

CURRICULUM VITAE

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PART I: General Information

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Place of Birth: San Diego, California; U. S. A.

Education:

1989 B.S. (Physics), Magna cum laude, U. Of California, San Diego
1989 B.S. (Biochemistry and Cell Biology), Magna cum laude, U. Of
California, San Diego
1993 M.D., U. Of California, San Diego
2006 PH.D. (Psychosocial Aspects of Arm Pain), University of Amsterdam

Postdoctoral Training:

1993-1994 Intern in General Surgery, Massachusetts General Hospital
1994-1998 Harvard Combined Orthopaedic Residency, Orthopaedic Surgery,
Harvard Medical School
1999 Chief Resident in Orthopaedic Surgery, Beth Israel Deaconess Medical
Center (East)
1999-2000 Fellow in Hand and Microvascular Surgery, Massachusetts General
Hospital
2000 Design and Conduct of Clinical Trials, Massachusetts General Hospital
2004 Harvard Leadership Development Course, Harvard Medical School
2004 Leadership Development Course, American Society for Surgery of the
Hand
2006 Communication and Performance Improvement, Tufts University
School of Medicine

Licensure and Certification:

1997 Massachusetts Board of Registration in Medicine
2002 American Board of Orthopaedic Surgery
2003 Certificate of Added Qualification--Hand Surgery
2003 Fellow, American Academy of Orthopaedic Surgeons

Academic Appointments:

- 1993-1994 Clinical Fellow in Surgery, Surgery-Massachusetts General Hospital, Boston, MA
- 1994-1998 Clinical Fellow in Orthopedic Surgery, Orthopedic Surgery-MGH, Boston, MA
- 1998-2000 Clinical Fellow in Orthopedic Surgery, Orthopedic Surgery - Consolidated, Boston, MA
- 1999 Clinical Instructor in Orthopedic Surgery, Orthopedic Surgery, Beth Israel-Deaconess, Boston, MA
- 2000-2002 Instructor in Orthopedic Surgery, Orthopedic Surgery - Consolidated, Boston, MA
- 2000-2004 Instructor in Orthopedic Surgery, Orthopedic Surgery-Partners Consolidated, Boston, MA
- 2005- Assistant Professor of Orthopedic Surgery, Massachusetts General Hospital, Boston, MA

Hospital or Affiliated Institution Appointments:

- 01/99-06/99 Attending Orthopaedic Surgeon, Beth Israel Deaconess Medical Center (East), Boston, MA
- 08/99- Assistant In Orthopaedic Surgery, Massachusetts General Hospital, Boston, MA

Hospital and Health Care Organization Clinical Service Responsibilities:

- 1999 Attending Surgeon in Orthopaedic Surgery, Beth Israel Deaconess Medical Center (East)
- 1999- Attending Surgeon in Orthopaedic Surgery, Massachusetts General Hospital

Major Committee Assignments:**HMS / HSDM**

- 2000-2005 Harvard Medical School Orthopaedic Medical Student Education Committee, Harvard Medical School
- 2003-2006 Harvard Combined Orthopaedic Residency Selection Committee, Harvard Medical School
- 2006 Honors Thesis Committee--Kanu Okike, Harvard Medical School

Affiliated Inst

- 2001- MGH PCAC Committee, Massachusetts General Hospital
- 2001- MGH Department of Orthopaedic Surgery, Quality Assurance

- 2001- Committee [Chairperson], Massachusetts General Hospital
MGH Department of Orthopaedic Surgery, Primary Care Observership,
Massachusetts General Hospital
- 2001 MGH Department of Orthopaedic Surgery, Pediatric Search Committee,
Massachusetts General Hospital
- 2001 MGH Department of Orthopaedic Surgery, Trauma Search Committee,
Massachusetts General Hospital
- 2001 Internal Review of Plastic Surgery Hand Fellowship, Massachusetts
General Hospital
- 2001-2002 MGH Department of Orthopaedic Surgery, Web Site Committee,
Massachusetts General Hospital
- 2002-2004 MGH Department of Orthopaedic Surgery, Foot Search Committee,
Massachusetts General Hospital
- 2003-2004 MGH Department Orthopaedic Surgery, Hand Search Committee,
Massachusetts General Hospital
- 2004 ABC Travelling Fellows--Local Organizer [Chairperson],
Massachusetts General Hospital
- 2004 Free Care Committee, Massachusetts General Hospital
- 2006- MGH Department of Orthopaedic Surgery, Morbidity and Mortality
Committee, Massachusetts General Hospital
- 2006- MGH Department of Orthopaedic Surgery, Hand Washing Committee,
Massachusetts General Hospital
- 2007- MGH Orthopaedic Billing Oversight Committee, Massachusetts General
Hospital

Regional

- 2003 Annual Program Committee, Eastern Orthopaedic Association
- 2005-2007 New England Hand Society, Executive Committee, New England Hand
Society
- 2006 New England Hand Society Program Committee, New England Hand
Society
- 2007- Kilfoyle Award Committee [Chairperson], New England Orthopaedic
Society
- 2007- New England Hand Society, Executive Committee, New England Hand
Society

National

- 2004-2005 Self-Assessment Exam Committee, American Society for Surgery of the
Hand
- 2005- ABOS--Written Exam, Question Writing Task Force, American Board
of Orthopaedic Surgery
- 2005 ABOS--Written Exam, Field Test Task Force, American Board of

- Orthopaedic Surgery
- 2005-2006 ASSH Self-Assessment Exam Task Force, American Society for Surgery of the Hand
- 2005-2007 Journals Editorial Committee, American Society for Surgery of the Hand
- 2005-2006 Self-Assessment Exam Committee, American Society for Surgery of the Hand
- 2006- Self-Assessment Exam Committee, American Society for Surgery of the Hand
- 2007- ASSH Electronic Education Task Force, American Society for Surgery of the Hand

International

- 2003-2005 Annual Program Committee, Orthopaedic Trauma Association

Professional Societies:

- 1989- American Medical Association, Member
- 1989-1993 California Medical Association, Member
- 1993- Massachusetts Medical Society, Member
- 1994- American Academy of Orthopaedic Surgeons, Member
- 1999- American Society for Surgery of the Hand, Member
- 2001- Eastern Orthopaedic Association, Member
- 2001- New England Orthopaedic Society, Member
- 2001- Orthopaedic Trauma Association, Member
- 2002- New England Hand Society, Member
- 2003- American Academy of Orthopaedic Surgery, Fellow
- 2003- New England Shoulder and Elbow Surgeons, Member
- 2005- American Shoulder and Elbow Surgeons, Member
- 2006- New Millenium Hand Club, Member
- 2007- American Orthopaedic Association, Member

Community Service Related to Professional Work:

- 1988-1989 Volunteer, Emergency Ward and Operating Room, UCSD Medical Center
- 1989-1990 Translator, Medical Assistant, The Flying Samaritans
- 1990-1991 Volunteer; Pediatric Orthopaedic Clinic in Tijuana, Mexico , Children's Hospital, San Diego
- 1999- Charity Orthopaedic Provider, Massachusetts General Hospital
- 2005 Sponsor of Latino High School Student, American Society for Surgery of the Hand
- 2007-2008 Mentor, Harvard Medical School Minority Mentorship Program

Editorial Boards:

1999 Editor-in-Chief, The Harvard Orthopaedic Journal
2000- Editorial Board, Orthopaedic Care
2000- Editorial Board, Journal of Surgical Orthopaedic Advances
2001-2004 Editorial Board, AO Recommended Literature
2002- Reviewer, The Journal of Bone and Joint Surgery
2002- Deputy Editor for Hand, Journal of Orthopaedic Trauma
2002- Reviewer, Journal of Orthopaedic Trauma
2003- Editorial Board, Biomed Central
2003- Reviewer, Clinical Orthopaedics and Related Research
2003- Reviewer, J Postgraduate Medicine
2003- Reviewer, American Family Physician
2003- Editorial Board, Orthopaedic Trauma Journal Club
2003- Editorial Board, Orthopaedic Trauma Directions
2004- Reviewer, Journal of Hand Surgery
2004 Reviewer, World Journal of Surgical Oncology
2004 Reviewer, Acta Paediatrica
2005- Reviewer, Journal of Orthopaedic Research
2007- Reviewer, Indian Journal of Orthopaedics
2007- Ad-Hoc Reviewer, Clinical Medicine and Research
2007- Ad-Hoc Reviewer, J Hand Therapy
2007- Overseas Advisory Board, Indian Journal of Orthopaedics
2007- Associate Editor for Scientific Content, Journal of Hand Surgery
2008- Deputy Editor for Review Content, Journal of Hand Surgery

Awards and Honors:

1989 Phi Beta Kappa, U. Of California, San Diego
1989 Magna Cum Laude, U. Of California, San Diego
1994 Honorary Mention--American College of Surgeons Resident Trauma Paper Competition, American College of Surgeons
1997 Kilfoyle Award, New England Orthopaedic Society
1998 Kilfoyle Award, New England Orthopaedic Society
1999 Harvard Orthopaedic Journal, Editor's Award, Harvard Combined Orthopaedic Residency Program
1999 Henry W. Meyerding Award, American Fracture Association
2001 Partners in Excellence Award, Partners Healthcare
2004 Award for Outstanding Research in Orthopaedic Surgery, The International Board of Shoulder Surgery
2004 Partners in Excellence Award, Partners Healthcare
2005 ABC Exchange Fellowship, American Orthopaedic Association
2005 Best Poster Layout and Presentation, American Society for Surgery of the Hand
2006 Mel Post Award for Excellence in Clinical Research, American Shoulder and Elbow Surgeons
2006 Top 10 Paper of the Annual OTA Meeting, Orthopaedic Trauma Association

2007	Kilfoyle Award, New England Orthopaedic Society
2007	Partners in Excellence Award, Massachusetts General Hospital
2007	Best Clinical Poster, Orthopaedic Trauma Association
2008	Nominee for HMS Excellence in Mentoring Award, Harvard Medical School

Part II: Research, Teaching, and Clinical Contributions

A. Narrative report of Research, Teaching, and Clinical Contributions

As the Director of Research for the Hand and Upper Extremity Service, Department of Orthopaedic Surgery, Massachusetts General Hospital, I coordinate all of the clinical and basic science research projects on our service. I am the co-principal investigator on an unrestricted research grant from the AO Foundation, the principal investigator on an NAF Dutch-U.S. collaborative education/research grant, and the principal investigator on five additional sizable grants from industry. I oversee the activities of one or two full-time research assistants, and several part-time fellow, resident, and student researchers including 2 to 4 clinical PhD students. Our current research activities are focused on upper extremity trauma and post-traumatic reconstruction, common hand problems, and psychosocial factors in upper extremity illness. I'm helping a steady stream of students from the Netherlands to earn a clinical PhD degree (the equivalent of which does not exist in the United States). Our research group is busy and productive as evidenced by the bibliography section of this CV.

I participate in and help organize the numerous weekly conferences of the Hand Surgery Service. These include a daily hand surgery core knowledge lecture/discussion series; Monday morning operative indications conference; Tuesday morning review of the week's cases; Wednesday morning Grand Rounds; Thursday morning sawbones bioskills activity or microvascular surgery laboratory (alternating on a weekly basis); Friday morning combined core knowledge conference with the Plastic Surgical Hand Service; occasional Saturday morning anatomy dissection; and discussions after each day's office session. In addition, I directly instruct and supervise fellows, residents, interns, and medical students in the operating room and office setting. I am also a resource for teaching for the Orthopaedic Trauma Service. As a member of our medical student teaching committee I have helped organize and create a teaching program and participate regularly in direct teaching contacts. I help organize and run the MGH Orthopaedic Department's Morbidity and Mortality conference. I also participate extensively worldwide as an invited lecturer and visiting professor.

I have a busy hand surgical practice and also serve as the primary consultant for the orthopaedic trauma service regarding complex upper extremity injuries. I see about 500 patients a month and perform between 50 and 70 surgeries every month. I take 6 days a month of hand trauma call and am available at all times to help the orthopaedic trauma service care for patients with complex traumatic injuries of the upper extremity. Between 5 and 10% of my practice each year is charity or "free care"

B. Funding Information

1997	Co-P.I., AO North America, Elbow Fractures--Long Term Outcome
1999-2007	Co-P.I., AO Foundation, AO Foundation Grant
2000-2001	Co-P.I., Grundberg Fund, Management of Osteoporotic Bone in the Treatment of Upper Limb Fractures and Nonunions
2001	P.I., Harvard Medical School, Office of Enrichment, Health Status After Elbow Contracture Release
2001	Co-P.I., Harvard Medical School, Office of Enrichment, Post-traumatic Radial Club Hand Deformity
2003-	P.I., Joint Active Systems, Inc. , Clinical Trial: Static vs. Dynamic Splinting for Post-traumatic Elbow Stiffness
2004-2008	Co-P.I., Company, Biomet Discovery Elbow, Prospective Outcome Study: Biomet Discovery Elbow
2005-	P.I., Wright Medical, Inc. , Wright Medical Unrestricted Research Gift
2006-	P.I., Industry Grant, Smith and Newpew Unrestricted Research Gift
2006-2010	P.I., Foundation, NAF Education Grant, NAF Education Gift
2006-2008	P.I., Small Bone Innovations, Inc. , Unrestricted Research Gift
2007-	P.I., Acumed, Inc., Unrestricted Research Gift
2007-	P.I. Tornier, Inc., Unrestricted Research Gift

D. Report of Teaching

1. Local contributions

a. Medical School Courses

1999-	<u>Spaulding Rehabilitation Hospital, Rehabilitation and Physical Medicine Residency, CORE Lectures on Upper Extremity</u>			
	Lecturer	25 Resident	<i>contact time</i> 1 hours/year for 4 year(s)	<i>Prep time</i> 10 hours/year for 4 year(s)
2000-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Forearm Fractures</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2000-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Elbow Fractures</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2000-2005	<u>SU600M.23 Core Clerkship in Surgery</u>			

	Lecturer	50 Medical Students	<i>contact time</i> 8 hours/year for 1 year(s)	<i>prep time</i> 4 hours/year for 1 year(s)
	Helped develop the program	50 Medical Students	none reported	50 hours/year for 1 year(s)
2001-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Hand Fractures</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2001-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Shoulder Fractures</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2001	<u>Physical Therapy CORE Curriculum</u>			
	Lecturer	30 Graduate Students	<i>contact time</i> 2 hours/year for 1 year(s)	<i>prep time</i> 10 hours/year for 1 year(s)
2002-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Total Elbow Arthroplasty</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2002-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Hand Surgery</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)
2003-	<u>Tufts Medical Student Observership</u>			
	Preceptor	4 Medical Students	<i>contact time</i> 160 hours/year for 1 year(s)	<i>prep time</i> none reported
2003-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Athletic Injuries of the Elbow</u>			
	Lecturer	50 Resident	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> 25 hours/year for 1 year(s)

2003-	<u>Harvard Combined Orthopaedic Residency--Anatomy CORE Forearm, Wrist, and Hand</u>			
	Conference Leader	60 Resident	<i>contact time</i> 6 hours/year for 1 year(s)	<i>prep time</i> 40 hours/year for 1 year(s)
2003-	<u>Spaulding Physical Medicine and Rehabilitation Residency: Examination of the Hand</u>			
	Lecturer	30 Resident	<i>contact time</i> 2 hours/year for 1 year(s)	<i>prep time</i> 20 hours/year for 1 year(s)
2004-	<u>Harvard Combined Orthopaedic Residency CORE Lectures--Research</u>			
	Lecturer	50 Resident	<i>contact time</i> 1 hours/year for 1 year(s)	<i>prep time</i> 10 hours/year for 1 year(s)
2005	<u>Honors Thesis Defense--Lewis Shi</u>			
2006-	<u>IN709M.Jb Patient-Doctor Year II - Introduction to Clinical Medicine</u>			
	Examiner	16 Medical Students	<i>contact time</i> 3 hours/year for 1 year(s)	<i>prep time</i> none reported
2006-	<u>ME726M.0 Spirituality and Healing in Medicine</u>			
	Lecturer	30 Medical Students	<i>contact time</i> 1 hours/year for 1 year(s)	<i>prep time</i> 10 hours/year for 1 year(s)
2007-	<u>IN709M.Ja Patient-Doctor Year I</u>			
	Conference Leader	10 Medical Students	<i>contact time</i> 2 hours/year for 1 year(s)	<i>prep time</i> 2 hours/year for 1 year(s)
2007	<u>Honors Thesis Defense--Kanu Okike</u>			
	b. Graduate Medical Courses			
1999-	<u>Combined Orthopaedic-Plastic Core Hand Lectures</u>			
	Conference Leader	50 Medical Students 100 Residents 6 Other Students	<i>contact time</i> 48 hours/year for 1 year(s)	<i>prep time</i> 10 hours/year for 1 year(s)
1999-	<u>Hand Surgery Indications Conference</u>			

