Pain Control Following Large Segmental Skeleton Resections and Major Amputation.
Malawer MM, Buch R, Khurana S, Garvy T, and Rice L.
Clinical Orthopaedics and Related Research 266:227-237, 1991
3. The Impact of Two Cycles of Preoperative Chemotherapy With Intraarterial Cisplatin and Intravenous Doxorubicin on the Choice of Surgical Procedure (Limb-sparing vs. Amputation) for High Grade Bone Sarcomas of the Extremities
Malawer MM, Buch R, Reaman G, Priebat D, Potter, Khurana J, Shmookler B, Patterson K, and Schulof R.
Clinical Orthopedics and Related Research 270:214-222, 1991
4. Major Amputations Done with Palliative Intent in the Treatment of Local Bony Complications Associated with Advanced Cancer.
Malawer MM, Buch R, Thompson WE, Sugarbaker PH.
Journal of Surgical Oncology 47:121-130, 1991
5. Limb Salvage Using Newer Implant Prosthetic Designs
Buch, R
Baylor University Medical Center Proceedings, Volume 5, Number 3:27-39, July 1992
6. Reconstruction Using the Saddle Prosthesis Following Excision of Primary and Metastatic Periacetabular Tumors
Aboulafia AJ, Buch R, Mathews J, Li W, Malawer MM.
Clinical Orthopedics and Related Research 314:203-13, 1995
7. Cryosurgery in the Treatment of Giant Cell Tumor. A Long-term followup Study.
Malawer MM, Bickels J, Meller I, Buch RG, Henshaw RM, Kollender Y.
Clinical Orthopedics and Related Research 359:176-88 February 1999

Category II (Pending)

1. Bilateral Non-union of Stress Fractures of Second Metatarsal Foot and Ankle,
Buch, R
Submitted Journal of Bone and Joint Surgery
2. Intramedullary Nailing of Both Bone Forearm Fractures vs. AO Plating
Buch, R
Submitted Journal of Bone and Joint Surgery
3. Unicameral Bone Cyst: Radiographic Analysis After Injection and Criteria for Treatment
Buch, R
Submitted Journal of Bone and Joint Surgery

4. Oncology Prosthetic Reconstruction for Defects Other Than Tumors
Buch, R
Submitted Journal of Bone and Joint Surgery
5. Bipolar Hip Replacement for AVN
Buch, R
Submitted Journal of Bone and Joint Surgery

Category III (Chapters and Books)

1. Reconstruction Using the Saddle Prosthesis Following Excision of Malignant Periacetabular Tumors
Aboulafia A, Faulks CR, Li W, Buch RG, Matthews J, and Malawer MM,
Complications of Limb Salvage: Prevention, Management and Outcome
Brown K (Ed.)
ISOLS, Montreal, 1991

Category IV (Proceedings)

Scientific Exhibits

1. Postoperative Continuous Regional Analgesia – A New Method of Pain Control Following Large Segmental Skeletal Resections and Major Amputations.
Malawer MM, Buch RG, Garvey T, Khurana S, and Rice L.
5th International Symposium on Limb Salvage Surgery
St. Malo, France September 1989

Poster Exhibits

1. Reconstruction Using the Saddle Prosthesis Following Excision of Malignant Preiacetabular Tumors.
Aboulafia A, Faulks CR, Li W, Buch R, Matthews J, and Malawer MM
In, Sixth International Symposium on Limb Salvage, Brown K. (ed.)
Annual Meeting of the International Society of Limb-Sparing Surgery, Montreal 1991
2. Tumor and Complex Revision Total Knee Arthroplasty Using A Rotating Hinge Revision Total Knee Arthroplasty
Buch R, Wells J, Eberle B
San Francisco, California
September 2002

Presentations

1. *Management of Peri-Hip Pathological Fractures*
Buch, R
AAOS, Los Vegas, Nevada, January 26, 1985
AOA Resident Conference, New Orleans, LA, May 1985
2. *Anterior Thigh Compartment Resection For Soft Tissue Sarcomas*
Buch R, Calyler R.
Mid-American Orthopedic Association, Puerto Rico
April 1985

3. *Aggressive Treatment of Pathologic Humeral Fractures with AO Plating and Cement*
Buch, R
AOA Resident Conference, Salt Lake City, Utah, May 1986
Mid-American Orthopedic Association, San Diego, CA
4. *Intramedullary Nailing of Both Bone Forearm Fractures Verses AO Plating.*
A Comparison Study
Buch R, Brueckman R, and Pierce R.
American Fracture Association, 1987
AOA Resident Conference, Santa Monica, CA 1987
American Academy of Orthopedic Surgeons, 1988
5. *Unicameral Bone Cyst: Percutaneous High Pressure Renografin Injection and Intracavitary Methylprednisolone Acetate*
Malawer MM and Buch R.
Annual Meeting Eastern Orthopedic Association
Puerto Rico, November 1988
6. *The Treatment of Unicameral Bone Cysts by a Percutaneous High Pressure Injection Technique; End-Results and Radiographic Analysis of 63 Patients*
Malawer MM and Buch R.
Annual Meeting of AAOS
San Francisco, CA February 1988
7. *The Impact of Preoperative Intraarterial Chemotherapy on the Choice of Surgical Procedure (Limb-Sparing vs. Amputation) For High Grade Bone Sarcomas*
Malawer MM, Priebat D, Buch R, Reaman G, Shmookler B, Chandra R, and Schulof R.
American Society of Clinical Oncology
San Francisco, CA June 1989
8. *Postoperative Infusional Continuous Regional Analgesia (PICRA)-A Technique for Relief of Postoperative Pain Following Major Extremity Surgery.*
Malawer MM, Buch R, Khurana JS, and Rice L.
5th International Symposium of Limb-Sparing Surgery
St. Malo, France September 1989
9. *Unicameral Bone Cysts (UBC): A Radiographic Analysis After Injection and Criteria for Treatment*
Buch R, Malawer MM
Eastern Orthopedic Association 1988
American Academy of Orthopedic Surgeons 1989
10. *Pathology Review Course For Orthopedic Residents*
Buch, R
George Washington University, September 1989
Washington, D.C.
11. *Postoperative Infusional Continuous Regional Analgesia-A Technique for Pain Relief of Postoperative Pain Following Major Extremity Surgery*
Malawer MM, Buch R, Khurana S, Garvey T, and Rice L.
Annual Meeting Eastern Orthopedic Association
Bermuda, November 1990

