

## **CURRICULUM VITAE**

**RUSSELL C. FRITZ, M.D.**

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Novato, CA 94948-6102

### **EDUCATION**

Undergraduate                      Duke University  
   Durham, NC  
   B.S. Zoology  
   Honors: Magna Cum Laude  
   1982

Medical School                      Duke University School of Medicine  
   Honors: Alpha Omega Alpha, 1984  
   Doctor of Medicine, 1986

### **PROFESSIONAL TRAINING**

Internship                              Duke University Medical Center  
   Durham, NC  
   Department of Surgery, 1986-1987

Residency:                              University of California  
   San Francisco, CA  
   Department of Radiology, 1987-1991

Chief Resident                        1990-1991

Fellowship                              University of California  
   San Francisco, CA  
   Musculoskeletal Imaging, 1989

### **MEDICAL LICENSURE AND BOARD CERTIFICATION**

Diplomate, National Board of Medical Examiners  
Diplomate, American Board of Radiology

State of Alaska Medical License    State of New York Medical License  
State of California Medical License    State of Ohio Medical License  
State of Colorado Medical License    State of Oklahoma Medical License  
State of Illinois Medical License    State of Texas Medical License  
State of Nevada Medical License    State of Washington Medical License  
State of New Jersey Medical License

**PROFESSIONAL SOCIETIES**

- American Medical Association, 1982
- Alpha Omega Alpha, 1984
- Radiological Society of North America, 1987
- American Roentgen Ray Society, 1987
- San Francisco Radiological Society, 1988
- Marin Medical Society, 1991
- California Medical Association, 1991
- International Society for Magnetic Resonance in Medicine, 1994
- Society for Skeletal Radiology, 1998
- International Skeletal Society, 2000

**CURRENT PRACTICE:** Marin General Hospital  
Greenbrae, CA  
1991 to Present

Novato Community Hospital  
Novato, CA  
1991 to Present

University of California  
San Francisco, CA  
1991 – Present

Vail Valley Medical Center, 1992  
Vail Colorado  
1992 to Present

Seton Medical Center, 1994  
Daly City, CA  
1994 to Present

**COMMITTEES** Utilization Management & Quality Improvement Committee  
California Managed Imaging, 1996

**INVITED CONSULTANT** Summer Olympic Games, Barcelona, Spain, 1992  
Centre Mèdic de Ressonància Magnètica  
July 25-August 2, 1992

**VISITING PROFESSOR** University of Miami  
Miami, Florida, June 13-15, 2002  
University of New Mexico  
Albuquerque, NM, March 23-25, 2003

## INVITED LECTURES

UCSF Visiting Fellowships: Musculoskeletal MRI 1990-2003	MRI of the Foot and Ankle 70 lectures
	MRI of the Knee 28 lectures
	Pitfalls in MRI of the Knee 15 lectures
	MRI of the Shoulder 26 lectures
	MRI of the Temporomandibular Joint 23 lectures
	MRI of the Elbow 70 lectures
	MRI of the Wrist 7 lectures
	MRI of the Hip 3 lectures
	MRI of Muscles 5 lectures
	MRI of the Lumbar Spine 25 lectures
Guest Lecturer, Cheyenne Radiology Group	MRI of the Foot and Ankle MRI of the Wrist MRI of the Shoulder MRI of the Knee MRI of the Temporomandibular Joint April 6, 1990
Cheyenne, Wyoming Medical Grand Rounds	Musculoskeletal Applications of MRI April 6, 1990
San Francisco Magnetic Resonance Center Imaging Seminar	MRI of the Temporomandibular Joint May 5, 1990
Guest Lecturer, Modesto Radiology Group Modesto, California	MRI of the Wrist MRI of the Foot and Ankle June 12, 1990
	MRI of the Knee February 27, 1991
	MRI of the Shoulder April 17, 1991