	Attending	8 Medical Students 20 Residents 4 Other Students	<i>contact time</i> 25 hours/year for 1 year(s)	<i>prep time</i> none reported
2000-	<u>Hand Surgery Core Lectures</u>			
	Attending	8 Medical Students 20 Residents 4 Other Students	<i>contact time</i> 50 hours/year for 1 year(s)	<i>prep time</i> 20 hours/year for 1 year(s)
2001-	<u>MGH Fracture Conference</u>			
	Conference participant	5 Medical Students 10 Residents 3 Other Students	<i>contact time</i> 40 hours/year for 1 year(s)	<i>prep time</i> none reported
2002-	<u>OTA Residents Basic Fracture Course</u>			
	Lecturer	150 Residents	<i>contact time</i> 4 hours/year for 1 year(s)	<i>prep time</i> 20 hours/year for 1 year(s)
2003-	<u>Combined Trauma-Hand Arm Trauma Conference</u>			
	Lecturer	30 Medical Students 70 Residents 10 Other Students	<i>contact time</i> 12 hours/year for 1 year(s)	<i>prep time</i> 20 hours/year for 1 year(s)
	Advisor/Participant	30 Medical Students 70 Residents 10 Other Students	12 hours/year for 1 year(s)	none reported
2005	<u>Hand and Wrist Injuries in Sports</u>			
	Lecturer	20 Residents	<i>contact time</i> 1 hours/year for 1 year(s)	<i>prep time</i> 10 hours/year for 1 year(s)

c. Local Invited Presentations

Grand Rounds

- 2000 Traumatic Elbow Instability, Harvard Medical School
Lecturer: 120 participants, 1 hour contact time per year,
30 hours prep time per year
- 2002 Developments in Elbow Trauma and Reconstruction, Harvard Medical
School
Lecturer: 120 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Developments in Elbow Trauma and Reconstruction, Tufts, New
England Medical Center
Lecturer: 25 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Developments in Elbow Trauma and Reconstruction, Massachusetts
General Hospital
Lecturer: 30 participants, 1 hour contact time per year,
10 hours prep time per year
- 2005 Fractures of the Distal Radius, Tufts Medical School/ New England
Medical Center
Lecturer: 0 participants, 1 hour contact time per year,
10 hours prep time per year
- 2007 NEJM CPC, Massachusetts General Hospital
Lecturer: 100 participants, 1 hour contact time per year,
5 hours prep time per year

Seminar

- 1999 Common Hand and Upper Extremity Problems, Spaulding
Rehabilitation Hospital
Lecturer: 25 participants, 3 hours contact time per year,
20 hours prep time per year
- 2000 Forearm Fractures, Harvard Medical School
Lecturer: 45 participants, 1.5 hours contact time per year,
13 hours prep time per year
- 2000 Elbow Fractures, Harvard Medical School
Lecturer: 45 participants, 1.5 hours contact time per year,
13 hours prep time per year

- 2001 Intra-articular Fractures of the Metacarpals and Phalanges, Harvard Medical School
Lecturer: 45 participants, 1 hour contact time per year, 15 hours prep time per year
- 2001 Extra-articular Fractures of the Metacarpals and Phalanges, Harvard Medical School
Lecturer: 45 participants, 1 hour contact time per year, 15 hours prep time per year
- 2001 Common hand and arm problems, Spaulding Rehabilitation Hospital
Lecturer: 30 participants, 4 hours contact time per year, 10 hours prep time per year
- 2001 Forearm Fractures, Massachusetts General Hospital
Lecturer: 40 participants, 1 hour contact time per year, 10 hours prep time per year
- 2001 History of Fracture Treatment, Massachusetts General Hospital
Lecturer: 40 participants, 1 hour contact time per year, 10 hours prep time per year
- 2001 Lateral Epicondylitis, Massachusetts General Hospital
Lecturer: 15 participants, 1 hour contact time per year, 5 hours prep time per year
- 2001 Peripheral Neuropathy, Harvard University
Lecturer: 30 participants, 2 hours contact time per year, 10 hours prep time per year
- 2001 Clavicle and shoulder girdle injuries, Harvard Medical School
Lecturer: 50 participants, 2 hours contact time per year, 20 hours prep time per year
- 2002 Total Elbow Arthroplasty, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year, 10 hours prep time per year
- 2002 OITE review questions--elbow, Harvard Medical School
Lecturer: 50 participants, 4 hours contact time per year, 20 hours prep time per year
- 2002 OITE Review Questions--Forearm and Distal Radius, Harvard Medical School
Lecturer: 50 participants, 4 hours contact time per year, 20 hours prep time per year

- 2002 Rehabilitation of the Upper Extremity, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2002 Tendon, Bone and Ligament Healing, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2003 Tumors and Infections, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2003 OITE Questions--Hand, Harvard Medical School
Lecturer: 50 participants, 2 hours contact time per year,
10 hours prep time per year
- 2003 Tendon Transfers, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2003 Dr. Jupiter's Impact on Elbow Trauma, Massachusetts General Hospital
Lecturer: 140 participants, 1 hour contact time per year,
10 hours prep time per year
- 2003 Athletic Injuries of the Elbow, Massachusetts General Hospital
Lecturer: 25 participants, 1 hour contact time per year,
30 hours prep time per year
- 2003 Common Hand and Upper Extremity Problems, Spaulding
Rehabilitation Hospital
Lecturer: 25 participants, 2 hours contact time per year,
10 hours prep time per year
- 2003 Hand Examination, Spaulding Rehabilitation Hospital
Lecturer: 25 participants, 2 hours contact time per year,
20 hours prep time per year
- 2003 Elbow Injuries in Athletes, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2003 Elbow Arthroscopy, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year

- 2003 Clavicle Fractures and AC Joint Injuries, Harvard Medical School
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Carpal injuries, Harvard Medical School
Lecturer: 45 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Flexor tendon injuries, Harvard Medical School
Lecturer: 45 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Total elbow arthroplasty, Harvard Medical School
Lecturer: 45 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Advances in Hand and Upper Limb Surgery, Massachusetts General
Hospital
Lecturer: 60 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Decision Analysis for 3- and 4-part fractures of the proximal humerus,
Massachusetts General Hospital
Lecturer: 50 participants, 1 hour contact time per year,
10 hours prep time per year
- 2004 Getting a research project done--the attending's perspective, Harvard
Medical School
Lecturer: 45 participants, 1 hour contact time per year,
10 hours prep time per year
- 2005 Common Hand and Wrist Problems, Massachusetts General Hospital
Lecturer: 20 participants, 1 hour contact time per year,
10 hours prep time per year
- 2005 Getting a research project done--the attending's perspective, Harvard
Medical School
Lecturer: 45 participants, 1 hour contact time per year,
10 hours prep time per year
- 2006 Elbow and hand arthritis, Harvard Combined Orthopaedic Residency
Lecturer: 35 participants, 1 hour contact time per year,
10 hours prep time per year
- 2006 Elbow Fractures, Harvard Combined Orthopaedic Residency
Lecturer: 35 participants, 1 hour contact time per year, no prep time

reported

- 2006 Science and Psychology in Hand Surgery, Brigham and Women's Hospital
Lecturer: 100 participants, 1 hour contact time per year, no prep time reported
- 2007 Total elbow arthroplasty, Harvard Medical School
Lecturer: 0 participants, 1 hour contact time per year, 6 hours prep time per year
- 2007 Science and Psychology in Hand Surgery, Harvard Medical School
Lecturer: 100 participants, 1 hour contact time per year, no prep time reported
- 2007 Regaining Elbow and Forearm Motion After Trauma, New England Hand Therapists
Lecturer: 25 participants, 1 hour contact time per year, 2 hours prep time per year

d. Continuing Medical Education Courses

- 2001 AO Nurses Course
Lecturer: 45 participants, 2 hours contact time per year, 20 hours prep time per year
- 2001 AO Upper Extremity Course
Lecturer: 200 participants, 4 hours contact time per year, 60 hours prep time per year
Moderator, lab assistant: 200 participants, 4 hours contact time per year, 4 hours prep time per year
- 2002 New England Trauma Summit
Lecturer: 60 participants, 1 hour contact time per year, 30 hours prep time per year
Participant-group discussion: 60 participants, 12 hours contact time per year, 5 hours prep time per year
- 2002 AAOS Annual Meeting
Lecturer: 400 participants, 5 hours contact time per year, 40 hours prep time per year
- 2002 AO Hand Course--Miami, Florida
Lab Leader and Faculty: 150 participants, 24 hours contact time per year, 5 hours prep time per year

- 2002 OTA Annual Meeting
Panel--case discussions: 50 participants, 1 hour contact time per year,
5 hours prep time per year
- 2002 Elbow Arthroscopy, Fractures, Instability, and Stiffness
Lecturer: 200 participants, 2 hours contact time per year,
30 hours prep time per year
Lab Preceptor: 200 participants, 20 hours contact time per year, no prep
time reported
- 2003 New England Trauma Summit
Lecturer: 60 participants, 1 hour contact time per year,
15 hours prep time per year
Discussion: 60 participants, 12 hours contact time per year,
5 hours prep time per year
- 2003 ASSH Specialty Day Program
Lecturer: 400 participants, 1 hour contact time per year,
15 hours prep time per year
- 2003 AAOS Annual Meeting
Lecturer: 300 participants, 1 hour contact time per year,
15 hours prep time per year
- 2003 AO Upper Extremity Course
Lecturer: 200 participants, 4 hours contact time per year,
50 hours prep time per year
Discussor, lab assistant: 200 participants, 4 hours contact time per year,
40 hours prep time per year
- 2003 ASSH Annual Meeting
Lecturer: 150 participants, 1 hour contact time per year,
10 hours prep time per year
Moderator--case reviews: 150 participants, 1 hour contact time per year,
15 hours prep time per year
- 2003 OTA Annual Meeting
Lecturer: 50 participants, 1 hour contact time per year,
20 hours prep time per year
Lab assistant: 50 participants, 1 hour contact time per year,
5 hours prep time per year
- 2003 OTA Resident's Basic Fracture Course
Lecturer: 50 participants, 1 hour contact time per year,
20 hours prep time per year
Lab assistant: 50 participants, 2 hours contact time per year,

- 5 hours prep time per year
- 2003 Elbow Arthroscopy, Fractures, Instability, and Stiffness
Lecturer: 200 participants, 2 hours contact time per year,
30 hours prep time per year
Lab Preceptor: 200 participants, 20 hours contact time per year,
10 hours prep time per year
- 2004 New England Trauma Summit
Lecturer: 50 participants, 1 hour contact time per year,
15 hours prep time per year
Discussor: 50 participants, 12 hours contact time per year,
5 hours prep time per year
- 2004 NESES Annual Meeting
Lecturer: 50 participants, 2 hours contact time per year,
25 hours prep time per year
Discussor: 50 participants, 6 hours contact time per year,
5 hours prep time per year
- 2004 AAOS Annual Meeting
Lecturer: 0 participants, 2 hours contact time per year,
30 hours prep time per year
- 2004 AAOS Techniques in Orthopaedic Trauma
Lecturer: 150 participants, 2 hours contact time per year,
30 hours prep time per year
Discussor/ lab leader: 150 participants, 15 hours contact time per year,
5 hours prep time per year
- 2004 AO Advanced Fracture Management
Lecturer: 100 participants, 3 hours contact time per year,
30 hours prep time per year
Lab assistant, discussor: 100 participants,
10 hours contact time per year, 5 hours prep time per year
- 2004 ASSH Annual Meeting
Lecturer: 1000 participants, 2 hours contact time per year,
30 hours prep time per year
- 2004 Elbow Arthroscopy, Fractures, Instability, and Stiffness
Lecturer: 200 participants, 2 hours contact time per year,
30 hours prep time per year
Lab Preceptor: 200 participants, 20 hours contact time per year,
5 hours prep time per year

- 2005 ASSH Annual Meeting
Lecturer: 220 participants, 2 hours contact time per year,
20 hours prep time per year
- 2005 Elbow Arthroscopy, Fractures, Instability, and Stiffness
Lecturer: 200 participants, 2 hours contact time per year,
30 hours prep time per year
Lab Assistant: 200 participants, 20 hours contact time per year, no prep
time reported
- 2005 Annual Meeting of the Orthopaedic Trauma Association
Conference Leader: 30 participants, 1 hour contact time per year,
10 hours prep time per year
Moderator: 30 participants, 1 hour contact time per year,
10 hours prep time per year
- 2005 AAOS Fractures of the Proximal Humerus
Lecturer: 100 participants, 3 hours contact time per year, no prep time
reported
Laboratory Assistant: 100 participants, 2 hours contact time per year,
5 hours prep time per year
- 2005 New England Hand Society Annual Meeting
Conference Leader: 200 participants, 1 hour contact time per year,
5 hours prep time per year
Panel participant: 200 participants, 1 hour contact time per year,
5 hours prep time per year
- 2006 AO/ASIF New England Regional Trauma Summit
Lecturer: 50 participants, 1 hour contact time per year,
2 hours prep time per year
Participant in case discussion: 50 participants,
18 hours contact time per year, 3 hours prep time per year
- 2006 Annual Meeting of the New England Shoulder and Elbow Surgeons
Conference Leader: 65 participants, 4 hours contact time per year,
5 hours prep time per year
Lecturer: 65 participants, 1 hour contact time per year,
5 hours prep time per year
- 2006 AO Hand Course--Guatemala City, Guatemala
Conference Leader: 0 participants, 8 hours contact time per year, no
prep time reported
Lecturer: 0 participants, 4 hours contact time per year, no prep time
reported
Laboratory assistant: 0 participants, 20 hours contact time per year, no

prep time reported

- 2006 American Academy of Orthopaedic Surgeons
Lecturer: 0 participants, 1 hour contact time per year, no prep time reported
Panel member: 0 participants, 1 hour contact time per year, no prep time reported
- 2006 American Shoulder and Elbow Surgeons Open Meeting
Lecturer: 300 participants, 1 hour contact time per year, no prep time reported
Panel member: 300 participants, 1 hour contact time per year, no prep time reported
- 2006 Orthopaedic Trauma Association Specialty Day
Lecturer: 300 participants, 1 hour contact time per year, no prep time reported
- 2006 AO Hand Course--Melgar, Colombia
Conference Leader: 0 participants, 8 hours contact time per year, no prep time reported
Lecturer: 0 participants, 4 hours contact time per year, no prep time reported
Laboratory assistant: 0 participants, 20 hours contact time per year, no prep time reported
- 2006 AO Upper Extremity Course--Newport Rhode Island
- 2006 AAOS Maintenance of Certification Course
Lecturer: 500 participants, 2 hours contact time per year, no prep time reported
- 2007 AO North America New England Regional Fracture Summit
Lecturer: 40 participants, 1 hour contact time per year,
3 hours prep time per year
: 40 participants, 20 hours contact time per year, no prep time reported
- 2007 Annual Meeting of the New England Shoulder and Elbow Surgeons
Conference Leader: 75 participants, 3 hours contact time per year,
1 hours prep time per year
Lecturer: 75 participants, 1 hour contact time per year,
10 hours prep time per year
Discussion participant/panel : 75 participants,
15 hours contact time per year, no prep time reported
- 2007 AAOS Annual Meeting

Lecturer: 0 participants, 2 hours contact time per year,
40 hours prep time per year

- 2007 AO Hand Course--Sao Paolo Brazil
Lecturer: 40 participants, 5 hours contact time per year,
15 hours prep time per year
Table instructor: 40 participants, 30 hours contact time per year, no prep
time reported
- 2007 AAOS Maintenance of Certification Course
Conference Leader: 500 participants, 1 hour contact time per year,
3 hours prep time per year
Lecturer: 500 participants, 2 hours contact time per year, no prep time
reported
- 2008 Annual Meeting of the New England Shoulder and Elbow Surgeons
Conference Leader: 75 participants, 3 hours contact time per year,
1 hours prep time per year
Lecturer: 75 participants, 1 hour contact time per year,
10 hours prep time per year
Discussion participant/panel : 75 participants,
15 hours contact time per year, no prep time reported
- 2008 Annual Meeting of the American Academy of Orthopaedic Surgeons

e. Advisory and Supervisory Responsibilities in Clinical or Laboratory Setting

- 1999- 3 Residents for 200 hrs/year, Preceptor for clinical research projects,
Massachusetts General Hospital
- 1999- 3 Medical Students for 200 hrs/year, Preceptor for clinical research
projects, Massachusetts General Hospital
- 2000- 3 Pre-medical Interns for 200 hrs/year, Preceptor for clinical
observership and research intership, Massachusetts General Hospital
- 2000- 2 Employee Research Assistants/Pre-medical Students for 500 hrs/year,
Supervision of clinical research activities, Massachusetts General
Hospital
- 2001-2005 2 Residents for 10 hrs/year, Mentor in the Harvard Combined
Orthopaedic Residency Program, Harvard Medical School
- 2003- 4 Research Fellows for 30 hrs/year, Supervision of international
research fellows, Massachusetts General Hospital