12. *Tumors of the Spine*
Buch, R
Texas Back Institute
Plano, Texas 1992
13. *Limb Salvage Surgery*
Buch, R
Scott and White Hospital
Temple, Texas 1991
14. *New Treatments of Osteomyelitis*
Buch, R
RHD Memorial Hospital
Department of Family Medicine
Dallas, Texas
15. *Limb Salvage in Pediatric Patients*
Buch, R.
Children's Medical Center, Medical Oncology Conference
Dallas, Texas 1991
16. *Reconstruction Using the Saddle Prosthesis Following Excision of Malignant Periacetabular Tumors*
Aboulafia A, Faulks CR, Li W, Buch R, Matthews J, and Malawer MM
Sixth International Symposium on Limb Salvage, Montreal 1991
17. *Postoperative Care of Ilizarov Patients*
Buch, R
Physical Therapy and Orthopedic Nursing Department
St. Paul Medical Center
Dallas, Texas 1990-1991
18. *Renal Cell Metastasis*
Buch, R
Tumor Conference, St. Paul Medical Center
Dallas, Texas September 1991
19. *Soft Tissue Tumors-How to Stay Out of Trouble*
Buch, R
Oncology for the Primary Physician; Cancer Conference
Dallas, Texas September 1991
20. *Squamous Cell Carcinoma-Extremity Tumors*
Buch, R
Tumor Conference, St. Paul Medical Center
Dallas, Texas January 1992
21. *Biopsy and Staging Tumors*
Buch, R
Northeastern Medical Campus
Orthopedic Department Meeting
Bedford, Texas March 1993

22. *Radiation Sarcoma*
Buch, R
Tumor Conference, St. Paul Medical Center
Dallas, Texas February 1993
23. *Complex Reconstruction With Prosthesis for Defects Other Than Tumors*
Buch, R
Chicago 1996
24. *Constrained Endoprosthesis of Knees*
Buch, R
Anaheim
25. *Opteform in Tumor Applications*
Buch, R
AAOS Meeting
San Francisco, California
February 2001
26. *Opteform in Tumor Applications*
Buch, R
MSTS Meeting
Baltimore, Maryland
May 2001
27. *Opteform in Tumor Applications*
Buch, R
Exatec Meeting
Miami, Florida
May 2001
28. *Opteform in Tumor Applications*
Buch, R
Exatec Meeting
Oklahoma
April 2002
29. *Complex Revision of Total Knee Replacements*
Buch, R
Wichita Falls, Texas
June 2002
30. *Complex Revision of Total Knee Replacements*
Buch, R
Tyler, Texas
September 2002
31. *Complex Revision of Total Knee Replacements*
Buch, R
2003 AAOS Meeting
New Orleans, Louisiana
February 2003

32. *Opteform in Tumor Applications*

Buch, R
2003 TOA Meeting
San Antonio, Texas
April 2003

33. *Opteform in Tumor Applications*

Buch, R
Mid-America Meeting
Hilton Head, South Carolina
April 2003

34. *Tricks in Complex Total Knee Revisions*

Buch, R
Kansas City, Missouri
August 2003

Newspaper Articles

1. Fighting for Life and Limb
For Bone Cancer Patients, New Alternatives to Amputation
Reported by D. Coburn. Washington Post, Health Section
March 22, 1988
2. One Step at a Time
Reported by St. Paul Hospital. HealthWaves
Winter 1990
3. Bone Tumors: A Team Approach to Treatment
Health Scene, Journal of Good Health & Good Health Care
Spring 1991
4. Come Back with Turtle Power
Reported by St. Paul Hospital. HealthWaves
Spring 1991
5. Restoring Bones to Health
Reported by St. Paul Hospital. HealthWaves
Summer 1991
6. Riding Out the Storm
Reported by G. Shultz. Dallas Times Herald
September 29, 1991
7. Surgeon Treats Cancer, Amputation as Separate Issue
Reported by J. Jacobs. Metrocrest News
8. Graduate Wins Fight Against Leg Tumor
Reported by J. Acton. Today Duncanville
June 11, 1992

9. Local Man Walks Due to 14-Hour Surgery
Reported by J. Fox. The Metrocrest News
April 14, 1993
10. Cancer Battle Changes Man's Focus
Reported by A. Pettit. The Grapevine Sun
January 20, 1994
11. Beating the Odds
Reported by S. Freeman. Fort Worth Star Telegram
October 13, 1994

Consultant for Investigational Studies

Stryker Howmedica Osteonics
Regeneration Technologies, Inc.
Link Orthopedics
Galvanic Stem Study
Exatech
Optiform and Protein Rich Plasma
Smith & Nephew

Appointments:

Centennial Medical Center Chairman, Department of Surgery	2007-2008
Centennial Medical Center Chairman, Department of Orthopaedics	2009-2011
Medical Center of Plano, Medical Director – Orthopedics	2011-2012
Dallas Medical Center, Medical Director	2012-present