*(Invited Lectures continued)*

	MRI of the Temporomandibular Joint June 18, 1991
UCSF Technologists MRI Course	Musculoskeletal Applications of MRI June 15, 1990 October 14, 1990 November 15, 1991  Applications of MRI in Sports Injuries October 18, 1991
Nevada MRI Technologist Seminar Las Vegas, Nevada	Musculoskeletal Applications of MRI September 23, 1990
MR Imaging Seminar Stockton, California	Musculoskeletal Applications of MRI December 11, 1990  MRI of the Foot and Ankle March 12, 1991
MR Imaging Seminar King City, California	Musculoskeletal Applications of MRI October 23, 1991
MR Imaging Seminar South Lake Tahoe, CA	Musculoskeletal Applications of MRI Applications of MRI in Sports Injuries November 19, 1991
Winthrop MRI Symposium San Francisco, CA	MRI of Musculoskeletal Trauma December 20, 1991
Stanford University General Surgery Grand Rounds	Elbow Injury in the Throwing Athlete April 18, 1992
Guest Lecturer, Centre Mèdic de Ressonància Magnètica Barcelona, Spain	<u>MRI of the Wrist</u> July 29, 1992 <u>Evaluation of Sports Injuries with MRI</u> July 29, 1992
Current Issues of MRI in Sports Medicine and Orthopaedics San Francisco, CA	<u>MRI of the Elbow</u> September 12, 1992 September 20, 1993 September 24, 1994 September 8, 1995 September 7, 1996 September 6, 1997 September 12, 1998 August 29, 1999 August 27, 2000 August 27, 2002

*(Invited Lectures continued)*

Current Issues of MRI in Sports Medicine and Orthopaedics San Francisco, CA	<u>Interesting Case Conferences</u> September 19, 1993 September 8, 1995 September 7, 1996 September 3 & 6, 1997 September 9, 1998 August 29, 1999 August 27, 2000 August 26, 2001 August 25 & 27, 2002 August 24 & 26, 2003
Current Issues of MRI in Sports Medicine and Orthopaedics San Francisco, CA	MRI of the Knee: Menisci August 27, 2003  MRI of Impingement and the Rotator Cuff September 9, 1998 September 1, 1999 August 25, 2000 August 26, 2001
UCSF Clinical MRI Meeting San Francisco, CA	MRI of the Elbow October 23, 1992 October 21, 1993
Hawaii Orthopaedic MRI Conference Honolulu, Hawaii	MRI of the Upper Extremity MRI of the Foot and Ankle Evaluation of Sports Injuries with MRI Musculoskeletal Applications of MRI November 5-6, 1992
Memorial Medical Center Modesto, CA Sports Medicine Meeting	Applications of MRI in Sports Injuries May 22, 1993
Oklahoma Orthopedic MRI Conference Oklahoma City	MRI of the Foot and Ankle MRI of the Elbow MRI of the Wrist October 2, 1993
Northwest Podiatry Association Meeting Seattle, WA	MRI of the Ankle and Foot December 4, 1993
Visiting Fellowship in Sports Medicine MRI Steadman Hawkins Clinic Vail, Colorado	MRI of the Ankle and Foot MRI of the Elbow MRI of the Wrist MRI of the Knee MRI of the Shoulder MRI of the Hip

*(Invited Lectures continued)*

	MRI of the Lumbar Spine January 17-21, 1994 August 15-19, 1994 April 3-7, 1995 April 1-5, 1996 March 20-25, 1997
Vail Valley Medical Center Orthopaedic Grand Rounds	MRI of the Elbow August 18, 1994 December 18, 2000
Liberty Mutual Insurance Utilization Seminar Pleasanton, CA	MRI of the Spine and Joints: September 16, 1994
California College of Podiatric Medicine Grand Rounds	MRI of the Ankle and Foot September 28, 1994
American Academy of Physical Medicine and Rehabilitation 56th Annual Assembly PASSOR Course Anaheim, CA	Radiology of the Shoulder October 13, 1994
Washington Orthopedics MRI Conference Centralia, WA	MRI of the Musculoskeletal System MRI of the Shoulder October 24-26, 1994
Washington Orthopedics MRI Conference Centralia, WA	MRI of the Musculoskeletal System MRI of the Ankle January 9-11, 1995
UCSF Musculoskeletal and Neuro MRI Course Kona, Hawaii	MRI of the Elbow MRI of the Wrist MRI of the Knee-Sports Injuries MRI of Shoulder Instability February 19-21, 1995  MRI of the Lumbar Spine MRI of the Knee MRI of the Elbow MRI of Sports Injuries February 20-22, 2000  MRI of the Lumbar Spine MRI of the Knee MRI of the Elbow MRI of Sports Injuries February 18-22, 2002
UCSF Board Review Course San Francisco, CA	Musculoskeletal Infection MRI of the Knee & Shoulder February 8, 1999