- 2003- 3 Graduate Students for 400 hrs/year, Advisor for Clinical PhD Thesis, Massachusetts General Hospital/ University of Amsterdam, The Netherlands
- 2003- 4 Medical Students for 130 hrs/year, Supervision in ambulatory clinic/ operating room, Tufts U. School Of Medicine

f. Leadership Roles

- 2003- Director, Hand and Wrist Anatomy; Harvard Combined Orthopaedic Residency Summary Anatomy, Harvard Combined Orthopaedic Residency
Responsibility: Organized and executed Hand and Wrist prosection, lectures, dissections, demonstrations, and test.
- 2004 Organizer and Moderator of the Program for the Visit of the 2004 ABC Orthopaedic Exchange Fellows, Massachusetts General Hospital
Responsibility: Organizer and Moderator of the Program
- 2006 Moderator for 17th Annual Smith Day Conference, Massachusetts General Hospital
Responsibility: Moderator for afternoon sessions
- 2006 Program organizer and Host for the Visit of the 2006 ABC Orthopaedic Exchange Fellows, Massachusetts General Hospital
Responsibility: Organizer and Moderator of the Academic and Social Program

g. Advisees/Trainees

<i>Training Duration</i>	<i>Name</i>	<i>Current Position</i>
2000-2001	Leah Malhotra	Resident
2001-2002	John Kadzielski	Orthopaedic resident
2001-2004	Lauren Adey	Private Practice Orthopaedic Surgeon
2002	Lawrence Gulotta	Orthopaedic Resident
2002	Alaina Kipps	Resident
2002	Todd Morgan	Urology Resident
2002-2003	Seth Levitz	Orthopaedic Resident
2002-2003	Richard Rhim	Orthopaedic Resident
2002-2003	Lauren Fabian	Orthopaedic Resident
2002-2004	Daniel Guss	Orthopaedic Resident
2002-2004	Neil Harness	Private Practice Orthopaedic Surgeon
2002-2004	Jason Tavakolian	Private Practice Orthopaedic Surgeon
2002-2005	Christopher Forthman	Assistant Professor

2002-2005	Job Doornberg	Completed PhD; Current Medical Student
2002-2005	L. Pearce McCarty	Private Practice Orthopaedic Surgeon
2002-2006	Rob Parisien	Private Practice Orthopaedic Surgeon
2003	Daniel Moon	Medical Student
2003	Patrick Lenihand	Medical Student
2003-2004	Amy Reid	PA school
2004-	Maximillian Soong	Current Resident
2004-2005	Paige Mallette	Medical student
2004-2005	Sam Sodha	Private Practice Orthopaedic Surgeon
2004-2005	Erich Renner	Medical Student
2004-2006	Andrew Jawa	Current resident
2004-2006	George Dyer	Current resident
2005-	Santiago Lozano-Calderon	Current Student
2005-	Shawn Anthony	Current student
2005-	Ray Hwang	Current Resident
2005-	Marjolijn Henket	Orthopaedic Resident
2005-	Julius Bishop	Current resident
2005-	Anneluuk Lindenhovius	Current Student
2005-	J. Sebastiaan Souer	Active Student
2005-2006	Peter Bastian	Medical Student
2005-2006	Brendan Gilligan	Medical student
2005-2006	Jennifer Ty	Current Resident
2005-2006	Jose Nolla	Assistant Professor
2006-	Nathan Detori	Current student
2006-2007	Geert	Medical Student
2006-2007	Jamie Cowan	Medical Student
2007-	Gijs Helmerhorst	Medical Student
2007-	Dahlia Townsend	University
2007-	Kim Brouwer	PhD Student
2007-	Johannes De Vries	Medical Student
2007-	Thierry Guiton	PhD Candidate
2007-	Eric Fu	Undergraduate student
2007-	Mathieu Wijfels	Medical Student
2007-2008	Jeff Watson	Medical Student

2. Regional, national, or international contributions

a. Invited Presentations

Regional

2000 Traumatic Elbow Instability, Detroit Academy of Orthopaedic Surgeons[*Invited Lecture*]

- 2001 Elbow Trauma, New England Fracture Forum[Seminar]
- 2001 ORIF of Fractures of the Coronoid, Lahey Clinic, Burlington, MA[Grand Rounds]
- 2002 Indications and Techniques of Plate Fixation of the Clavicle, AO North America[Invited Lecture]
- 2002 Locking Plates for Humerus Nonunions, AO North America[Invited Lecture]
- 2002 Developments in Internal Fixation of the Distal Radius , Connecticut Orthopaedic Society[Invited Lecture]
- 2002 Complex Articular Fractures of the Distal Humerus, Connecticut Orthopaedic Society[Invited Lecture]
- 2002 Elbow Fractures, Combined Michigan Orthopaedic Residents Teaching Day[Invited Lecture]
- 2003 Fracture-dislocations of the Elbow, AO North America[Invited Lecture]
- 2003 Locking Plates for Humerus Fractures and Sequellae, AO North America[Invited Lecture]
- 2003 Idiopathic Arm Pain, New England Orthopaedic Society[Invited Lecture]
- 2003 Fracture-dislocation of the elbow, New England Orthopaedic Society[Invited Lecture]
- 2004 Clavicle Hook Plate, AO North America[Invited Lecture]
- 2004 Elbow Stiffness, New England Shoulder and Elbow Surgeons[Invited Lecture]
- 2004 Olecranon and Proximal Ulna Fractures, New England Shoulder and Elbow Surgeons[Invited Lecture]
- 2004 Coronoid Fractures, New England Shoulder and Elbow Surgeons[Invited Lecture]
- 2004 Elbow dislocation, New England Shoulder and Elbow Surgeons[Invited Lecture]
- 2004 Total elbow arthroplasty for complex fractures of the distal humerus, Pennsylvania Trauma Symposium[Invited Lecture]

- 2004 Small group discussions--arm fractures, Pennsylvania Trauma Symposium[*Group Leader*]
- 2004 Operative treatment of clavicle fractures, Pennsylvania Trauma Symposium[*Invited Lecture*]
- 2004 ORIF Distal radius fractures, Pennsylvania Trauma Symposium[*Invited Lecture*]
- 2005 Complex Fractures of the Distal Humerus, AO North America[*Invited Lecture*]
- 2005 Operative Treatment of Heterotopic Ossification, New England Shoulder and Elbow Surgeons[*Invited Lecture*]
- 2005 Traumatic Elbow Instability, New England Shoulder and Elbow Surgeons[*Invited Lecture*]
- 2005 Traumatic Elbow Instability, Yale Department of Orthopaedic Surgery[*Visiting Professorship*]
- 2005 Traumatic Elbow Instability, Yale Department of Orthopaedic Surgery[*Grand Rounds*]
- 2005 Elbow instability--Case Presentations, Yale Department of Orthopaedic Surgery[*Seminar*]
- 2005 Elbow--Operative Exposures, Yale Department of Orthopaedic Surgery[*Lab Leader*]
- 2005 Developments in Elbow Trauma and Reconstruction, University of Vermont[*Grand Rounds*]
- 2006 Elbow Fracture-Dislocations, AO North America[*Invited Lecture*]
- 2006 Clavicle Fractures: To Fix or Not to Fix, AO North America[*Invited Lecture*]
- 2006 ORIF of proximal humerus fractures, New England Shoulder and Elbow Surgeons[*Invited Lecture*]
- 2006 Lateral epicondylitis--outcomes, New England Shoulder and Elbow Surgeons[*Invited Lecture*]
- 2006 Traumatic Elbow Instability, Mt. Sinai Medical School[*Grand Rounds*]

- 2006 Traumatic Elbow Instability, University of Toronto[*Visiting Professorship*]
- 2006 Proximal Humerus Nonunion, University of Toronto[*Visiting Professorship*]
- 2006 Forearm Fractures and Fracture-Dislocations, University of Toronto[*Visiting Professorship*]
- 2006- Carl E. Badgley Lectureship., University of Michigan[*Visiting Professorship*]
- 2006 Malunion and Nonunion of the Distal Radius, University of Michigan[*Invited Lecture*]
- 2006 Traumatic Elbow Instability, University of Michigan[*Invited Lecture*]
- 2006 Traumatic Elbow Instability, University of Maryland[*Invited Lecture*]
- 2007 Radial head fractures, New England Shoulder and Elbow Surgeons[*Invited Lecture*]
- 2007 Annual Howard Rosen Lecturer: Science and Psychology in Hand Surgery + Topics in Arm Trauma, Hospital for Joint Diseases[*Visiting Professorship*]
- 2008 Traumatic Elbow Instability, Philadelphia Hand Club[*Visiting Professorship*]
- 2008 Grand Rounds: Science and Psychology in Hand Surgery, Newton-Wellesley Hospital[*Invited Lecture*]
- 2008 Debate: Corticosteroid shots for tennis elbow--evidence based medicine tells us it's time to move on, New England Shoulder and Elbow Surgeons[*Plenary Presentation*]
- 2008 Debate: Stable isolated fractures of the radial head do not require surgery, New England Shoulder and Elbow Surgeons[*Plenary Presentation*]
- National**
- 2001 Humerus Fracture Case Presentations, AO North America[*Invited Lecture*]
- 2001 Forearm: Update on PC-Fix and Combi Plates, AO North America[*Invited Lecture*]
- 2001 Humerus Fractures--Why I Prefer Plates, AO North America[*Invited Lecture*]

- 2001 Forearm Trauma and Post-Traumatic Reconstruction, AO North America[Moderator]
- 2001 Olecranon Fractures and Fracture-Dislocations, AO North America[Invited Lecture]
- 2001 Laboratory Exercise: Percutaneous Screw Fixation of Scaphoid Fractures, AO North America[Lab Leader]
- 2001 Distal Radius Fractures--Operative Treatment, AO North America[Invited Lecture]
- 2001 Scaphoid Fractures--Operative Treatment, AO North America[Invited Lecture]
- 2001 Mock Orthopaedic Boards Part 2, Maine Orthopaedic Review Course[Seminar]
- 2001 Wrist Fractures, Maine Orthopaedic Review Course[Invited Lecture]
- 2001 Elbow Fractures, Maine Orthopaedic Review Course[Invited Lecture]
- 2001 Fractures of the Radial Head and Olecranon , Resident's Basic Fracture Course, San Diego, CA[Invited Lecture]
- 2002 Fractures of the Scaphoid: Advances in Treatment, American Academy of Orthopaedic Surgeons[Invited Lecture]
- 2002 Difficult Elbow Fractures: Pitfalls and Pearls. Trans-olecranon Fracture-Dislocations, American Academy of Orthopaedic Surgeons[Invited Lecture]
- 2002 Instructional Course Lecture. Acute Trauma to the Forearm Axis, American Academy of Orthopaedic Surgeons[Invited Lecture]
- 2002 Olecranon Fractures and Fracture-Dislocations, American Academy of Orthopaedic Surgeons[Invited Lecture]
- 2003 External Fixation Lab, Synthese Regional Sales Meeting[Lab Leader]
- 2003 Internal Fixation of the Distal Radius , Synthes Regional Sales Meeting[Invited Lecture]
- 2003 Humerus Fracture--Radial Nerve Palsy, American Society for Surgery of the Hand[Invited Lecture]

- 2003 Fractures of the Scaphoid: Advances in Treatment, American Academy of Orthopedic Surgeons*[Invited Lecture]*
- 2003 Nonunion and Malunion of the Metacarpals and Phalanges, American Academy of Orthopaedic Surgeons*[Invited Lecture]*
- 2003 Proximal Ulna Fractures, AO North America*[Invited Lecture]*
- 2003 Laboratory Exercise: Distal Radius ORIF/ External Fixation, AO North America*[Lab Leader]*
- 2003 Scaphoid Fractures: New Perspectives, AO North America*[Invited Lecture]*
- 2003 Laboratory Exercise: Scaphoid ORIF, AO North America*[Lab Leader]*
- 2003 Complications and Adverse Sequelae of Upper Extremity Trauma, AO North America*[Plenary Presentation]*
- 2003 Distal Radius Fracture: Non-Bridging External Fixation, AO North America*[Invited Lecture]*
- 2003 Humerus: Functional Bracing--Pitfalls, AO North America*[Invited Lecture]*
- 2003 Coronoid Fractures, AO North America*[Invited Lecture]*
- 2003 Clavicle: Indications and Techniques of ORIF, AO North America*[Invited Lecture]*
- 2003 Lab Exercise: Distal Humerus ORIF, AO North America*[Lab Leader]*
- 2003 Olecranon Fractures and Fracture-Dislocations, American Society for Surgery of the Hand*[Invited Lecture]*
- 2003 Case Review: Malunion of the Distal Radius, American Society for Surgery of the Hand*[Seminar]*
- 2004 Difficult Elbow Fractures: Pearls and Pitfalls: Olecranon Fracture-Dislocations, American Academy of Orthopaedic Surgery*[Invited Lecture]*
- 2004 ORIF Distal Radius Fracture, American Academy of Orthopaedic Surgery*[Invited Lecture]*
- 2004 Prosthetic Replacement of the Radial Head, American Academy of Orthopaedic Surgery*[Invited Lecture]*

- 2004 Nonunion and Malunion in the Hand, American Academy of Orthopaedic Surgery[*Invited Lecture*]
- 2004 Distal Radius Fractures, AAOS Trauma Course[*Invited Lecture*]
- 2004 ORIF Distal Radius Fractures, AAOS Trauma Course[*Lab Leader*]
- 2004 Elbow Contracture Release, AAOS Trauma Course[*Invited Lecture*]
- 2004 ORIF Distal Radius Fractures, AAOS Trauma Course[*Invited Lecture*]
- 2004 Forearm Fractures , American Fracture Association Annual Meeting[*Invited Lecture*]
- 2004 Elbow Fractures , American Fracture Association Annual Meeting[*Invited Lecture*]
- 2004 Diaphyseal Humerus Fractures, American Fracture Association Annual Meeting[*Invited Lecture*]
- 2004 Advanced AO Course Labs, AO North America[*Lab Assistant*]
- 2004 The Mangled Forearm, AO North America[*Invited Lecture*]
- 2004 Intra-articular distal humerus fracture, AO North America[*Invited Lecture*]
- 2004 ORIF Distal Humerus Fractures, AO North America[*Lab Leader*]
- 2004 Scapula and Clavicle Fractures, AO North America[*Invited Lecture*]
- 2004 ORIF Scaphoid Fractures, Hand Innovations[*Invited Lecture*]
- 2004 Vascularized Grafting and Salvage Procedures, American Society for Surgery of the Hand[*Invited Lecture*]
- 2004 Operative Treatment of Nonunion with Deformity, American Society for Surgery of the Hand[*Invited Lecture*]
- 2005 Honored Guest Lecturer at the 7th Annual Mayo Clinic Advanced Elbow Surgical Skills Course: Elbow Trauma, "Teach the Teachers", Mayo School of Continuing Medical Education[*Visiting Professorship*]
- 2005 ORIF Complex Proximal Ulna Fractures, Mayo School of Continuing Medical Education[*Lab Leader*]
- 2005 ORIF Coronal Shearing Fractures, Mayo School of Continuing Medical

Education[*Lab Leader*]

- 2005 Radial Head Fractures, Mayo School of Continuing Medical Education[*Invited Lecture*]
- 2005 Complex Fractures of the Proximal Ulna, Mayo School of Continuing Medical Education[*Invited Lecture*]
- 2005 ORIF Coronoid Plate, Mayo School of Continuing Medical Education[*Lab Leader*]
- 2005 Report of the 2005 ABC Travelling Fellows, American Orthopaedic Association[*Invited Lecture*]
- 2005 Elbow instability associated with fracture, American Society for Surgery of the Hand[*Invited Lecture*]
- 2005 Complex combined injuries and bone loss, American Society for Surgery of the Hand[*Invited Lecture*]
- 2005 Traumatic Elbow Instability, Northwestern School of Medicine[*Grand Rounds*]
- 2005 Two and three-part fractures of the proximal humerus: ORIF plate and screws, AAOS Proximal Humerus Fractures[*Invited Lecture*]
- 2005 Clavicle nonunions, AAOS Proximal Humerus Course[*Invited Lecture*]
- 2005 Proximal humerus nonunions, AAOS Proximal Humerus Course[*Invited Lecture*]
- 2006 Traumatic Elbow Instability, University of California, San Francisco[*Grand Rounds*]
- 2006 Malunion and Nonunion in the Hand, American Academy of Orthopaedic Surgeons[*Instructional Course Lecture at AAOS Annual Meeting*]
- 2006 Clavicle Fractures: To Fix or Not to Fix?, American Academy of Orthopaedic Surgery[*Symposium at AAOS Annual Meeting*]
- 2006 Olecranon Fracture-Dislocations, American Academy of Orthopaedic Surgeons[*Invited Lecture*]
- 2006 Operative Exposures of the Distal Radius with Videos. , Orthopaedic Trauma Association[*Invited Lecture*]
- 2006 Nerve Problems Around the Elbow: What Went Wrong? What to do

Now? , American Shoulder and Elbow Surgeons[*Symposium at American Shoulder and Elbow Surgeons Open Meeting*]

