

SETH D. DODDS, M.D.

**Assistant Professor, Hand and Upper Extremity Surgery
Department of Orthopaedics and Rehabilitation
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EDUCATION

MCP•Hahnemann School of Medicine Degree: M.D. 2000	Philadelphia, PA
Duquesne University Post Baccalaureate Pre-Medical Program: 1995	Pittsburgh, PA
Yale University Degree: B.A. (History of Art) 1994	New Haven, CT

PROFESSIONAL EXPERIENCE

Assistant Professor

Hand and Upper Extremity Surgery
Department of Orthopaedics and Rehabilitation
Yale University
New Haven, CT
08/2006 –

Hand and Microvascular Surgery Fellowship

University of Washington and Harborview Hospital
Department of Orthopaedics and Sports Medicine
Seattle, WA
08/2005 – 07/2006

Orthopaedic Surgery Residency

Yale New-Haven Hospital
Yale University School of Medicine, Department of Orthopaedics and Rehabilitation
New Haven, CT
07/2000 – 06/2005

Research Associate

Biomechanics Laboratory
Yale University School of Medicine, Department of Orthopaedics and Rehabilitation
01/1999 – 01/2000

Head Program Director

Robin Hood Camp
Sargentville, ME
Summer 1996

Assistant Director

Summers 1991-1995

RESEARCH EXPERIENCE

Grants:

Berdia S, **Dodds SD**, Wolfe SW, Panjabi MM: Distraction Induced Changes in Carpal Kinematics and Neutral Zone: A Marker of Subfailure Ligament Injury. Orthopaedic Research and Education Foundation Grant, 1999.

Publications:

Dodds SD. A flexor carpi radialis brevis muscle with an anomalous origin on the distal radius. *J Hand Surg [Am]* 2006;31(9):1507-1510.

Miki RA, Rubin LE, Kirk J, **Dodds SD**. Spontaneous septic arthritis caused by Burkholderia cepacia. *Iowa Orthop J* 2006;26:147-150.

Slade JF 3rd, **Dodds SD**. Minimally invasive management of scaphoid nonunions. *Clin Orthop Relat Res* 2006;445:108-119.

Dodds SD and Trumble TE. Management of Complications Related to Carpal Tunnel Release. *Techniques in Orthopaedics* 2006; 21(1):75-83.

Dodds SD, Panjabi MM, Slade JF 3rd. Screw fixation of scaphoid fractures: a biomechanical assessment of screw length and screw augmentation. *J Hand Surg [Am]* 2006; 31(3):405-413.

Dodds SD, Baumgaertner MB: The Sliding Hip Screw. *Current Opinions in Orthopaedics* 2004;15(1):12-17.

Dodds SD, Panjabi MM, Daigneault JP: Radiofrequency probe treatment for subfailure ligament injury: a biomechanical study of rabbit ACL. *Clinical Biomechanics* 2004;19(2):175-183.

Atlas OK, **Dodds SD**, MM Panjabi: Single and incremental trauma models: a

biomechanical assessment of spinal instability. *Eur Spine J* 2003;12(2):205-210.

Dodds SD, Wolfe SW: Injuries to the pectoralis major. *Sports Med* 2002;32(14):945-952.

Higgins TF, **Dodds SD**, Wolfe SW: A biomechanical analysis of fixation of intra-articular distal radial fractures with calcium-phosphate bone cement. *J Bone Joint Surg Am* 2002;84(9):1579-1586.

Dodds SD, Cornelissen S, Jossan S, Wolfe SW: A biomechanical comparison of fragment-specific fixation and augmented external fixation for intra-articular distal radius fractures. *J Hand Surg [Am]* 2002;27(6):953-964.

Dodds SD, Wolfe SW: Perinatal Brachial Plexus Palsy. *Current Opinions in Pediatrics* 2000;12(1):40-47.

Berdia S, Panjabi MM, Cripton P, **Dodds SD**, Baynes J, Wolfe SW: External Fixation of the Wrist; Using Neutral Zone as a Marker for Overdistraction. *J Hand Surg [Am]*. Submitted.

Paper Presentations:

Dodds SD, Panjabi MM, Slade JF, III: Percutaneous Fixation of Scaphoid Fractures: A Biomechanical Assessment of Screw Size and Screw Augmentation. American Society for Surgery of the Hand, Residents and Fellows Conference, 2004.

Dodds SD, Higgins T, Wolfe SW: A Biomechanical Analysis of Calcium Phosphate Bone Cement Versus Augmented External Fixation for Intra-articular Distal Radius Fractures. New England Hand Society, 1999.

Dodds SD, Panjabi MM, Daigneault J, Wang JL: Radiofrequency Probe Treatment for Subfailure Ligament Injury: A Biomechanical Analysis of Rabbit ACL. Orthopaedic Research Society, 2000.

Jossan S, **Dodds SD**, Wolfe SW: Mini-plate System Fixation with Wire-form Buttress vs. Augmented External Fixation in Complex Intra-articular Distal Radius Fractures. American Society for Surgery of the Hand, 2000.

Dodds SD, Higgins T, Wolfe SW: A Biomechanical Analysis of Norian SRS in an Intra-Articular Distal Radius Fracture Model. American Society for Surgery of the Hand, 2000.

Poster Presentations:

Berdia S, Panjabi MM, Cripton P, **Dodds SD**, Baynes J, Wolfe SW: External Fixation of the Wrist; Using Neutral Zone as a Marker for Overdistraction. Orthopaedic Research Society, 2001.

Educational Course or Meeting Lectures

Doctors Demystify the Wrist June 3, 2006 at Harborview Hospital

Wrist Anatomy

Acute Wrist Ligament Injuries

Crucial Elements in Hand Surgery May 13, 2006, an ASSH Sponsored Course at the University of Washington

Injection Techniques in Hand Surgery

Grand Rounds, Yale University Department of Orthopaedics and Rehabilitation

Jan 30, 2004

Assessing Scaphoid Fracture Fixation Stability

Grand Rounds, Yale University Department of Orthopaedics and Rehabilitation

May 2, 2003

Controversies in the Management of Humeral Shaft Fractures

RESIDENCY DISTINCTIONS

Residency Education Curriculum Committee	07/2003 – 06/2005
AOA Resident Leadership Meeting	06/2004
Chief Resident, Clinical Instructor	07/2004 – 06/2005

PROFESSIONAL SKILLS

Medical: -Certified as an EMT-basic,
National certification and state of Pennsylvania (1995).
Outdoors: -Certified as a Maine Trip Leader and River Guide (1989-1995).

INTERESTS

Architecture, Cooking, Skiing, Sailing, and Carpentry.