*(Invited Lectures continued)*

UCSF Board Review Course Burlingame, CA	Musculoskeletal Trauma Musculoskeletal Infection Board Exam Case Review February 28, 1995 February 26, 1996
Vail Valley Medical Center Emergency Department Grand Rounds	MRI of Musculoskeletal Trauma April 10, 1995
Marin County TMJ Study Group	MRI of the Temporomandibular Joint March 8, 1996
ISMARM Annual Meeting Musculoskeletal MRI Categorical Course New York	MRI of the Elbow: An Update May 2, 1996
Sydney Sports Medicine Conference Sydney, Australia	Applications of MRI in Sports Injuries Update on MR imaging of the Knee MR Imaging of the Shoulder: Current Status Update on MRI of the Ankle and Elbow February 26-28, 1997
Central Valley Radiology Society Fresno, CA	MRI of the Elbow: An Update November 12, 1997
Society of Computed Body Tomography and Magnetic Resonance Annual Course Rancho Mirage, CA	MRI of the Elbow MRI of the Ankle MRI of the Knee: Ligaments and Cartilage April 3, 1998
American Roentgen Ray Society Annual Meeting Refresher Course San Francisco, CA	MRI of the Upper Extremity in Sports Medicine: Shoulder, Elbow, and Wrist April 29, 1998
Knee and Shoulder Update South Lake Tahoe, CA	MRI of the Rotator Cuff: An Update December 11, 1998 December 4, 1999 December 1, 2000 MRI of the Knee: New Concepts MRI of the Shoulder: New Concepts December 7 & 8, 2001 MRI of the Knee: New Concepts MRI of the Shoulder: New Concepts December 5-7, 2002
UCSD Musculoskeletal MR Course Palm Beach, FL	MRI of the Elbow MRI of the Wrist <u>MRI of the Knee</u> MRI of Sports Injuries MRI of the Lumbar Spine January 20 & 21, 1999

*(Invited Lectures continued)*

	MRI of the Knee MRI of the Ankle &Foot MRI of Sports Injuries January 27 & 28, 2000
UCSF Board Review Course San Francisco, CA	Musculoskeletal Infection MRI of the Knee & Shoulder February 8, 1999
ISMRM Annual Meeting Musculoskeletal MRI Categorical Course Philadelphia, PA	MRI of the Rotator Cuff: An Update May 28, 1999
British Institute of Radiology Sports Medicine MRI London, UK	MRI of the Elbow September 27, 1999
UCSF Clinical MRI Course San Francisco, CA	MRI of the Lumbar Spine MRI of the Ankle: Ligaments & Tendons MRI of the Rotator Cuff: An Update October 4, 1999
Clinical Essentials of MRI Chicago, IL	MRI of the Elbow MRI of the Rotator Cuff MRI of Shoulder Instability October 30, 1999
Clinical MR Society Annual Meeting San Francisco, CA	MRI of the Wrist MRI of the Elbow MRI of the Ankle & Foot MRI of the TMJ June 24 & 25, 2000
UCSF Clinical MRI Course San Francisco, CA	MRI of the Lumbar Spine MRI of the Elbow MRI of the Rotator Cuff: An Update October 26, 2000 MRI of the Elbow MRI of the Shoulder: Instability MRI of the Knee: Ligaments & Tendons October 11, 2001 MRI of the Elbow MRI of the Ankle MRI of the Knee: Meniscal Tears October 17, 2002
Vail Valley Medical Center Orthopaedic Conference Steadman-Hawkins Clinic	MRI of the Rotator Cuff December 21, 2000 April 1, 2002 MRI of the Knee: New Concepts December 31, 2001 MRI of the Elbow April 14, 2003