- 2006 Double Plate Fixation of the Distal Radius, American Society for Surgery of the Hand[*Plenary Presentation*]
- 2006 Case Controversies--Distal Radius Malunion, American Society for Surgery of the Hand[*Seminar*]
- 2006 Hand and Wrist Trauma, American Academy of Orthopaedic Surgeons--MOC Course[*Plenary Presentation*]
- 2006 Elbow and Forearm Trauma, American Academy of Orthopaedic Surgeons--MOC Course[*Plenary Presentation*]
- 2007 Humerus Fracture with Radial Nerve Palsy, American Society for Surgery of the Hand[*Invited Lecture*]
- 2007 Complications of Coronoid Fractures, American Academy of Orthopaedic Surgeons[*Invited Lecture*]
- 2007 Master's Technique: Distal Radius Fractures: Current Concepts and ORIF of the Distal Radius, AAOS/OTA 7th Annual Trauma Course[*Plenary Presentation*]
- 2007 Humerus Non-union, AAOS/OTA 7th Annual Trauma Course[*Plenary Presentation*]
- 2007 Radial Head/Neck Fractures and Elbow Instability, AAOS/OTA 7th Annual Trauma Course[*Plenary Presentation*]
- 2007 Traumatic Elbow Instability, University of Cincinnati[*Visiting Professorship*]
- 2007 Coronoid Fractures, Acumed Upper Extremity Meeting[*Invited Lecture*]
- 2007 Elbow and Forearm Fractures, American Academy of Orthopaedic Surgeons[*Invited Lecture*]
- 2007 Wrist and Hand Trauma, American Academy of Orthopaedic Surgeons[*Invited Lecture*]

International

- 2001 Fractures of the Forearm and Wrist, Orthopaedic Belgica Annual Meeting[*Invited Lecture*]

- 2001 Plate Fixation of Clavicle Fractures and Nonunions, Eastern Orthopaedic Society 32nd Annual Meeting[*Invited Lecture*]
- 2001 Upper Extremity Fractures: Small Group Discussions, Resident's Basic Fracture Course, San Diego, CA[*Group Leader*]
- 2002 Intra-articular Fractures of the Distal Radius Volar Displaced Fractures , 16th Annual Edinburgh International Trauma Symposium[*Invited Lecture*]
- 2002 Distal Radius Cases Presentations, 16th Annual Edinburgh International Trauma Symposium[*Group Leader*]
- 2002 Pediatric Elbow Fractures and Proximal Forearm Fractures , 2nd Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2002 Management of the Severe Articular Fracture of the Distal Radius, 2nd Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2002 Plating of Extra-articular Distal Radius Fractures, 2nd Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2002 Three and four part fractures of the proximal humerus: Indications for ORIF, 2nd Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2002 Fractures of the Radial Head and Olecranon , OTA Resident's Basic Fracture Course, Toronto, Ontario, Canada[*Invited Lecture*]
- 2002 Small Group Discussions, OTA Resident's Basic Fracture Course, Toronto, Ontario, Canada[*Group Leader*]
- 2002 Distal Radius Case Presentations, Orthopaedic Trauma Association[*Group Leader*]
- 2003 Advances in the Management of Scaphoid Fractures, Hirosaki University[*Invited Lecture*]
- 2003 Developments in Elbow Trauma and Reconstruction, Aomori Bone and Joint Surgeons[*Invited Lecture*]
- 2003 Orthopaedic Visiting Professor, Hirosaki University[*Visiting Professorship*]
- 2003 Distal Humerus ORIF Hands-on Lab, Orthopaedic Trauma Association[*Lab Assistant*]
- 2003 Upper Extremity Case Presentations: Shoulder, Humerus, and Elbow,

- Orthopaedic Trauma Association[*Group Leader*]
- 2003 Distal Radius Hands-on Lab, OTA Resident's Basic Fracture Course[*Lab Assistant*]
- 2003 Upper Extremity Scientific Presentations, Orthopaedic Trauma Association[*Moderator*]
- 2003 Upper Extremity Cases Presentations, OTA Resident's Basic Fracture Course[*Group Leader*]
- 2003 Fractures of the Olecranon and Radial Head, OTA Resident's Basic Fracture Course[*Invited Lecture*]
- 2003 Upper Extremity Case Presentations: Forearm, Wrist, and Hand, Orthopaedic Trauma Association[*Group Leader*]
- 2004 Meet the Experts: Elbow Injuries, 4th Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2004 Meet the Experts: Fractures Around the Elbow, 18th Annual Edinburgh International Trauma Symposium[*Group Leader*]
- 2004 Coronoid Fractures: Types and Treatments, 18th Annual Edinburgh International Trauma Symposium[*Invited Lecture*]
- 2004 Nonunions Around the Elbow, 18th Annual Edinburgh International Trauma Symposium[*Invited Lecture*]
- 2004 The Use of Arthroplasty for Elbow Fractures, 18th Annual Edinburgh International Trauma Symposium[*Invited Lecture*]
- 2004 Distal Humerus Fractures, 4th Annual Edinburgh International Instructional Trauma Course[*Invited Lecture*]
- 2005 Ins and Outs of Distal Radius Fractures--The American Way, Bonner Unfall Tage: Handschlag, Bonn, Germany[*Plenary Presentation*]
- 2005 Elbow Instability Associated with Fractures, Ninth International Shoulder and Elbow Surgery Conference[*Invited Lecture*]
- 2005 What's new in elbow trauma? , Australian Orthopaedic Association [Invited Lecture]
- 2005 Coronoid fractures and complex acute elbow instability, Australian Orthopaedic Association [Invited Lecture]

- 2005 Complex fractures of the distal radius, Australian Orthopaedic Association [*Invited Lecture*]
- 2005 Fractures of the Clavicle, Australian Orthopaedic Association [*Invited Lecture*]
- 2005 Invited Guest Lecturer, Smith and Nephew Annual Winter Meeting; Cairns, Australia, Australian Orthopaedic Association [*Visiting Professorship*]
- 2005 Current concepts in distal radius fractures, Venezuelan Orthopaedic Association [*Invited Lecture*]
- 2005 Operative Treatment of Elbow Stiffness, Venezuelan Orthopaedic Association [*Invited Lecture*]
- 2005 Arthroscopic assisted percutaneous fixation of scaphoid fractures, Venezuelan Orthopaedic Association [*Invited Lecture*]
- 2005 Current concepts in scaphoid fractures, Venezuelan Orthopaedic Association [*Invited Lecture*]
- 2005 Venezuelan Orthopaedic Association, Venezuelan Orthopaedic Association [*Visiting Professorship*]
- 2005 Idiopathic Arm Pain, Colombian Society for Surgery of the Hand [*Invited Lecture*]
- 2005 Current concepts in distal radius fractures, Colombian Society for Surgery of the Hand [*Invited Lecture*]
- 2005 Scaphoid fractures and perilunate fracture-dislocations, Colombian Society for Surgery of the Hand [*Invited Lecture*]
- 2005 Complex fractures of the distal humerus, Colombian Society for Surgery of the Hand [*Invited Lecture*]
- 2005 Colombian Society for Surgery of the Hand, Colombian Society for Surgery of the Hand [*Visiting Professorship*]
- 2005 Forearm fractures and fracture-dislocations, Colombian Society for Surgery of the Hand [*Invited Lecture*]
- 2005 Hand: Soft tissue injuries, Orthopaedic Trauma Association [*Invited Lecture*]
- 2005 Upper Extremity Case Discussions, OTA Resident's Basic Fracture

Course[Group Leader]

- 2005 Upper Extremity Case Discussions: Forearm, Wrist, and Hand, Orthopaedic Trauma Association[Group Leader]
- 2005 Fractures of the Radial Head and Olecranon, OTA Resident's Basic Fracture Course[Invited Lecture]
- 2005 Upper Extremity Scientific Presentations, Orthopaedic Trauma Association[Moderator]
- 2005 Hand Case Discussions, OTA Resident's Basic Fracture Course[Panel Member]
- 2005 Scaphoid Fractures and Perilunate Injuries, OTA Resident's Basic Fracture Course[Invited Lecture]
- 2006 Visiting Orthopaedic Professor, Hamad Medical Corporation, Doha, Qatar[Visiting Professorship]
- 2006 Dislocations and Ligament Injuries in the Digits, AO Latin America[Invited Lecture]
- 2006 Articular Fractures of the Distal Radius, AO Latin America[Invited Lecture]
- 2006 Scaphoid Fractures: Operative and Non-operative Treatment, AO Latin America[Invited Lecture]
- 2006 Malunion of the Distal Radius, AO Latin America[Invited Lecture]
- 2006 Limited Carpal Fusion and Proximal Row Carpectomy, AO Latin America[Invited Lecture]
- 2006 Malunions and Nonunions in the Hand, AO Latin America[Invited Lecture]
- 2006 Dislocations and Ligament Injuries in the Digits, AO Latin America[Seminar]
- 2006 Malunions and Nonunions in the Hand, AO Latin America[Invited Lecture]
- 2006 Limited Carpal Fusion and Proximal Row Carpectomy, AO Latin America[Seminar]
- 2006 Articular Fractures of the Distal Radius, AO Latin America[Seminar]

- 2006 Scaphoid Fractures: Operative and Non-operative Treatment, AO Latin America[*Invited Lecture*]
- 2006 Malunion of the Distal Radius, AO Latin America[*Seminar*]
- 2006 Radial head fractures, Dutch orthopaedic association[*Invited Lecture*]
- 2006 Complex distal humerus fractures Radial head fractures, Dutch Orthopaedic Association[*Visiting Professorship*]
- 2006 Complex Distal Humerus Fractures, Dutch Orthopaedic Association[*Invited Lecture*]
- 2006 10 Topics in Upper Extremity Trauma, Guatemalan Orthopaedic Association[*Visiting Professorship*]
- 2006 8 Lectures on Arm Trauma and Post-Traumatic Reconstruction, Annual Meeting of the Chilean Orthopaedic Association[*Visiting Professorship*]
- 2007 Post-Traumatic Reconstruction of the Upper Extremity, Università Degli Studi Di Modena E Reggio Emilia[*Visiting Professorship*]
- 2007 Topics in Wrist Surgery, First Annual Conference on Surgery of the Wrist; Porto Allegre, Brazil[*Visiting Professorship*]
- 2007- Topics in Elbow Trauma and Reconstruction, III Simpósio Internacional de Ortopedia do Hospital Madre Teresa.[*Visiting Professorship*]
- 2007 Annual Meeting of the Hellenic Orthopaedic Association, Athens Greece, Hellenic Orthopaedic Association[*Visiting Professorship*]

b. Professional Leadership Roles related to Teaching

- 2001- National Harvard Medical School
Course Director, Annual Harvard Primary Care Orthopaedics Course
- 2001 Regional New England Fracture Forum
Co-Director, New England Fracture Forum
- 2003 National AO North America
AO Faculty Development Forum for the development of national and international teaching programs
- 2005 National AO North America
AO Faculty Development Forum for the development of national and

international teaching programs

- 2006 Regional AO North America
Moderator of Upper Extremity Section, New England Fracture Forum
- 2006 Regional New England Hand Society
Co-Program Director, Annual Meeting of The New England Hand Society
- 2007 National AAOS/OTA
Moderator, Upper Extremity Section
- 2007 National AO North America
Co-Chairman, AO Basic Fracture Course

3. Description of Teaching Award(s) Received

- 2007-2008 Nominee HMS 2007-2008 Excellence in Mentoring Award
Harvard Medical School

E. Report of Clinical Activities

- 1999- Surgery, Orthopaedic Hand Surgery Massachusetts General Hospital
Clinical Activity Description: Attending, Orthopaedic Hand and Upper Extremity Service
Patient Load: 500 outpatients and 70 surgeries per month; 70% routine, 30% complex.
Clinical Contributions: Our clinical unit is on the forefront of research, teaching and patient care in upper extremity skeletal trauma and reconstruction. I work closely with the Orthopaedic Trauma Service. I have helped study and popularize many innovations in orthopaedics including locked plating, the handling of post-traumatic stiffness (particularly with heterotopic ossification), and complex fracture-dislocations of the elbow, forearm, and wrist. I am developing a Multidisciplinary Arm Pain Program (physiatry, hand therapy, psychology) for patients with nonspecific/medically unexplained/idiopathic arm pain.
Other Relevant Information: I am a recognized leader in the fields of elbow, forearm, wrist, and hand surgery.

Part III: Bibliography

Original Articles

1. Ring D, Wenger DR. Magnetic resonance-imaging scans in discitis. Sequential studies in a child who needed operative drainage: a case report. *J Bone Joint Surg Am.* 1994;76(4):596-601.
2. Ring D, Vaccaro AR, Scuderi G, Pathria MN, Garfin SR. Acute calcific retropharyngeal tendinitis. Clinical presentation and pathological characterization. *J Bone Joint Surg Am.* 1994;76(11):1636-42.
3. Vaccaro AR, Ring D, Scuderi G, Garfin SR. Vertebral artery location in relation to the vertebral body as determined by two-dimensional computed tomography evaluation. *Spine.* 1994;19(23):2637-41.
4. Jupiter JB, Ring D, Rosen H. The complications and difficulties of management of nonunion in the severely obese. *J Orthop Trauma.* 1995;9(5):363-70.
5. Ring D, Vaccaro AR, Scuderi G, Green D. Vertebral osteomyelitis after blunt traumatic esophageal rupture. *Spine.* 1995;20(1):98-101.
6. Ring D, Johnston CE, Wenger DR. Pyogenic infectious spondylitis in children: the convergence of discitis and vertebral osteomyelitis. *J Pediatr Orthop.* 1995;15(5):652-60.
7. Ring D, Jupiter JB, Labropoulos PK, Guggenheim JJ, Stanitsky DF, Spencer DM. Treatment of deformity of the lower limb in adults who have osteogenesis imperfecta. *J Bone Joint Surg Am.* 1996;78(2):220-5.
8. Jupiter JB, Ring D. A comparison of early and late reconstruction of malunited fractures of the distal end of the radius. *J Bone Joint Surg Am.* 1996;78(5):739-48.
9. Ring D, Waters PM. Operative fixation of Monteggia fractures in children. *J Bone Joint Surg Br.* 1996;78(5):734-9.
10. Jupiter JB, Fernandez DL, Toh CL, Fellman T, Ring D. Operative treatment of volar intra-articular fractures of the distal end of the radius. *J Bone Joint Surg Am.* 1996;78(12):1817-28.
11. Ring D, Vaccaro AR, Scuderi G, Klein G, Green D, Garfin SR. An association between the flat back and postpolio syndromes: a report of three cases. *Arch Phys Med Rehabil.* 1997;78(3):324-6.
12. Ring D, Jupiter JB, Sanders RA, Quintero J, Santoro VM, Ganz R, Marti RK. Complex nonunion of fractures of the femoral shaft treated by wave-plate osteosynthesis. *J Bone Joint Surg Br.* 1997;79(2):289-94.
13. Ring D, Snyder B. Spinal canal compromise in Proteus syndrome: case report and review of the literature. *Am J Orthop.* 1997;26(4):275-8.
14. Vaccaro AR, Ring D, Lee RS, Scuderi G, Garfin SR. Salvage anterior C1-C2 screw fixation and arthrodesis through the lateral approach in a patient with a symptomatic pseudoarthrosis. *Am J Orthop.* 1997;26(5):349-53.
15. Ring D, Barrick WT, Jupiter JB. Recalcitrant nonunion. *Clin Orthop.* 1997;(340):181-9.
16. Vaccaro AR, Ring D, Scuderi G, Cohen DS, Garfin SR. Predictors of outcome in patients with chronic back pain and low-grade spondylolisthesis. *Spine.* 1997;22(17):2030-4; discussion 2035.
17. Ring D, Jupiter JB, Brennwald J, Büchler U, Hastings H. Prospective multicenter

- trial of a plate for dorsal fixation of distal radius fractures. *J Hand Surg [Am]*. 1997;22(5):777-84.
18. Ring D, Jupiter JB, Sanders RW, Mast J, Simpson NS. Transolecranon fracture-dislocation of the elbow. *J Orthop Trauma*. 1997;11(8):545-50.
 19. Jupiter JB, Ring D. Operative treatment of post-traumatic proximal radioulnar synostosis. *J Bone Joint Surg Am*. 1998;80(2):248-57.
 20. Ring D, Simmons BP, Hayes M. Continuous passive motion following metacarpophalangeal joint arthroplasty. *J Hand Surg [Am]*. 1998;23(3):505-11.
 21. Ring D, Jupiter JB, Simpson NS. Monteggia fractures in adults. *J Bone Joint Surg Am*. 1998;80(12):1733-44.
 22. Ring D, Jupiter JB. Ununited fractures of the clavicle with bony defect: Treatment with a corticocancellous bone graft and plate fixation. *Tech Hand Upper Extremity Surg*. 1999;3(3):193-6.
 23. Ring D, Jupiter JB, Toh S. Salvage of contaminated fractures of the distal humerus with thin wire external fixation. *Clin Orthop*. 1999;(359):203-8.
 24. Ring D, Perey BH, Jupiter JB. The functional outcome of operative treatment of ununited fractures of the humeral diaphysis in older patients. *J Bone Joint Surg Am*. 1999;81(2):177-90.
 25. Ring D, Jupiter JB, Toh S. Transarticular bony defects after trauma and sepsis: arthrodesis using vascularized fibular transfer. *Plast Reconstr Surg*. 1999;104(2):426-34.
 26. Ring D, Jupiter JB, Gan BS, Israeli R, Yaremchuk MJ. Infected nonunion of the tibia. *Clin Orthop*. 1999;(369):302-11.
 27. Ring D, Jupiter JB, Quintero J, Sanders RA, Marti RK. Atrophic ununited diaphyseal fractures of the humerus with a bony defect: treatment by wave-plate osteosynthesis. *J Bone Joint Surg Br*. 2000;82(6):867-71.
 28. Fernandez DL, Ring D, Jupiter JB. Surgical management of delayed union and nonunion of distal radius fractures. *J Hand Surg [Am]*. 2001;26(2):201-9.
 29. Ring D, Waters PM, Hotchkiss RN, Kasser JR. Pediatric floating elbow. *J Pediatr Orthop*. 2001;21(4):456-9.
 30. Ring D, McKee MD, Perey BH, Jupiter JB. The use of a blade plate and autogenous cancellous bone graft in the treatment of ununited fractures of the proximal humerus. *J Shoulder Elbow Surg*. 2001;10(6):501-7.
 31. Ring D, Jupiter JB. Orthogonal, fixed-angle, plate fixation of unstable, ununited fractures of the distal radius. *Osteo Trauma Care*. 2002;10:1-4.
 32. Prommersberger KJ, Fernandez DL, Ring D, Jupiter JB, Lanz UB. Open reduction and internal fixation of un-united fractures of the distal radius: does the size of the distal fragment affect the result? *Chir Main*. 2002;21(2):113-23.
 33. Ring D, Roberge C, Morgan T, Jupiter JB. Osteotomy for malunited fractures of the distal radius: a comparison of structural and nonstructural autogenous bone grafts. *J Hand Surg [Am]*. 2002;27(2):216-22.
 34. Ring D, Jupiter JB, Zilberfarb J. Posterior dislocation of the elbow with fractures of the radial head and coronoid. *J Bone Joint Surg Am*. 2002;84-A(4):547-51.

