Robert D. Boutin, M.D.

Clinical Interests
Clinical: Musculoskeletal imaging, with an emphasis on orthopaedic applications of MRI.
Research: MRI of muscle, tendon, nerve, and articular cartilage.

Title
Professor of Clinical Radiology

Specialty
Radiology, Radiology - Musculoskeletal Radiology

Department
Radiology

Division
Musculoskeletal Radiology

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Education
M.D., UC Davis School of Medicine, Sacramento, California, 1991
B.S.|M.S., Stanford University, Stanford, California, 1986

Residency
University of New Mexico, Albuquerque, NM, 1995

Fellowships
UC San Diego, San Diego, CA, 1996

Board Certifications
American Board of Radiology, 1995

Professional Memberships
American Roentgen Ray Society
International Skeletal Society
Radiological Society of North America
Society of Skeletal Radiology

Select Recent Publications
Yao L, Stanczak J, Boutin RD. Presumptive subarticular stress reactions of the knee: MRI detection and association with meniscal tear patterns. *Skeletal Radiol.* 2004 May;33(5):260-4. Epub 2004 Mar 4.
Boutin RD, Januario JA, Newberg AH, Gundry CR, Newman JS. MR imaging features of osteochondritis dissecans of the femoral sulcus. *AJR Am J Roentgenol.* 2003 Mar;180(3):641-5.
Sirlin CB, Boutin RD, Brossmann J, Pathria MN, Convery FR, Bugbee W, Resnick D. Polydioxanone biodegradable pins in the knee: MR imaging. *AJR Am J Roentgenol.* 2001 Jan;176(1):83-90.
Sirlin CB, Brossmann J, Boutin RD, Pathria MN, Convery FR, Bugbee W, Deutsch R, Lebeck LK, Resnick D. Shell osteochondral allografts of the knee: comparison of mr imaging findings and

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immunologic responses. *Radiology*. 2001 Apr;219(1):35-43.

Hauger O, Chung CB, Lektrakul N, Botte MJ, Trudell D, Boutin RD, Resnick D. Pulley system in the fingers: normal anatomy and simulated lesions in cadavers at MR imaging, CT, and US with and without contrast material distention of the tendon sheath. *Radiology*. 2000 Oct;217(1):201-12.

Hauger O, Frank LR, Boutin RD, Lektrakul N, Chung CB, Haghighi P, Resnick D. Characterization of the "red zone" of knee meniscus: MR imaging and histologic correlation. *Radiology*. 2000 Oct; 217(1):193-200.

Kakitsubata Y, Boutin RD, Theodorou DJ, Kerr RM, Steinbach LS, Chan KK, Pathria MN, Haghighi P, Resnick D. Calcium pyrophosphate dihydrate crystal deposition in and around the atlantoaxial joint: association with type 2 odontoid fractures in nine patients. *Radiology*. 2000 Jul;216(1):213-9.

Muhle C, Ahn JM, Yeh L, Bergman GA, Boutin RD, Schweitzer M, Jacobson JA, Haghighi P, Trudell DJ, Resnick D. Iliotibial band friction syndrome: MR imaging findings in 16 patients and MR arthrographic study of six cadaveric knees. *Radiology*. 1999 Jul;212(1):103-10.

Sciulli RL, Boutin RD, Brown RR, Nguyen KD, Muhle C, Lektrakul N, Pathria MN, Pedowitz R, Resnick D. Evaluation of the postoperative meniscus of the knee: a study comparing conventional arthrography, conventional MR imaging, MR arthrography with iodinated contrast material, and MR arthrography with gadolinium-based contrast material. *Skeletal Radiol*. 1999 Sep;28(9):508-14.

de la Puente R, Boutin RD, Theodorou DJ, Hooper A, Schweitzer M, Resnick D. Post-traumatic and stress-induced osteolysis of the distal clavicle: MR imaging findings in 17 patients. *Skeletal Radiol*. 1999 Apr;28(4):202-8.

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