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Clinical MRI Meeting Paramus, NJ	Update on Musculoskeletal MRI October 4, 2001
Clinical Essentials of MRI Las Vegas, NV	MRI of the Shoulder MRI of the Lumbar Spine Imaging of Musculoskeletal Infection MRI of the TMJ MRI of the Elbow October 19-21, 2001
Singapore Radiology Society Singapore	Update on Musculoskeletal MRI March 18, 2002
Clinical MRI Meeting Melbourne, Australia	Update on MRI of the Knee March 20, 2002
Perth Sports Medicine Conference Perth, Australia	MRI of Articular Cartilage Update on MR imaging of the Knee MR Imaging of Shoulder Instability MRI of the Rotator Cuff Update on MRI of the Lumbar Spine MRI of the Elbow March 23-24, 2002
ISMRM Annual Meeting Musculoskeletal MRI Categorical Course Honolulu	MRI of the Knee: Menisci & Cartilage May 19, 2002
University of Miami Visiting Professor Miami, Florida	MRI of the Elbow MRI of the Shoulder: Rotator Cuff MRI of the Ankle MRI of the Shoulder: Instability Robert Shapiro Memorial Lecture: MRI of the Knee: Meniscal Tears and Dysfunction June 13-15, 2002
University of New Mexico Visiting Professor Albuquerque, New Mexico	MRI of the Elbow MRI of the Shoulder: Rotator Cuff MRI of the Ankle MRI of Articular Cartilage MRI of the Knee March 23-25, 2003
UCSF Residents Grand Rounds	MRI of Sports Injuries July 22, 2003

## **ABSTRACTS**

1. Djukic S, Helms CA, Fritz RC, Chan W, Genant HK. Gadolinium-DTPA-enhanced MR imaging in patients with the failed back surgery syndrome. Radiological Society of North America, Chicago, November 26-December 1, 1989.
2. Bennett HF, Vahey TN, Fritz RC, Arrington LE. Signal abnormalities in the posterior horn of the lateral meniscus. Society of Magnetic Resonance in Medicine, New York, August 18-24, 1990.
3. Lang P, Fritz RC, Maajumdar S, Steinbach LS, Chan W, Genant HK. Hematopoietic bone marrow hyperplasia: Out of phase gradient-echo MR imaging. Society of Magnetic Resonance in Medicine, New York, August 18-24, 1990.
4. Lang P, Mauz M, Steffen R, Zwicker C, Langer M, Fritz RC, Neuhaus P, Henkes H, Felix R. MR imaging in liver transplantation: Focal abnormalities of the liver allograft. Society of Magnetic Resonance in Medicine, New York, August 18-24, 1990.
5. Djukic S, Helms CA, Fritz RC, Genant HK. Gadolinium-DTPA-enhanced MR imaging in patients with the failed back surgery syndrome. Society of Magnetic Resonance in Medicine, New York, August 18-24, 1990.
6. Fritz RC, Helms CA, Genant HK, Kaplan PA. Frequency and significance of equivocal meniscal and anterior cruciate ligament tears in MRI of the knee. Radiological Society of North America, Chicago, November 25-30, 1990.
7. Djukic S, Chan WA, Helms CA, Fritz RC, Lang P, Genant HK. MR imaging of the spine:Gd-DTPA-enhanced studies. Radiological Society of North America, Chicago, November 25-30, 1990.
8. Fritz RC, Helms CA, Genant HK. MR appearance of normal and abnormal depressions in the tibial plateau. American Roentgen Ray Society, Boston, May 5-10, 1991.
9. Lang P, Fritz RC, Majumdar S, Genant HK. Hematopoietic bone marrow hyperplasia of the knee: Use of out-of-phase gradient-echo MR imaging. European Congress of Radiology, Berlin, July 1-6, 1991.
10. Fritz RC, Helms CA, Steinbach LS, Genant HK. MR imaging of the suprascapular nerve entrapment syndrome. Radiological Society of North America, Chicago, December 1-5, 1991.
11. Chan WP, Fritz RC, Stoller DW, Genant HK. The MR anterior drawer sign: A useful sign in the diagnosis of complete ACL tears. Radiological Society of North America, Chicago, December 1-5, 1991.
12. Chan WP, Fritz RC, Helms CA, Genant HK. MR imaging of the medial patellar plica. Radiological Society of North America, Chicago, November 29-December 4, 1992.
13. Fritz RC. MR imaging of lateral patellar dislocation injury. Radiological Society of North America, Chicago, November 28-December 3, 1993.
14. Fritz RC, Helms CA, Gaensler E. MR imaging of sacral insufficiency fractures. American Roentgen Ray Society, Washington, April 30-May 5, 1995.
15. Ho CP, Plancher KD, Fritz RC, Hawkins, RJ. Skier thumb: MR imaging detection of the Stener lesion with surgical correlation in a double-blinded prospective study. Radiological Society of North America, Chicago, November 25-December 1, 1995.
16. Otte MT, Helms CA, Fritz RC. Spinoglenoid notch varix: A potential cause or marker for suprascapular nerve entrapment. American Roentgen Ray Society, San Diego, May 5,-10 1996.
17. Otte MT, Helms CA, Fritz RC. MRI diagnosis of supraacetabular insufficiency fractures. American Roentgen Ray Society, San Diego, May 5-10 1996.