35. Ring D, Psychoyios VN, Chin KR, Jupiter JB. Nonunion of nonoperatively treated fractures of the radial head. *Clin Orthop*. 2002;(398):235-8.
36. Jupiter JB, Ring D, Weitzel PP. Surgical treatment of redisplaced fractures of the distal radius in patients older than 60 years. *J Hand Surg [Am]*. 2002;27(4):714-23.
37. Jupiter JB, Ring D. Treatment of unreduced elbow dislocations with hinged external fixation. *J Bone Joint Surg Am*. 2002;84-A(9):1630-5.
38. Ring D, Quintero J, Jupiter JB. Open reduction and internal fixation of fractures of the radial head. *J Bone Joint Surg Am*. 2002;84-A(10):1811-5.
39. Ring D, Gulotta L, Roy A, Jupiter JB. Concomitant nonunion of the distal humerus and olecranon. *J South Orthop Assoc*. 2003;12(1):27-31.
40. Ring D, Jupiter JB, Gulotta L. Articular fractures of the distal part of the humerus. *J Bone Joint Surg Am*. 2003;85-A(2):232-8.
41. Ring D, Jupiter JB, Gulotta L. Atrophic nonunions of the proximal ulna. *Clin Orthop*. 2003;(409):268-74.
42. Ring D, Jupiter JB. Operative release of complete ankylosis of the elbow due to heterotopic bone in patients without severe injury of the central nervous system. *J Bone Joint Surg Am*. 2003;85-A(5):849-57.
43. Ring D, Gulotta L, Jupiter JB. Unstable nonunions of the distal part of the humerus. *J Bone Joint Surg Am*. 2003;85-A(6):1040-6.
44. Ring D, McCarty LP, Campbell D, Jupiter JB. Condylar blade plate fixation of unstable fractures of the distal ulna associated with fracture of the distal radius. *J Hand Surg [Am]*. 2004;29(1):103-9.
45. Ring D, Prommersberger K, Jupiter JB. Posttraumatic radial club hand. *J Surg Orthop Adv*. 2004;13(3):161-5.
46. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with high-energy humeral shaft fractures. *J Hand Surg [Am]*. 2004;29(1):144-7.
47. Ring D, Jupiter JB. Operative release of ankylosis of the elbow due to heterotopic ossification. Surgical technique. *J Bone Joint Surg Am*. 2004;86-A Suppl 1:2-10.
48. Ring D, Hannouche D, Jupiter JB. Surgical treatment of persistent dislocation or subluxation of the ulnohumeral joint after fracture-dislocation of the elbow. *J Hand Surg [Am]*. 2004;29(3):470-80.
49. Harness N, Ring D, Jupiter JB. Volar Barton's fractures with concomitant dorsal fracture in older patients. *J Hand Surg [Am]*. 2004;29(3):439-45.
50. Ring D, Guss D, Malhotra L, Jupiter JB. Idiopathic arm pain. *J Bone Joint Surg Am*. 2004;86-A(7):1387-91.
51. Ring D, Tavakolian J, Kloen P, Helfet D, Jupiter JB. Loss of alignment after surgical treatment of posterior Monteggia fractures: salvage with dorsal contoured plating. *J Hand Surg [Am]*. 2004;29(4):694-702.
52. Ring D, Prommersberger K, Jupiter JB. Combined dorsal and volar plate fixation of complex fractures of the distal part of the radius. *J Bone Joint Surg Am*. 2004;86-A(8):1646-52.
53. Ring D, Kloen P, Kadzielski J, Helfet D, Jupiter JB. Locking compression plates for

- osteoporotic nonunions of the diaphyseal humerus. *Clin Orthop*. 2004;(425):50-4.
54. Ring D, Gulotta L, Chin K, Jupiter JB. Olecranon osteotomy for exposure of fractures and nonunions of the distal humerus. *J Orthop Trauma*. 2004;18(7):446-9.
 55. Ring D, Allende C, Jafarnia K, Allende BT, Jupiter JB. Ununited diaphyseal forearm fractures with segmental defects: plate fixation and autogenous cancellous bone-grafting. *J Bone Joint Surg Am*. 2004;86-A(11):2440-5.
 56. Doornberg J, Ring D, Jupiter JB. Effective treatment of fracture-dislocations of the olecranon requires a stable trochlear notch. *Clin Orthop*. 2004;(429):292-300.
 57. Ring D, Rhim R, Carpenter C, Jupiter JB. . Comminuted diaphyseal fractures of the radius and ulna: does bone grafting affect nonunion rate? *J Trauma*. 2005;59(2):438-41.
 58. Ring D, Kadzielski J, Malhotra L, Lee SG, Jupiter JB. Psychological factors associated with idiopathic arm pain. *J Bone Joint Surg Am*. 2005;87-A(2):374-80.
 59. Levitz S, Ring D. Retrograde (volar) scaphoid screw insertion-a quantitative computed tomographic analysis. *J Hand Surg [Am]*. 2005;30(3):543-8.
 60. Ring D, Kocher M, Koris M, Thornhill TS. Revision of unstable capitellocondylar (unlinked) total elbow replacement. *J Bone Joint Surg Am*. 2005;87(5):1075-9.
 61. Ring D, Hotchkiss RN, Guss D, Jupiter JB. Hinged elbow external fixation for severe elbow contracture. *J Bone Joint Surg Am*. 2005;87(6):1293-6.
 62. Ring D, Patterson JD, Levitz S, Wang C, Jupiter JB. Both scanning plane and observer affect measurements of scaphoid deformity. *J Hand Surg [Am]*. 2005;30(4):696-701.
 63. Ring D, Prommersberger KJ, González Del Pino J, Capomassi M, Slullitel M, Jupiter JB. Corrective osteotomy for intra-articular malunion of the distal part of the radius. *J Bone Joint Surg Am*. 2005;87(7):1503-9.
 64. Ring D, Holovac T. Brachial plexus palsy after intramedullary fixation of a clavicular fracture. A report of three cases. *J Bone Joint Surg Am*. 2005;87(8):1834-7.
 65. Ring D, Rhim R, Carpenter C, Jupiter JB. Comminuted diaphyseal fractures of the radius and ulna: does bone grafting affect nonunion rate? *J Trauma*. 2005;59(2):438-41; discussion 442.
 66. Doornberg JN, Ring D, Fabian LM, Malhotra L, Zurakowski D, Jupiter JB. Pain dominates measurements of elbow function and health status. *J Bone Joint Surg Am*. 2005;87(8):1725-31.
 67. Ring D, Prommersberger K, Jupiter JB. Combined dorsal and volar plate fixation of complex fractures of the distal part of the radius. *J Bone Joint Surg Am*. 2005;87 Suppl 1(Pt 2):195-212.
 68. Adey L, Ring D, Jupiter JB. Health status after total wrist arthrodesis for posttraumatic arthritis. *J Hand Surg [Am]*. 2005;30(5):932-6.
 69. Sodha S, Ring D, Zurakowski D, Jupiter JB. Prevalence of osteoarthrosis of the trapeziometacarpal joint. *J Bone Joint Surg Am*. 2005;87(12):2614-8.
 70. Doornberg JN, Ring D. Coronoid fracture patterns. *J Hand Surg [Am]*. 2006;31(1):45-52.

71. Ring D, Rhim R, Carpenter C, Jupiter JB. Isolated radial shaft fractures are more common than Galeazzi fractures. *J Hand Surg [Am]*. 2006;31(1):17-21.
72. Ring D. Malunion and nonunion of the metacarpals and phalanges. *Instr Course Lect*. 2006;55:121-8.
73. Ring D, Jupiter JB. Operative treatment of osteochondral nonunion of the distal humerus. *J Orthop Trauma*. 2006;20(1):56-9.
74. Doornberg JN, Linzel DS, Zurakowski D, Ring D. Reference points for radial head prosthesis size. *J Hand Surg [Am]*. 2006;31(1):53-7.
75. Doornberg JN, van Duijn J, Ring D. Coronoid fracture height in terrible-triad injuries. *J Hand Surg [Am]*. 2006;31(5):794-7.
76. Harness NG, Ring D, Zurakowski D, Harris GJ, Jupiter JB. The influence of three-dimensional computed tomography reconstructions on the characterization and treatment of distal radial fractures. *J Bone Joint Surg Am*. 2006;88(6):1315-23.
77. Lozano-Calderón SA, Doornberg J, Ring D. Fractures of the dorsal articular margin of the distal part of the radius with dorsal radiocarpal subluxation. *J Bone Joint Surg Am*. 2006;88(7):1486-93.
78. Doornberg JN, Ring D, Jupiter JB. Static progressive splinting for posttraumatic elbow stiffness. *J Orthop Trauma*. 2006;20(6):400-4.
79. Andermahr J, Lozano-Calderon S, Trafton T, Crisco JJ, Ring D. The volar extension of the lunate facet of the distal radius: a quantitative anatomic study. *J Hand Surg [Am]*. 2006;31(6):892-5.
80. Doornberg J, Lindenhovius A, Kloen P, van Dijk CN, Zurakowski D, Ring D. Two and three-dimensional computed tomography for the classification and management of distal humeral fractures. Evaluation of reliability and diagnostic accuracy. *J Bone Joint Surg Am*. 2006;88(8):1795-801.
81. Prommersberger KJ, Ring D, Del Pino JG, Capomassi M, Slullitel M, Jupiter JB. Corrective osteotomy for intra-articular malunion of the distal part of the radius. Surgical technique. *J Bone Joint Surg Am*. 2006;88 Suppl 1 Pt 2:202-11.
82. Ring D, Kadzielski J, Fabian L, Zurakowski D, Malhotra LR, Jupiter JB. Self-reported upper extremity health status correlates with depression. *J Bone Joint Surg Am*. 2006;88(9):1983-8.
83. Mallette P, Ring D. Attitudes of hand surgeons, hand surgery patients, and the general public regarding psychologic influences on illness. *J Hand Surg [Am]*. 2006;31(8):1362-6.
84. Ring D, Adey L, Zurakowski D, Jupiter JB. Elbow capsulectomy for posttraumatic elbow stiffness. *J Hand Surg [Am]*. 2006;31(8):1264-71.
85. Doornberg JN, Ring DC. Fracture of the anteromedial facet of the coronoid process. *J Bone Joint Surg Am*. 2006;88(10):2216-24.
86. Rutgers M, Ring D. Treatment of diaphyseal fractures of the humerus using a functional brace. *J Orthop Trauma*. 2006;20(9):597-601.
87. Jawa A, McCarty P, Doornberg J, Harris M, Ring D. Extra-articular distal-third diaphyseal fractures of the humerus. A comparison of functional bracing and plate fixation. *J Bone Joint Surg Am*. 2006;88(11):2343-7.

88. Lozano-Calderón S, Blazar P, Zurakowski D, Lee SG, Ring D. Diagnosis of scaphoid fracture displacement with radiography and computed tomography. *J Bone Joint Surg Am.* 2006;88(12):2695-703.
89. Adey L, Souer JS, Lozano-Calderon S, Palmer W, Lee SG, Ring D. Computed tomography of suspected scaphoid fractures. *J Hand Surg [Am].* 2007;32(1):61-6.
90. Mallette P, Zhao M, Zurakowski D, Ring D. Muscle Atrophy at Diagnosis of Carpal and Cubital Tunnel Syndrome. *J Hand Surg [Am].* 2007;32(6):855-858.
91. Lindenhovius AL, Felsch Q, Doornberg JN, Ring D, Kloen P. Open Reduction and Internal Fixation Compared With Excision for Unstable Displaced Fractures of the Radial Head. *J Hand Surg [Am].* 2007;32(5):630-636.
92. Mudgal CS, Ring D. Stacked plating for metadiaphyseal fractures of the distal radius: a technique report. *J Orthop Trauma.* 2007;21(1):63-6.
93. Soong M, Ring D. Ulnar nerve palsy associated with fracture of the distal radius. *J Orthop Trauma.* 2007;21(2):113-6.
94. Souer JS, Rutgers M, Andermahr J, Jupiter JB, Ring D. Perilunate fracture-dislocations of the wrist: comparison of temporary screw versus K-wire fixation. *J Hand Surg [Am].* 2007;32(3):318-25.
95. Doornberg J, Elsner A, Kloen P, Marti RK, van Dijk CN, Ring D. Apparently isolated partial articular fractures of the radial head: Prevalence and reliability of radiographically diagnosed displacement. *J Shoulder Elbow Surg.* 2007.
96. Ring D, Chin K, Taghinia AH, Jupiter JB. Nonunion after functional brace treatment of diaphyseal humerus fractures. *J Trauma.* 2007;62(5):1157-8.
97. Doornberg JN, Parisien R, van Duijn PJ, Ring D. Radial head arthroplasty with a modular metal spacer to treat acute traumatic elbow instability. *J Bone Joint Surg Am.* 2007;89(5):1075-80.
98. Doornberg JN, de Jong IM, Lindenhovius AL, Ring D. The anteromedial facet of the coronoid process of the ulna. *J Shoulder Elbow Surg.* 2007.
99. Doornberg JN, van Duijn PJ, Linzel D, Ring DC, Zurakowski D, Marti RK, Kloen P. Surgical treatment of intra-articular fractures of the distal part of the humerus. Functional outcome after twelve to thirty years. *J Bone Joint Surg Am.* 2007;89(7):1524-32.
100. Henket M, van Duijn PJ, Doornberg JN, Ring D, Jupiter JB. A comparison of proximal radioulnar synostosis excision after trauma and distal biceps reattachment. *J Shoulder Elbow Surg.* 2007.
101. Lindenhovius AL, Linzel DS, Doornberg JN, Ring DC, Jupiter JB. Comparison of elbow contracture release in elbows with and without heterotopic ossification restricting motion. *J Shoulder Elbow Surg.* 2007.
102. Cowan J, Lozano-Calderón S, Ring D. Quality of prospective controlled randomized trials. Analysis of trials of treatment for lateral epicondylitis as an example. *J Bone Joint Surg Am.* 2007;89(8):1693-9.
103. Ty JM, Lozano-Calderon S, Ring D. Computed Tomography for Triage of Suspected Scaphoid Fractures. *Hand.* 2007;On line.
104. Lozano-Calderon S, Doornberg J, Ring D. Retrospective Comparison of External

- Fixation and Volar Plating for Distal Radius Fracture. Hand. 2007;On line.
105. Anderson S, Lozano-Calderon S, Ring D. Stigmatization of Repetitive Hand Use in Newspaper Reports of Hand Illness. Hand. 2007;On line.
 106. Forthman C, Henket M, Ring DC. Elbow dislocation with intra-articular fracture: the results of operative treatment without repair of the medial collateral ligament. J Hand Surg [Am]. 2007;32(8):1200-9.
 107. Duckworth AD, Ring D, Kulijdian A, McKee MD. Unstable elbow dislocations. J Shoulder Elbow Surg. 2007.
 108. Duckworth AD, Kulijdian A, McKee MD, Ring D. Residual subluxation of the elbow after dislocation or fracture-dislocation: Treatment with active elbow exercises and avoidance of varus stress. J Shoulder Elbow Surg. 2007.
 109. Anthony SG, Mudgal CS, Delaney TF, Shin RD, Raskin KA, Ring DC. Recurrent intravascular papillary endothelial hyperplasia of the right middle finger treated with radiation therapy. J Bone Joint Surg Br. 2008;90(1):95-7.
 110. Linzel D, Ring D, Jupiter J. Diaphyseal fracture of the radius with dislocation of the proximal radioulnar joint. J Trauma. 2008;64(2):503-6.
 111. Souer JS, Lozano-Calderon SA, Ring D. Predictors of wrist function and health status after operative treatment of fractures of the distal radius. J Hand Surg [Am]. 2008;33(2):157-163.

Proceedings of Meetings

1. Ring D, Wenger DR, Johnston C. Infectious spondylitis in children - The convergence of discitis and osteomyelitis. In: Annual Meeting of the Pediatric Orthopaedic Society of North America; ;1993. p. .
2. Ring D, Wenger DR, Johnston C. Infectious spondylitis in children - The convergence of discitis and osteomyelitis. In: Twentieth Annual David H. Sutherland Visiting Professorship; March 26, 1993; San Diego, California. ;1993. p. .
3. Ring D, Wenger DR, Johnston C. Infectious spondylitis in children - The convergence of discitis and osteomyelitis. In: Scoliosis Research Society; 9/18-23/1993; Dublin, Ireland. ;1993. p. .
4. Ring D, Jupiter JB: Limb deformity in osteogenesis imperfecta treated by the method of distraction Histogenesis. In: 25th Annual Meeting of the Eastern Orthopaedic Association; October 12-16, 1994; Southampton, Bermuda. ;1994. p. .
5. Jupiter JB, Ring D, Rosen H. Complications of the management of nonunion in severely obese patients. Awarded Honorary Mention. In: American College of Surgeons Resident Trauma Paper Competition (Massachusetts Regional); 11/9/1994; Boston, Massachusetts. ;1994. p. .
6. Vaccaro AR, Ring D, Scuderi G, Garfin SR. Vertebral artery location in relation to the vertebral body as determined by two dimensional CT evaluation. In: 62nd Annual Meeting of the American Academy of Orthopaedic Surgeons; 2/1/1995; Orlando, Florida. ;1995. p. .

7. Ring D, Jupiter JB, Sanders R, Mast J, Simpson NS. Trans-olecranon fracture-dislocation of the elbow. In: First Annual MGH Hand Surgery Update; 1/20/1996; Boston, MA. ;1996. p. .
8. Ring D, Jupiter JB, Sanders RA, Quintero J, Santoro VM, Ganz R, Marti RK. Treatment of complex ununited fractures of the femoral diaphysis using wave plate osteosynthesis. In: 63rd Annual Meeting of the American Academy of Orthopaedic Surgery; February 22-26, 1996; Atlanta, Georgia. ;1996. p. .
9. Jupiter JB, Ring D. A comparison of early and late reconstruction of malunited fractures of the distal end of the radius. In: MGH Annual Visiting Professor of Hand Surgery; 5/16/1996; Boston, MA. ;1996. p. .
10. Ring D, Waters PM. Operative Fixation of Monteggia Fractures in Children. In: Osgood Day, Massachusetts General Hospital; 5/31/1996; Boston, MA. ;1996. p. .
11. Jupiter JB, Ring D, Goldstock L. Post-traumatic proximal radioulnar synostosis. In: 51st Annual Meeting of the American Society for Surgery of the Hand; 8/30/1996 to 9/3/1996; Nashville, Tennessee. ;1996. p. .
12. Ring D, Jupiter JB, Brennwald J, Büchler U, Hastings H II. Prospective multicenter trial of a new plate for dorsal fixation of the distal radius. In: 51st Annual Meeting of the American Society for Surgery of the Hand; 8/30/1996 - 9/3/1996; Nashville, Tennessee. ;1996. p. .
13. Jupiter JB, Ring D, Goldstock L. Post-traumatic Proximal Radioulnar Synostosis. In: 8th Annual Richard Smith Memorial Lecture; 9/20/1996; Boston, MA. ;1996. p. .
14. Ring D, Jupiter JB, Brennwald J, Ulrich Büchler U, Hastings H II. Prospective multicenter trial of a new plate for dorsal fixation of the distal radius. In: Second Annual MGH Hand Surgery Update; 9/21/1996; Boston, MA. ;1996. p. .
15. Jupiter JB, Ring D, Goldstock L. Post-traumatic proximal radioulnar synostosis. In: 12th Annual Meeting of the Orthopedic Trauma Association; 9/27-29/1996; Boston, Massachusetts. ;1996. p. .
16. Ring D, Simmons BP, Hayes M. Continuous passive motion following metacarpophalangeal joint arthroplasty. In: Annual Meeting of the Boston Hand Society; 11/21/1996; Cambridge, MA. ;1996. p. .
17. Ring D, Simpson NS, Jupiter JB. Monteggia lesions in the adult: A comparison of Bado Type 1 to Type 2 lesions. In: 64th Annual Meeting of the American Academy of Orthopaedic Surgery; 2/13-17/1997; San Francisco, California. ;1997. p. .
18. Ring D, Jupiter JB. Ilizarov fixation of infected and contaminated fracture of the distal humerus. In: 7th Annual Meeting of the Association for Study and Application of the Methods of Ilizarov; 2/12/1997; San Francisco, California. ;1997. p. .
19. Ring D, Perry B, Jupiter JB. Functional outcome of operative treatment of ununited fractures of the diaphyseal humerus in the elderly. In: Annual Meeting of the Orthopaedic Trauma Association; Oct. 17-19, 1997; Louisville, Kentucky. . ;1997. p. .
20. Ring D, Jupiter JB, Hastings H II. The low profile p-plate for dorsal fixation of osteotomy of the distal radius for malunion. In: 9th Annual Richard Smith Memorial Lecture; 11/14/1997; Boston, MA. ;1997. p. .

21. Ring D, Jupiter JB. Update on the pi-plate. In: Third Annual MGH Hand Surgery Update ; 11/15/1997; Boston, MA. ;1997. p. .
22. Ring D, Simpson NS, Jupiter JB. Monteggia fracture-dislocation in the adult. In: Annual Fall Meeting of the New England Orthopedic Society; 11/21/1997; Boston, MA. ;1997. p. .
23. Ring D, Jupiter JB, Hastings H II. The low profile p-plate for dorsal fixation of osteotomy of the distal radius for malunion. In: 25th Annual Meeting of the New England Hand Society; 12/5/1997; Sturbridge, MA. ;1997. p. .
24. Ring D, Jupiter JB. Burn contracture of the elbow. In: 10th Combined Meeting of the English Speaking Orthopaedic Associations of the World. February, 1998; Auckland, New Zealand. ;1998. p. .
25. Ring D, Perry B, Jupiter JB. Functional outcome of operative treatment of ununited fractures of the diaphyseal humerus in the elderly. In: 10th Combined Meeting of the English Speaking Orthopaedic Associations of the World. February, 1998; Auckland, New Zealand. ;1998. p. .
26. Ring D, Jupiter JB, Hastings H II, Pegoli, L. The low profile pi-plate for dorsal fixation of osteotomy of the distal radius for malunion. In: Federation of the European Societies for Surgery of the Hand Fifth Congress 1998 Residents Conference. February 25-28, 1998. ; Vienna, Austria. ;1998. p. .
27. Ring D, Jupiter JB, Gan B, Yaremchuk M. Infected nonunion of the tibia: Ilizarov versus bone graft techniques. In: First international meeting of the American Society for the Advancement of the Methods of Ilizarov. March 15-17 1998.; New Orleans, Louisiana.. ;1998. p. .
28. Gallay SH, Ring, D, Winston L, Jupiter JB, McKee MD. Functional outcome following repair of distal biceps tendon ruptures with suture anchors and a single incision technique. In: 65th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 19-23, 1998. ; New Orleans, Louisiana.. ;1998. p. .
29. Ring D, Jupiter JB, Hastings H. The low profile pi-plate for dorsal fixation of osteotomy of the distal radius for malunion. In: 65th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 19-23, 1998.; New Orleans, Louisiana. . ;1998. p. .
30. Ring D, Perry B, Jupiter JB. Ununited fractures of the humeral diaphysis in elderly patients. In: 65th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 19-23, 1998; New Orleans, Louisiana. . ;1998. p. .
31. Ring D, Perry B, Jupiter JB. The use of a blade plate to treat ununited fractures of the proximal humerus. In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; March 22, 1998; New Orleans, Louisiana. ;1998. p. .
32. Ring D, Jupiter JB. Burn contracture of the elbow. In: Seventh Congress of the International Federation of Societies for Surgery of the Hand. May 24-28, 1998.; Vancouver, British Columbia, Canada.. ;1998. p. .
33. Gallay SH, Ring D, Winston L, Jupiter JB, McKee MD. Functional outcome following repair of distal biceps tendon ruptures with suture anchors and a single incision technique. In: 53rd Annual Meeting of the Canadian Orthopaedic Association. June 20-23, 1998. ; Ottawa, Ontario, Canada. ;1998. p. .

34. Ring D, Jupiter JB, Zilberfarb J. Fracture-dislocation of the elbow: the risk of instability according to fracture pattern. In: 53rd Annual Meeting of the American Society for Surgery of the Hand. September 10-12, 1998. ; Minneapolis, Minnesota.. ;1998. p. .
35. Ring D, Kharrazi FD, Quintero J, Jupiter JB. Nonunion following ORIF of radial head fractures. In: 53rd Annual Meeting of the American Society for Surgery of the Hand. September 10-12, 1998. ; Minneapolis, Minnesota.. ;1998. p. .
36. Ring D, Reitman R, Fernandez D, Jupiter JB. United fractures of the distal radius: Treatment with plate fixation and autogenous bone graft. In: 53rd Annual Meeting of the American Society for Surgery of the Hand, Residents and Fellows Conference. September 10-12, 1998. ; Minneapolis, Minnesota.. ;1998. p. .
37. Ring D, Jupiter JB, Zilberfarb J. Fracture-dislocation of the elbow: the risk of instability according to fracture pattern. In: 14th Annual Meeting of the Orthopaedic Trauma Association. October 8-10, 1998.; Vancouver, British Columbia, Canada. . ;1998. p. .
38. Ring D, Reitman R, Fernandez D, Jupiter JB. United fractures of the distal radius: Treatment with plate fixation and autogenous bone graft. In: 10th Annual Richard J. Smith Memorial Lecture; 11/13/1998; Boston, MA. ;1998. p. .
39. Ring D, Perry B, Jupiter JB. The functional outcome of the operative treatment of ununited fractures of the humeral diaphysis in elderly patients. In: Annual Fall Meeting of the New England Orthopaedic Society; 11/20-21/1998; ;1998. p. .
40. Ring D, Jupiter JB. Post-traumatic instability of the elbow: hinged fixation and reconstruction of the coronoid. In: 9th Annual Meeting of the Association for the Study and Applications of the Methods of Ilizarov. February 2, 1999. ; Dana Point, CA. ;1999. p. .
41. Ring D, Jupiter JB, Zilberfarb J. Fracture-dislocation of the elbow: the risk of instability according to fracture pattern. In: 15th Annual Open Meeting of the American Shoulder and Elbow Surgeons; February 7, 1999; Anaheim, CA. ;1999. p. .
42. Ring D, Jupiter JB. The operative release of bony elbow ankylosis: The results are better after trauma than after severe burns. In: 15th Annual Open Meeting of the American Shoulder and Elbow Surgeons; February 7, 1999; Anaheim, CA. ;1999. p. .
43. Ring D, Cassidy C, Jupiter JB. Nerve-related complications of fractures of the distal radius. In: 67th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 16-20, 1999.; Orlando, Florida.. ;1999. p. .
44. Ring D, Jupiter JB. The techniques and results of operative fixation and reconstruction of the coronoid. In: 16th Annual Open Meeting of the American Shoulder and Elbow Surgeons. March 19, 1999. ; Orlando, Florida.. ;1999. p. .
45. Ring D, Perry B, Jupiter JB. The functional outcome of the operative treatment of ununited fractures of the humeral diaphysis in elderly patients. In: Harvard Combined Orthopaedic Residency, Thesis Day; 5/5/1999; Cambridge, MA. ;1999. p. .
46. 1. Ring D, Jupiter JB, Zilberfarb J. Fracture-dislocation of the elbow: the risk of

- instability according to fracture pattern. The Henry Meyerding Award paper. In: Annual Meeting of the American Fracture Association. June 1999.; Tucson, AZ. ;1999. p. .
47. Ring D, Jupiter JB. Fractures of the coronoid. In: 54th Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conference. September 1, 1999. ; Boston, MA. ;1999. p. .
 48. Roberge C, Ring D, Jupiter JB. Comparison of structural and nonstructural bone graft for distal radius osteotomy. In: 54th Annual Meeting of the American Society for Surgery of the Hand. September 2-4, 1999. ; Boston, MA. ;1999. p. .
 49. Cassidy C, Ring D, Constanz B, Norian SRS vs. conventional therapy in distal radius fractures: minimum one-year follow-up on 323 patients. In: 54th Annual Meeting of the American Society for Surgery of the Hand. September 2-4, 1999. ; Boston, MA. ;1999. p. .
 50. Patterson P, Simmons B, Ring D, Earp B. Static vs. dynamic splinting and early motion after metacarpalphalangeal arthroplasty. In: 54th Annual Meeting of the American Society for Surgery of the Hand. September 2-4, 1999. ; Boston, MA. ;1999. p. .
 51. Ring D, Jupiter JB. The management of complications of posterior Monteggia fractures. In: 54th Annual Meeting of the American Society for Surgery of the Hand. September 2-4, 1999. ; Boston, MA. ;1999. p. .
 52. Chin K, Ring D, Jupiter JB. The techniques and results of operative fixation and reconstruction of the coronoid. In: 54th Annual Meeting of the American Society for Surgery of the Hand. September 2-4, 1999. ; Boston, MA. ;1999. p. .
 53. Ring D, Kharrazi FD, Quintero J, Jupiter JB. Nonunion following ORIF of radial head fractures. In: 15th Annual Meeting of the Orthopaedic Trauma Association. Oct. 22-24, 1999.; Charlotte, North Carolina.. ;1999. p. .
 54. Ring D, Jupiter JB. Dual plate fixation of fractures of the distal radius. In: 27th Annual Meeting of the New England Hand Society; 12/3/1999; Sturbridge, MA. ;1999. p. .
 55. Ring D, Cassidy C, Jupiter JB. Nerve-related complications of fractures of the distal radius. In: 27th Annual Meeting of the New England Hand Society; 12/31/1999; Sturbridge, MA. ;1999. p. .
 56. Ring D, Jupiter JB. The techniques and results of operative fixation and reconstruction of the coronoid. In: 27th Annual Meeting of the New England Hand Society; 12/3/1999; Sturbridge, MA. ;1999. p. .
 57. Ring D, Jupiter JB. Dual plate fixation of fractures of the distal radius. In: Third Combined Meeting of the Japanese and American Societies for Surgery of the Hand. March 28, 2000. ; Maui, Hawaii. . ;2000. p. .
 58. Ring D, Jupiter JB. The techniques and results of operative fixation and reconstruction of the coronoid. In: 2nd Biennial Meeting of the American Shoulder and Elbow Surgeons. May 5, 2000.; Miami, FL. ;2000. p. .
 59. Ring D, Morgan T, Jupiter JB. Post-traumatic radial club hand deformity. In: 11th Annual Richard J. Smith Memorial Lecture; 6/2/2000; Boston, MA. ;2000. p. .