*(Abstracts continued)*

18. Carter GT, Fritz RC. Electromyographic and lower extremity STIR MR imaging findings in lumbar radiculopathy. American Association of Electrodiagnostic Medicine, Minneapolis, October 5, 1996.
19. Helms CA, Major NM, Fritz RC, Speer KP. The MR appearance of longitudinal split peroneus brevis tears. American Roentgen Ray Society, Boston, May 5, 1997.

**PUBLICATIONS**

1. Fritz RC, Helms CA. MRI of the ankle and foot. Clinical Update 1989;2(7):3-4.
2. Helms CA, Fritz RC. Temporomandibular joint MRI. Clinical Update 1989;2(8):3-4.
3. Fritz RC, Helms CA, Steinbach LS. Skeletal radiology teaching file: Second fracture. Perspect Rad 1990;3(1):117-121.
4. Fritz RC, Helms CA. Skeletal radiology teaching file: MRI of occult hip fractures. Perspect Rad 1990;3(2):94-97.
5. Fritz RC, Steinbach LS. MRI of the ankle and foot. Perspect Rad 1990;3(2):1-26.
6. Fritz RC, Helms CA. Skeletal radiology teaching file: MR appearance of the spine after bone marrow transplantation and irradiation. Perspect Rad 1991;4(1):105-107.
7. Helms CA, Fritz RC. Pitfalls in MRI of the knee. In: Gooding CA (ed): Diagnostic Radiology 1991. San Francisco, Radiology Research and Education Foundation, 1991; 309-340.
8. Steinbach LS, Fritz RC. MRI of the ankle. In: Gooding CA (ed): Diagnostic Radiology 1991. San Francisco, Radiology Research and Education Foundation, 1991; 291-308.
9. Fritz RC, Helms CA. Visualization of menisofemoral ligaments on coronal MRI of the knee. AJR 1991; 1126-1127.
10. Fritz RC, Helms CA, Steinbach LS, Genant HK. MR imaging of suprascapular nerve entrapment. Radiology 1992; 182:437-444.
11. Helms CA, Fritz RC. Pitfalls in MRI of the knee. In: Munk PK, Helms CA (eds): MRI of the Knee, Aspen Press, 1992; 89-106.
12. Helms CA, Fritz RC. MRI of the shoulder. In: Helms CA, Higgins CB, Hricak H (eds): Magnetic Resonance Imaging of the Body, second edition. New York, Raven Press, 1992; 1121-1140.
13. Fritz RC, Helms CA, Steinbach LS. MRI of the ankle and foot. In: Helms CA, Higgins CB, Hricak H (eds): Magnetic Resonance Imaging of the Body, second edition. New York, Raven Press, 1992; 1187-1206.
14. Helms CA, Fritz RC. MRI of the temporomandibular joint. In: Helms CA, Higgins CB, Hricak H (eds): Magnetic Resonance Imaging of the Body, second edition. New York, Raven Press, 1992; 1207-1218.
15. Lang P, Fritz RC, Vahlensieck M, Majumdar S, Berthezene Y, Grampp S, Genant HK. Residual and reconverted hematopoietic marrow in the distal femur. Spin-echo and gradient-echo MRI. Fortschr Rontgenstr 1992;156:89-95.
16. Resendes M, Helms CA, Fritz RC, Genant HK. MR appearance of intramuscular injections. AJR 1992;.158:1293-1294.
17. Fritz RC, Stoller DW. Fat-suppression MR arthrography of the shoulder. Radiology 1992; 185:164-165.

*(Publications continued)*

18. Lang P, Fritz RC, Majumdar S, Vahlensieck M, Peterfy C, Genant HK. Hematopoietic bone marrow hyperplasia: out-of-phase gradient-echo MR imaging. *Skeletal Radiol* 1993; 22:95-103.
19. Stoller DW, Fritz RC. Magnetic resonance imaging of impingement and rotator cuff tears. *In: Rafii, M (ed): The Shoulder, MRI Clinics of North America* 1993; 1:47-63.
20. Linker CS, Helms CA, Fritz RC. Quadrilateral space syndrome: Findings at MR imaging. *Radiology* 1993; 188:675-676.
21. Fritz RC. MR helps target causes of sports-related elbow pain. *Diagnostic Imaging* 1993; 10:80-86.
22. Fritz RC, Steinbach LS. The elbow. *In: Chan WP, Lang P, and Genant HK(eds): MRI of the Musculoskeletal System. Philadelphia, W. B. Saunders Co, 1993; 193-206.*
23. Steinbach LS, Fritz RC. The hand and wrist. *In: Chan WP, Lang P, and Genant HK(eds): MRI of the Musculoskeletal System. Philadelphia, W. B. Saunders Co, 1993; 207-232.*
24. Chan WP, Fritz RC, Steinbach LS, Wu CY, Genant HK, Cannon WD. The knee: internal derangement. *In: Chan WP, Lang P, and Genant HK(eds): MRI of the Musculoskeletal System. Philadelphia, W. B. Saunders Co, 1993; 263-306.*
25. Chan WP, Fritz RC, Steinbach LS, Wu CY, Genant HK, Cannon WD. The knee: other pathologic conditions. *In: Chan WP, Lang P, and Genant HK(eds): MRI of the Musculoskeletal System. Philadelphia, W. B. Saunders Co, 1993; 307-350.*
26. Fritz RC, Kaiser JA, White AH, DeLong WB, Gamburd RS. MR imaging of a thoracic intraspinal synovial cyst. *Spine* 19:487-490, 1994.
27. Fritz RC. Current issues in imaging of the foot and ankle. *In: Pfeffer GB and Frey, CC(eds): Current Practice in Foot and Ankle Surgery, Volume II, New York, McGraw-Hill, 1994; 77-107.*
28. Chan WP, Peterfy CP, Fritz RC, Genant HK. MR diagnosis of complete tears of the anterior cruciate ligament: Efficacy of anterior subluxation of the tibia. *AJR* 362:355-360, 1994.
29. Helms CA, Fritz RC, Garvin GJ. Plantaris muscle injury: Evaluation with MR imaging. *Radiology* 195:201-203, 1995.
30. Fritz RC, Brody GA. MRI of the elbow and wrist. *Clin Sports Med* 14: 315-352, 1995.
31. Fritz RC. MR imaging of the elbow. *Semin Roentgenol* 30:241-264, 1995.
32. Fritz RC, Crues JV. The role of muscle imaging in orthopaedics. *In: Fleckenstein JL and Crues JV(eds): Muscle Imaging in Health and Disease. New York, Springer-Verlag, 1996; 321-41.*
33. Fritz RC. The Elbow. *In: Edelman R, Hesselink J, Zlatkin M (eds): Clinical Magnetic Resonance Imaging, second edition. W. B. Saunders Co, Philadelphia. 1996; 1876-99.*
34. Fritz RC, Steinbach LS. Magnetic resonance imaging of the musculoskeletal system: The elbow. *Clin Orthop* 324: 321-339, 1996.
35. Fritz RC. The elbow. *In: Deutsch AL, Mink JH(eds). MRI of the Musculoskeletal System: A Teaching File, 2nd ed. New York, Lippincott-Raven, 1997; 77-148.*
36. Fritz RC, Stoller DW. The elbow. *In: Stoller DW(ed). Magnetic Resonance Imaging in Orthopaedics and Sports Medicine, 2nd ed. New York, Lippincott-Raven, 1997; 743-850.*
37. Carter GT, Fritz RC: Electromyographic and lower extremity STIR MR imaging findings in lumbar radiculopathy. *Muscle Nerve* 1996; 19:1215.
38. Carter GT, Fritz RC: Pancreatic adenocarcinoma presenting as a monomelic motor neuropathy. *Muscle Nerve* 1997; 20:103-5.