60. Ring D, Gulotta L, Jupiter JB. Complex chondral fractures of the distal humerus. In: 6/4/2000; New Paltz, New York. ;2000. p. .
61. Ring D, Chin K, Jupiter JB. Olecranon osteotomy for fractures and nonunions of the distal humerus. In: Annual Spring Meeting of the New England Orthopaedic Society; 6/4/2000; New Paltz, New York. ;2000. p. .
62. Ring D, Jupiter JB. The techniques and results of operative fixation of the coronoid. In: Annual Spring Meeting of the New England Orthopaedic Society; 6/4/2000; New Paltz, New York. ;2000. p. .
63. Ring D, Jupiter JB, Kipps A, Roy AK, Gulotta L. Health status after elbow contracture release. In: 55th Annual Meeting of the American Society for Surgery of the Hand. October 5-7, 2000. ; Seattle, WA. ;2000. p. .
64. Chin KR, Ring D, Jupiter JB. Limiting complications associated with olecranon osteotomy for fractures and nonunions of the distal humerus. In: 55th Annual Meeting of the American Society for Surgery of the Hand. October 5-7, 2000. ; Seattle, WA. ;2000. p. .
65. Bozic KJ, Wilson DR, Perez L, Ring D. Mechanical properties of bioresorbable implants for metacarpal fracture fixation. In: 55th Annual Meeting of the American Society for Surgery of the Hand. October 5-7, 2000. ; Seattle, WA. ;2000. p. .
66. Ring D, Jupiter JB, Gulotta L. Complex chondral fractures of the distal humerus. In: Presented at the 31st Annual Meeting of the Eastern Orthopaedic Association; October 11-15, 2000.; Lake Buena Vista, FL.. ;2000. p. .
67. Ring D, Jupiter JB, Kipps A, Roy AK, Gulotta L. Health status after elbow contracture release. In: October 12-14, 2000.; San Antonio, TX. ;2000. p. .
68. Ring D, Jupiter JB, Roberge C, Gulotta L, Roy AK. Health status after elbow contracture release. In: Annual Winter Meeting of the New England Orthopaedic Society; 11/19/2000; Boston, MA. ;2000. p. .
69. Ring D, Jupiter JB, Campbell D, Sieber J. Operative fixation of unstable fractures of the distal ulna associated with fractures of the distal radius. In: Jan. 12, 2001. ; San Diego, CA.. ;2001. p. .
70. Bartholomew WE, Snyder BD, Kwak SD, Ring D. Femoral shaft fractures in children--comparative analysis of a new interlocking nail to current methods of treatment. In: Annual Meeting of the Orthopaedic Research Society. Feb. 27, 2001. ; San Francisco, CA.. ;2001. p. .
71. Ring D, Kocher M, Koris M. 1. Revision of unstable total elbow arthroplasty. In: 17th Annual Meeting of the American Shoulder and Elbow Surgeons. Mar. 3, 2001. ; San Francisco, CA.. ;2001. p. .
72. Ring D, Brunelli M, Morgan T, Steiber R, Campbell D, Jupiter J. ORIF of unstable fractures of the distal ulna associated with fractures of the distal radius. In: 12th Annual Richard J. Smith Memorial Lecture; 5/3/2001; Boston, MA . ;2001. p. .
73. Ring D, Fourn L, Jupiter J. Psychological factors in hand surgery. In: 12th Annual Richard J. Smith Memorial Lecture; 5/3/2001; Boston, MA. ;2001. p. .
74. Ring D, Levitz S, Patterson D, Jupiter JB. Quantitative Three-dimensional CT Analysis of the Scaphoid. In: 12th Annual Richard J. Smith Memorial Lecture;

- 5/3/2001; Boston, MA. ;2001. p. .
75. Ring D, Gulotta L, Jupiter JB. Total elbow arthroplasty after trauma. In: William Harris Festschrift; 5/12/2001; Boston, MA. ;2001. p. .
 76. Ring D, Fourt L, Jupiter J. Psychological factors in hand surgery. In: Annual Spring Meeting of the New England Orthopaedic Society; 6/2/2001; Cranwell Resort, Lenox, Massachusetts. ;2001. p. .
 77. Ring D, Levitz S, Patterson D, Jupiter JB. Quantitative Three-dimensional CT Analysis of the Scaphoid. In: Annual Spring Meeting of the New England Orthopaedic Society; 6/2/2001; Cranwell Resort, Lenox, Massachusetts. ;2001. p. .
 78. Ring D, Fourt L, Jupiter JB. Office use of the DASH: What do the numbers mean? In: 56th Annual Meeting of the American Society for Surgery of the Hand; October 4-6, 2001. ; Baltimore, MD. ;2001. p. .
 79. Prommersberger K, Ring D, Fernandez D, Jupiter JB, Lanz U. ORIF of ununited fractures of the distal radius: Does the size of the distal fragment matter? In: 56th Annual Meeting of the American Society for Surgery of the Hand; October 4-6, 2001. ; Baltimore, MD. ;2001. p. .
 80. Ring D, Levitz S, Jupiter JB. Quantitative three-dimensional CT analysis of the scaphoid. In: 56th Annual Meeting of the American Society for Surgery of the Hand; October 4-6, 2001. ; Baltimore, MD. ;2001. p. .
 81. Ring D, Hannouch D, Jupiter JB. The operative management of post-traumatic elbow instability. In: 56th Annual Meeting of the American Society for Surgery of the Hand; October 4-6, 2001. ; Baltimore, MD. ;2001. p. .
 82. Ring D, Prommersberger KJ, Gupta A, Jupiter JB. Combined dorsal and volar plate fixation of complex articular fractures of the distal radius. In: 18th Annual Meeting of the Orthopaedic Trauma Association; October 18-20, 2001.; San Diego, California. . ;2001. p. .
 83. Ring D, Prommersberger KJ, Morgan T, Jupiter JB. ORIF of ununited fractures of the distal radius. In: 18th Annual Meeting of the Orthopaedic Trauma Association; October 18-20, 2001.; San Diego, California. . ;2001. p. .
 84. Murray MM, Trahan C, Ring D, Vrahas M. The death of articular chondrocytes after intraarticular fracture. In: 18th Annual Meeting of the Orthopaedic Trauma Association; October 18-20, 2001.; San Diego, California. . ;2001. p. .
 85. Ring D, Jupiter JB, Gulotta L. Ununited fractures of the distal humerus: plate fixation and autogenous bone graft. In: 18th Annual Meeting of the Orthopaedic Trauma Association; October 18-20, 2001.; San Diego, California. . ;2001. p. .
 86. Prommersberger KJ, Ring D, Fernandez DL, Jupiter JB, Lanz U: Pseudarthrosen nach distalen Radiusfrakturen: Ist der Erhalt des Radiokarpalgelenkes bei kleinem distalen Fragment sinnvoll? (Nonunion following distal radial fracture: Make it sense to preserve the radiocarpal joint in cases with a small distal fragment?). In: Jahrestagung der Deutschen Gesellschaft für Unfallchirurgie; Nov. 14-17, 2001; Berlin, Germany. ;2001. p. .
 87. Ring D, Hannouch D, Jupiter JB. Post-traumatic instability of the elbow. In: Annual Fall Meeting of the New England Orthopaedic Society; 11/16/2001; Boston, MA.

- ;2001. p. .
88. Ring D, Prommersberger KJ, Lanz U, Jupiter JB. Carpal alignment in malunited fractures of the distal radius: comparison of dorsally and palmarly angulated malunions. In: 29th Annual Meeting of the New England Hand Society; 12/7/2001; Sturbridge, MA. ;2001. p. .
 89. Ring D, Prommersberger KJ, Morgan T, Jupiter JB. ORIF of ununited fractures of the distal radius: does the size of the distal fragment affect the result? In: 29th Annual Meeting of the New England Hand Society; 12/7/2001; Sturbridge, MA. ;2001. p. .
 90. Ring D, Levitz S, Jupiter JB. Pitfalls in the diagnosis of scaphoid fractures with computed tomography. In: 29th Annual Meeting of the New England Hand Society; 12/7/2001; Sturbridge, MA. ;2001. p. .
 91. Ring D, Prommersberger KJ, Morgan T, Jupiter JB. Post-traumatic radial club hand deformity. In: 29th Annual Meeting of the New England Hand Society; 12/7/2001; Sturbridge, MA. ;2001. p. .
 92. Prommersberger KJ, Ring D, Fernandez DJ, Jupiter JB, Lanz U: Nonunion following distal radial fracture: Does the size of the distal fragment affect the result? In: XXXVIIe Congrès de la Société Française de Chirurgie de la Main; 12/13-15/2001; Paris, France. ;2001. p. .
 93. Prommersberger KJ, Ring D, Jupiter JB, Lanz U. Carpal alignment in malunited fractures of the distal radius: comparison of dorsally and palmarly angulated malunions. In: FESSH VIIIth Congress; 2002; Amsterdam, The Netherlands. . ;2002. p. .
 94. Ring D, Prommersberger K, Jupiter JB. Carpal malalignment related to malunion of the distal radius: comparison of dorsally and volarly angulated malunions. In: Annual Meeting of the American Association for Hand Surgery; January 9-12, 2002.; Cancun, Mexico. . ;2002. p. .
 95. Ring D, Levitz S, Jupiter JB. Pitfalls in the diagnosis of scaphoid fractures with computed tomography. In: Annual Meeting of the American Association for Hand Surgery; January 9-12, 2002.; Cancun, Mexico. . ;2002. p. .
 96. Ring D, Jupiter JB, Gulotta L. Ununited fractures of the distal humerus: plate fixation and autogenous bone graft. In: 18th Open Meeting of the American Shoulder and Elbow Surgeons; Feb. 16, 2002; Dallas, TX. ;2002. p. .
 97. Ring D, Prommersberger KJ, Gupta A, Jupiter JB. Combined dorsal and volar plate fixation of complex articular fractures of the distal radius. In: 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 15, 2002.; Dallas, TX. ;2002. p. .
 98. Ring D, Prommersberger KJ, Morgan T, Jupiter JB. ORIF of ununited fractures of the distal radius: Does the size of the distal fragment matter?. In: 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 15, 2002.; Dallas, TX. ;2002. p. .
 99. Ring D, Jupiter JB, Gulotta L. The operative treatment of post-traumatic flail elbows. In: 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 15, 2002.; Dallas, TX. ;2002. p. .

100. Ring D, Jupiter JB, Gulotta L. Ununited fractures of the distal humerus: plate fixation and autogenous bone graft. In: 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 15, 2002.; Dallas, TX. ;2002. p. .
101. Ring D, Jupiter JB, Gulotta L. Ununited fractures of the distal humerus: plate fixation and autogenous bone graft. In: 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 15, 2002.; Dallas, TX. ;2002. p. .
102. Ring D, Kloen P, Kadzielski J, Helfet D, Jupiter J. Locking compression plates for delayed unions and nonunions of the diaphyseal humerus. In: International society for fracture repair meeting on osteoporotic fractures. May 2002; Bologna, Italy, . . ;2002. p. .
103. McCarthy P, Ring D, Campbell D, Jupiter JB. Condylar blade plate fixation of unstable fractures of the distal ulna associated with fractures of the distal radius. In: 57th Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conference. Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
104. Adey L, Ring D, Jupiter JB. Health status after wrist arthrodesis for post traumatic arthritis. In: 57th Annual Meeting of the American Society for Surgery of the Hand; Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
105. Ring D, Prommenberger KJ, Chen ACY, Slullitel M, Capomassi M, Jupiter JB. Intraarticular osteotomy of distal radius malunion. In: 57th Annual Meeting of the American Society for Surgery of the Hand; Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
106. Tavakolian J, Ring D, Kloen D, Helfet D, Jupiter JB. Loss of alignment after operative treatment of posterior Monteggia fractures: Salvage with dorsal contoured plating. In: 57th Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conferences. Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
107. Harness N, Ring D, Jupiter JB. Pitfalls of volar Barton's fractures. In: 57th Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conference; Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
108. Ring D, Kadzielski J, Fourt L, Lee SP, Jupiter JB. Psychological factors in idiopathic arm pain. In: 57th Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conferences. Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
109. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture: should high-energy injuries be explored? In: 57th Annual Meeting of the American Society for Surgery of the Hand; Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
110. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture: should high-energy injuries be explored? In: 57th Annual Meeting of the American Society for Surgery of the Hand; Oct. 3-5, 2002.; Phoenix, AZ. . ;2002. p. .
111. Adey L, Ring D, Jupiter JB. Health status after wrist arthrodesis for post traumatic arthritis. In: Annual Meeting of the Orthopaedic Trauma Association; Oct. 11-13, 2002.; Toronto, Ontario, Canada. . ;2002. p. .
112. Prommersberger KJ, Ring D, Lanz U, Jupiter JB. Carpal alignment in malunited

- fractures of the distal radius: comparison of dorsally and palmarly angulated malunions. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002.; Amelia Island, Florida. ;2002. p. .
113. Ring D, Adey L, Levitz S, Jupiter JB. Computed tomography of suspected scaphoid fractures. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002. ; Amelia Island, Florida. . ;2002. p. .
 114. Ring D, McCarty P, Campbell D, Jupiter JB. Condylar blade plate for unstable fractures of the distal ulna associated with distal fractures. Paper presented at the. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002. ; Amelia Island, Florida. . ;2002. p. .
 115. Ring D, Jafarnia K, Allende C, Jupiter JB. Diaphyseal nonunion of the forearm. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002.; Amelia Island, Florida. . ;2002. p. .
 116. Adey L, Ring D, Jupiter JB. Health status after wrist arthrodesis for post traumatic arthritis. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002. ; Amelia Island, Florida. . ;2002. p. .
 117. Ring D, Prommenberger KJ, Chen ACY, Slullitel M, Capomassi M, Jupiter JB. Intraarticular osteotomy of distal radius malunion. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002; Amelia Island, FL. ;2002. p. .
 118. Ring D, Kloen P, Helfet D, Jupiter JB. Locking compression plate for delayed unions and nonunions of the humerus. In: Annual Meeting of the Eastern Orthopaedic Association. 10/17-19/2002; Amelia Island, FL. ;2002. p. .
 119. Ring D, Chin K, Taghinia A, Jupiter JB. Nonunion after functional brace treatment of diaphyseal humerus fracture. In: Annual Meeting of the Eastern Orthopaedic Association. Oct. 17-19, 2002. ; Amelia Island, Florida. ;2002. p. .
 120. Ring D, Jupiter JB, Gulotta L: Ununited fracture of the distal humerus with flail instability: can the native elbow be preserved? In: Annual Meeting of the Eastern Orthopaedic Association. 10/17-19/2002; Amelia Island, Florida. ;2002. p. .
 121. Ring D, Hannouche D, Jupiter JB. Reconstruction of Post-Traumatic Elbow Instability. In: 77th Annual Meeting of the French Orthopaedic Society. Nov. 12-15, 2002; Paris, Franch. ;2002. p. .
 122. Ring D, Cassidy C, Jupiter JB. Nerve-related complications of fractures of the distal radius. In: Annual Fall Meeting of the New England Orthopaedic Society; 11/15/2002; Boston, MA. ;2002. p. .
 123. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture. In: Annual Fall Meeting of the New England Orthopaedic Society; 11/15/2002; Boston, MA. ;2002. p. .
 124. Ring D, Prommenberger KJ, Chen ACY, Slullitel M, Capomassi M, Jupiter JB. Intraarticular osteotomy of distal radius malunion. In: 70th Annual Meeting of the American Academy of Orthopaedic Surgeons; 2/1/2003; New Orleans, LA. ;2003. p. .
 125. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture: should high-energy injuries be explored? In: Annual Meeting of the

- American Shoulder and Elbow Surgeons; 2/2003; New Orleans, LA. ;2003. p. .
126. Ring D, Jupiter JB, Gulotta L. Uninited fracture of the distal humerus with flail instability: can the native elbow be preserved? In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 2/2003; New Orleans, LA. ;2003. p. .
 127. Ring D, Adey L, Jupiter JB. Health Status after Elbow Contracture Release. In: 14th Annual Richard J. Smith Memorial Lectureship; 5/15/2003; Boston, MA. ;2003. p. .
 128. Ring D, Guss D, Jupiter JB. Idiopathic arm pain. In: 14th Annual Richard J. Smith Memorial Lectureship; 5/15/2003; Boston, MA. ;2003. p. .
 129. Ring D, Rhim R, Carpenter C, Jupiter JB. Isolated radius fractures: Are they all Galeazzi lesions? In: 14th Annual Richard J. Smith Memorial Lectureship; 5/15/2003; Boston, MA. ;2003. p. .
 130. Ring D, Fabian L, Fourt L, Jupiter JB. Pain dominates measurements of elbow function and health status. In: 14th Annual Richard J. Smith Memorial Lectureship; 5/15/2003; Boston, MA. ;2003. p. .
 131. Ring D, Doornberg J. Coronoid fracture patterns. In: Annual Meeting of the American Society for Surgery of the Hand; September 18-20, 2003.; Chicago, IL. . ;2003. p. .
 132. Ring D, Guss D, Hotchkiss RN, Jupiter JB. Hinged elbow fixation for severe elbow contractures. In: Annual Meeting of the American Society for Surgery of the Hand; September 18-20, 2003.; Chicago, IL. . ;2003. p. .
 133. Ring D, Fabian L, Fourt L, Jupiter JB. Pain dominates measurements of elbow function and health status. In: Annual Meeting of the American Society for Surgery of the Hand; September 18-20, 2003.; Chicago, IL. . ;2003. p. .
 134. Ring D, Rhem R, Carpenter C, Jupiter JB. The DRUJ is isolated radial shaft fractures: are they all Galeazzi lesions? Presented at the , In: Annual Meeting of the American Society for Surgery of the Hand; September 18-20, 2003. ; Chicago, IL. . ;2003. p. .
 135. Forthman C, Ring D. Fracture-dislocation of the elbow: can injury components be predicted based upon injury patterns. In: Annual Meeting of the American Society for Surgery of the Hand. Residents and Fellows Conference; September 17, 2003. ; Chicago, IL. . ;2003. p. .
 136. Ring D, Doornberg J. Coronoid fracture patterns. In: Annual Meeting of the Orthopaedic Trauma Association; Oct. 9-11, 2003.; Salt Lake City, UT. . ;2003. p. .
 137. Forthman C, Ring D. Fracture-dislocation of the elbow: Can injury components be predicted based upon injury patterns? In: Annual Winter Meeting of the New England Orthopaedic Society; 11/28/2003; Boston, MA. ;2003. p. .
 138. Ring D, Guss D, Malhotra L, Jupiter JB. Idiopathic Arm Pain. In: Annual Winter Meeting of the New England Orthopaedic Society; 11/28/2003; Boston, MA. ;2003. p. .
 139. Forthman C, Ring D. Fracture-dislocation of the elbow: Can injury components be predicted based upon injury patterns? Sturbridge, MA. ;2003.
 140. Ring D, Rhim R, Carpenter C, Jupiter JB. Comminuted diaphyseal fractures of the radius and ulna: does bone grafting affect nonunion? In: 31st Annual Meeting of the