*(Publications continued)*

39. Otte MT, Helms CA, Fritz RC. MRI diagnosis of supraacromioclavicular insufficiency fractures. *Skeletal Radiol* 1997, 26: 279-83.
40. Fritz RC, Steinbach LS, Tirman PFJ, Martinez S. MR imaging of the elbow: An update. *Rad Clin North Am* 1997, 35: 117-44.
41. Fritz RC. MR imaging of osteochondral and articular lesions. In: Rosenberg, ZS (ed): *The Elbow*. *MRI Clin North Am* 1997, 5: 579-602.
42. Fritz RC. MRI of the elbow. In: Helms CA, Higgins CB, Hricak H (eds): *Magnetic Resonance Imaging of the Body*, third edition. New York, Lippincott-Raven, 1997, 1219-38.
43. Fritz RC. MR imaging in sports medicine: The elbow. *Seminars in Musculoskeletal Radiology* 1:29-49, 1997.
44. Fritz RC, Stoller DW. MR imaging of the rotator cuff. In: Raffi, M (ed): *Update on the Shoulder*, *MRI Clin North Am* 1997, 5: 735-54.
45. Carter GT, Fritz RC: Electromyographic and lower extremity short time to inversion recovery magnetic resonance imaging findings in lumbar radiculopathy. *Muscle Nerve* 1997, 20:1191-1193.
46. Steinbach LS, Fritz RC, Tirman PFJ, Uffman M. Magnetic resonance imaging of the elbow. *European Journal of Radiology* 1997, 25:223-41.
47. Fritz RC. MR imaging of sports injuries of the elbow. In: Ho, CP (ed): *MR imaging of Sports-related Injuries*, *MRI Clin North Am* 1999, 7:51-72.
48. Hawkins RJ, Piatt BE, Fritz RC, Wolf E, Schickendantz M. Clinical evaluation and treatment of spinoglenoid notch ganglion cyst. *J Shoulder Elbow Surg* 8:551, 1999.
49. Bredella MA, Tirman PF, Fritz RC, Wischer TK, Stork A, Genant HK. Denervation syndromes of the shoulder girdle: MR imaging with electrophysiologic correlation. *Skeletal Radiol* 28:567-72, 1999.
50. Bredella MA, Tirman PF, Fritz RC, Feller JF, Wischer TK, Genant HK. MR imaging findings of lateral ulnar collateral ligament abnormalities in patients with lateral epicondylitis. *AJR* 173:1379-82, 1999.
51. McDonald CM, Carter GT, Fritz RC, Anderson MW, Abresch, RT, Kilmer DD. Magnetic resonance imaging of denervated muscle: comparison to electromyography. *Muscle Nerve* 23:1431-4, 2000.
52. Major NM, Helms CA, Fritz RC, Speer KP. The MR imaging appearance of longitudinal split tears of the peroneus brevis tendon. *Foot Ankle Int* 21:514-9, 2000.
53. Fritz RC, Boutin RA. Magnetic resonance imaging of the peripheral nervous system. *Phys Med Rehabil Clin N Am* 12:399-432, 2001.
54. Fritz RC. Sports-Related Injuries of the Shoulder: Impingement and Rotator Cuff. *Rad Clin N Am* 40:217-234, 2002.
55. Piatt BE, Hawkins RJ, Fritz RC, Ho CP, Wolf E, Schickendantz M. Clinical evaluation and treatment of spinoglenoid notch ganglion cysts. *J Shoulder Elbow Surg* 11: 600-4, 2002.
56. Boutin RD, Fritz RC, Steinbach LS. Imaging of sports-related muscle injuries. *Radiol Clin North Am*. 40:333-62, 2002.
57. Carroll KW, Helms CA, Otte MT, Moellken C, Fritz R. Enlarged spinoglenoid notch veins causing suprascapular nerve compression. *Skeletal Radiol* 32:72-7, 2003.

*(Publications continued)*

58. Boutin RD, Fritz RC, Stenibach LS. Imaging of sports-related muscle injuries. *Magn Reson Imaging Clin N Am* 11:1-31, 2003.
59. Fritz RC. MR imaging of meniscal and cruciate ligament injuries. *Magn Reson Imaging Clin N Am*, 2003 (in press).
60. Fritz RC. The Elbow. In: Edelman R, Hesselink J, Zlatkin M (eds): *Clinical Magnetic Resonance Imaging*, third edition, 2004 (in press).
61. Fritz RC. Imaging of the elbow. *Clin Sports Med* 2004 (in press).

**MULTIMEDIA PUBLICATIONS**

Fritz, RC. Elbow MRI. *In*: Crues, JV(ed). *Mastering MRI: Magnetic Resonance Imaging of the Musculoskeletal System (CD-ROM)*. New York, Lippincott-Raven, 1996.