- New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
141. Ring D, Doornberg J. Coronoid fracture patterns. In: 31st Annual Meeting of the New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
 142. Ring D, Jafarnia K, Allende C, Jupiter JB. Diaphyseal nonunion of the forearm. In: 31st Annual Meeting of the New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
 143. Ring D, Doornberg J. Fractures of the distal radius with dorsal radiocarpal subluxation. In: 31st Annual Meeting of the New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
 144. Ring D, Doornberg J, Fabian L, Fourt L, Jupiter JB. Pain dominates measurements of elbow function and health status. In: 31st Annual Meeting of the New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
 145. Forthman C, Ring D. Treatment of acute traumatic elbow instability without medial collateral ligament repair. In: 31st Annual Meeting of the New England Hand Society; 12/5/2003; Sturbridge, MA. ;2003. p. .
 146. Forthman C, Ring D. Fracture-dislocations of the elbow: Can injury components be predicted based upon injury pattern? In: Annual Open Meeting of the American Shoulder and Elbow Surgeons. March 13, 2004. ; San Francisco, CA. ;2004. p. .
 147. Doornberg J, Ring D. Coronoid fracture patterns. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004. ; Washington, DC. . ;2004. p. .
 148. Ring D, Forthman C. Fracture-dislocations of the elbow: can injury components be predicted based upon injury patterns. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004.; Washington, DC. . ;2004. p. .
 149. Guss D, Ring D, Jupiter JB, Hotchkiss RN. Hinged elbow fixation for severe elbow contracture. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004. ; Washington, DC. . ;2004. p. .
 150. Jupiter JB, Ring D, Kloen P, Kadzielski J, Helfet D. Locking compression plates for delayed union and nonunion of the diaphyseal humerus. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004. ; Washington, DC. . ;2004. p. .
 151. Tavakolian J, Ring D, Kloen P, Helfet D, Jupiter JB. Loss of alignment after operative treatment of posterior Monteggia fractures: salvage with dorsal contoured plate fixation. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004. ; Washington, DC. . ;2004. p. .
 152. Fabian L, Ring D, Malhotra L, Kadzielski J, Jupiter JB. Pain dominates measurements of elbow function and health status. In: Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004; Washington, DC . ;2004. p. .
 153. Forthman C, Ring D. Treatment of acute traumatic elbow instability without medial collateral ligament repair. In: Presented at the Ninth International Shoulder and Elbow Surgery Conference. May 2-5, 2004.; Washington, DC.. ;2004. p. .
 154. Tavakolian J, Ring D. Hemiarthroplasty versus operative fixation in 3 and 4 part fractures of the proximal humerus: treatment strategies based on decision analysis. In: Osgood/Thesis Day. Harvard Combined Orthopaedic Residency Program;

- 5/5/2004; Boston, MA. ;2004. p. .
155. Harness N, Ring D, Zurakowski D, Jupiter JB. The influence of three-dimensional computed tomography scans on the characterization and treatment of distal radius fractures. In: Osgood/Thesis Day. Harvard Combined Orthopaedic Residency Program; 5/5/2004; Boston, MA. ;2004. p. .
 156. Guss D, Ring D, Jupiter JB, Hotchkiss RN. Hinged elbow fixation for severe elbow contracture. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 157. Parisien R, Doornberg J, Ring D. Metallic radial head prosthesis for fracture-dislocations of the elbow. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 158. Sodha S, Ring D, Jupiter JB. Prevalence of thumb carpometacarpal joint arthritis. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 159. Doornberg J, Ring D. Reference points for radial head prosthesis height: how to avoid overstuffing the elbow joint. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 160. Reid A, Fabian L, Malhotra L, Kadielski J, Ring D. The influence of psychological factors on self-reported upper extremity health status. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 161. Harness N, Ring D, Zurakowski D, Jupiter JB. The influence of three-dimensional computed tomography scans on the characterization and treatment of distal radius fractures. In: 15th Annual Richard J. Smith Memorial Lecture; 5/20/2004; Boston, MA. ;2004. p. .
 162. Mudgal CS, Mudgal SC, Ring D. Paint gun injuries of the hand. A report of five cases and overview of current literature. In: International Federation of Societies for Surgery of the Hand; June 13-17, 2004; Budapest, Hungary. ;2004. p. .
 163. Parisien R, Doornberg J, Ring D. Fracture-Dislocations of the Elbow: Replacement of the Fractured Radial Head with a Modular Metal Prosthesis. In: Annual Meeting of the Orthopaedic Trauma Association. October 9-11, 2004. ; Ft. Lauderdale, Florida. . ;2004. p. .
 164. Doornberg J, Ring D. Static progressive elbow splinting for post-traumatic elbow stiffness. In: Annual Meeting of the Orthopaedic Trauma Association. October 9-11, 2004. ; Ft. Lauderdale, Florida. . ;2004. p. .
 165. Doornberg J, Ring D. Distal radius fractures: percutaneous vs. volar plating. In: Annual Fall Meeting of the New England Orthopaedic Society ; 11/20/2004; Boston, Massachusetts. ;2004. p. .
 166. Doornberg J, Linzel D, Ring D. Reference points for radial head prosthesis. In: Annual Fall Meeting of the New England Orthopaedic Society; 11/20/2004; Boston, Massachusetts. ;2004. p. .
 167. Forthman C Ring D. Treatment of Acute Traumatic Elbow Instability Without Medial Collateral Ligament Repair. In: 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons; 2/23/05 to 2/27/05; Washington DC. ;2005. p. .
 168. Kadzielski J Ring D Fabian L Malhotra L Jupiter JB. The Influence of Psychological

- Factors on Self-Reported Upper Extremity Health Status . In: Annual Meeting of the American Academy of Orthopaedic Surgeons; 2/23/05 to 2/27/05; Washington DC. ;2005. p. .
169. Ring D Parisien R Doornberg J. Fracture-dislocation of the elbow: Treatment with a modular metal radial head prosthesis. In: Open Meeting of the American Shoulder and Elbow Surgeons; 2/26/2005; Washington DC. ;2005. p. .
 170. Forthman C Ring D . Treatment of traumatic elbow instability without repair of the medial collateral ligament. In: Open Meeting of the American Shoulder and Elbow Surgeons; 2/26/2005; Washington DC. ;2005. p. .
 171. Doornberg J Ring D. Anteromedial Facet Coronoid Fractures. In: Annual Meeting of the American Society for Surgery of the Hand; 9/22/2005 to 9/24/2005; San Antonio, TX. ;2005. p. .
 172. Lozano-Caleron S Ring D. Dorsal Shearing Fractures of the Distal Radius. In: Annual Meeting of the American Society for Surgery of the Hand; 9/22/2005 to 9/24/2005; San Antonio, TX. ;2005. p. .
 173. Jawa A McCarty LP Harris M Ring D. Distal Third Diaphyseal Humerus Fractures: Operative vs. Non-operative Treatment. In: Annual Meeting of the Orthopaedic Trauma Association; 10/20 to 10/22/2005; Ottawa, Ontario, Canada. ;2005. p. .
 174. Rutgers M, Shin R, Jupiter JB, Ring D, Mudgal C. Combined fractures of the distal radius and scaphoid . In: New England Orthopaedic Society; 11/19/2005; Boston, MA. ;2005. p. .
 175. Lindenhovius ALC, Doornberg JN, Ring D, Jupiter JB. Elbow contracture release with and without excision of heterotopic ossification. In: New England Orthopaedic Society Annual Winter Meeting; 11/19/2005; Boston, MA. ;2005. p. .
 176. Rutgers M, Shin R, Jupiter JB, Ring D, Mudgal C. Combined fractures of the distal radius and scaphoid . In: 33rd Annual Meeting of the New England Hand Society; 12/2/05; Sturbridge, MA. ;2005. p. .
 177. Mudgal C, Mudgal S, Ring D. Paint Gun Injuries of the Hand: Surgical treatment of 5 cases and a review of literature . In: 33rd Annual Meeting of the New England Hand Society; 12/2/05; Sturbridge, MA. ;2005. p. .
 178. Lindenhovius ALC, Doornberg JN, Mudgal C, Forthman C, Jupiter JB, van Dijk CN, Kloen P, and Ring D. Reliability and Diagnostic Accuracy of Two- Versus Three-Dimensional Computed Tomography in the Classification and Management of Distal Humerus Fractures. In: 33rd Annual Meeting of the New England Hand Society; 12/2/05; Sturbridge, MA. ;2005. p. .
 179. Lozano S Blazar P Zurakowski D Lee SG Ring D. Diagnosis of Scaphoid Fracture Displacement Using Radiography and Computed Tomography. In: 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons; 3/22 to 3/26/2006; Chicago, IL. ;2006. p. .
 180. Jawa A McCarty LP Harris M Ring D. Distal Third Diaphyseal Humerus Fractures: Operative vs. Non-operative Treatment. In: 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons; 3/22 to 3/26/2006; Chicago, IL. ;2006. p. .
 181. Doornberg JN van Duijn PJ Linzel D Ring D Raaymakers E Marti RK Kloen P.

- Intra-Articular Distal Humerus Fractures: Functional Outcome after 12 to 30 Years. In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 3/22 to 3/26/2006; Chicago, IL. ;2006. p. .
182. Doornberg JN van Duijn PJ Linzel D Ring D Raaymakers E Marti RK Kloen P. Intra-Articular Distal Humerus Fractures: Functional Outcome after 12 to 30 Years. In: 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons; 3/22 to 3/26/2006; Chicago, IL. ;2006. p. .
183. Sodha S, Ring D, Zurakowski D, Jupiter JB. Prevalence of osteoarthritis of the trapeziometacarpal joint. . In: 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons; 3/22 to 3/26/2006; Chicago, IL. ;2006. p. .
184. Doornberg J Ring D. Anteromedial Facet Coronoid Fractures. In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 3/25/06; Chicago, IL. ;2006. p. .
185. Doornberg JN,Lindenhovius ALC, Linzel DS, Ring D, Jupiter JB . Comparison of Elbow Contracture Release in Elbows with and without Heterotopic Ossification Restricting Motion. In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 3/25/2006; Chicago, IL. ;2006. p. .
186. Jawa A, McCarty LP, Harris M, Ring D. Distal Third Diaphyseal Humerus Fractures: Operative vs. Nonoperative Treatment. In: Highlight papers from the OTA Annual Meeting; 3/25/2006; Chicago, IL. ;2006. p. .
187. Lindenhovius ALC, Doornberg JN, Mudgal CS, Ring DC, Kloen P . Long Term Outcome of Operatively Treated Complex Olecranon Fractures . In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 3/25/2006; Chicago, IL. ;2006. p. .
188. Ring D, Doornberg JN. Varus Posteromedial Rotational Elbow Injuries. In: Annual Open Meeting of the American Shoulder and Elbow Surgeons; 3/25/2006; Chicago, IL. ;2006. p. .
189. Henket M, Linzel D, Doornberg J, Ring D, Jupiter JB. . A comparison of proximal radioulnar synostosis excision after trauma and distal biceps reattachment. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
190. Gilligan B, Mudgal C, Jupiter JB, Ring D. Corticosteroid injection for lateral epicondylitis. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
191. Nolla JM, Ring D, Jupiter JB. Elbow interposition arthroplasty. . In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
192. Lindenhovius A, Doornberg JN, Ring D, Kloen P. Long-term outcome of operatively treated complex olecranon fractures. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
193. Bastian P, Lozano-Calderon S, Mudgal C, Jupiter JB, Ring D. Prospective randomized comparison of early vs. late wrist mobilization after volar plate fixation of distal radius fractures. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .

194. Shin R, Bastian P, Mudgal C, Jupiter JB, Ring D. Prospective randomized trial of injection of dexamethasone versus triamcinolone for idiopathic trigger finger. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
195. Lowe C, Ring D. Restrospective comparison of different therapeutic interventions used in post-operative treatment of Dupuytren's contracture. . In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
196. Cowan J, Lozano-Calderon S, Ring D. The quality of Level 1 and 2 Clinical Therapeutic Trials for Lateral Epicondylitis. In: 17th Annual Richard J. Smith Memorial Lecture; 5/11/2006; Boston, Massachusetts. ;2006. p. .
197. Ring D. Science and Psychology in Hand Surgery. In: 25th Anniversary of the Harvard Hand Fellowship; 5/12/2006; Boston, MA. ;2006. p. .
198. Ring D. Traumatic Elbow Instability. In: 6/2 to 6/4/2006; Camden, Maine. ;2006. p. .
199. Cowan J, Lozano-Calderon S, Ring D. Variation in Quality of Prospective Randomized Trials of Treatments for Lateral Epicondylitis. In: 61st Annual Meeting of the American Society for Surgery of the Hand; Sept. 7-9, 2006; Washington DC. ;2006. p. .
200. Dyer G, Lozano-Calderon S, Ring D. Predictors of Acute Carpal Tunnel Syndrome Associated with Fracture of the Distal Radius. In: 61st Annual Meeting of the American Society for Surgery of the Hand; Sept. 7-9, 2006; Washington DC. ;2006. p. .
201. Lozano-Calderon S, Mudgal C, Jupiter JB, Ring D. Prospective Randomized Comparison of Early vs. Late Wrist Mobilization after Volar Plate Fixation of Distal Radius Fractures. In: 61st Annual Meeting of the American Society for Surgery of the Hand; Sept. 7-9, 2006; Washington DC. ;2006. p. .
202. Slade J, Lozano-Calderon S, Merrell G, Ring D. Arthroscopic-assisted percutaneous screw fixation of displaced fractures of the scaphoid. In: 34th Annual Meeting of the New Enland Hand Society; 12/1/2006; Sturbridge, MA. ;2006. p. .
203. Lozano-Calderon S, Anthony S, Ring D. Etiology of Carpal Tunnel Syndrome-- Strength of Evidence. In: 34th Annual Meeting of the New Enland Hand Society; 12/1/2006; Sturbridge, MA. ;2006. p. .
204. Dyer G, Lozano-Calderon S, Ring D. Risk factors for acute carpal tunnel syndrome with distal radius fractures. In: 34th Annual Meeting of the New Enland Hand Society; 12/1/2006; Sturbridge, MA. ;2006. p. .
205. Cowan J, Lozano-Calderon S, Ring D. Variation in Quality of Prospective Controlled Randomized Trials in Lateral Epicondylitis. In: 34th Annual Meeting of the New Enland Hand Society; 12/1/2006; Sturbridge, MA. ;2006. p. .
206. Lozano-Calderon S Mudgal C Jupiter JB Ring D. Early versus late mobilization after ORIF distal radius fracture. In: 2/14-18/2007; San Diego, CA. ;2007. p. .
207. Ring D Shin R Bastian P Mudgal C Jupiter JB. Prospective randomized comparison of Dexamethasone and Kenalog injection for idiopathic trigger finger. In: 2/14-18/2007; San Diego, CA. ;2007. p. .

208. Lozano-Calderon S, Anthony S, Ring D. Quality and Strength of Evidence Supporting Occupational Risk Factors in Carpal Tunnel Syndrome. In: 2/14-18/2007; San Diego, CA. ;2007. p. .
209. Rutgers M, JP Torrano A, Ruijs Jupiter JB, Ring D. Transposition vs. Release and Protection of the Ulnar Nerve during ORIF of a Distal Humerus Fracture. In: 2/14-18/2007; San Diego, CA. ;2007. p. .
210. Lindenhovius A, Doornberg J, Ring D, Jupiter J. Health Status After Elbow Contracture Release. In: 5/11/2007; Boston, MA. ;2007. p. .
211. Cowan J, Mudgal C, Jupiter JB, Ring D. The determinants of return to work after carpal tunnel release. In: 5/11/2007; Boston, MA. ;2007. p. .
212. Souer JS, Ring D, RAudige L, Jupiter JB, and the AO-CID ORIF Distal Radius Study Group. The effect of an unrepaired ulnar styloid base fracture after ORIF distal radius. In: 5/11/2007; Boston, MA. ;2007. p. .
213. Lozano-Calderon S, Anthony S, Ring D. The strength and quality of evidence for etiology: example of carpal tunnel syndrome. In: 5/11/2007; Boston, MA. ;2007. p. .
214. Lindenhovius A, Jupiter JB, Ring D. A Prospective Randomized Controlled Trial of Dynamic vs. Static Progressive Elbow Splinting for Post-Traumatic Elbow Stiffness. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
215. Lindenhovius A, Henket M, Gilligan B, Lozano-Calderon S, Jupiter JB, Ring D. Corticosteroid Injection For Lateral Elbow Pain: A Randomized Placebo Controlled. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
216. Souer JS, Lozano-Calderon S, Ring D. Determinants of Health Status and Wrist Function after Operative Fixation of Distal Radius Fractures. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
217. Vranceanu A, Cowan J, Ring D. Idiopathic Arm Pain is a Somatoform Disorder. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
218. Vranceanu A, Cowan J, Ring D. Negative Misconceptions about Pain Predict Perceived Disability. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
219. Vranceanu A, Cowan J, Ring D. Psychological Distress in Idiopathic Arm Pain. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
220. Souer JS, Ring D, Jupiter JB. Volar Shearing Fractures of the Distal Radius Are Usually Complete Articular (AO/OTA Type C) Fractures. In: Annual Meeting of the American Society for Surgery of the Hand; 9/26-29/2007; Seattle, WA. Chicago: American Society for Surgery of the Hand;2007. p. .
221. Lindenhovius A, Buijz G, Kloen P, Ring D. Correspondence Between Objective Physical Impairment and Patient-Rated Disability after Elbow Trauma. In: Annual

- Meeting of the Orthopaedic Trauma Association; 10/18-20/2007; Boston, MA. Chicago, IL: Orthopaedic Trauma Association;2007. p. .
222. Souer JS, Lozano-Calderon S, Ring D. Determinants of health status and wrist function after operative fixation of distal radius fractures. In: Annual Meeting of the Orthopaedic Trauma Association; 10/18-20/2007; Boston, MA. Chicago, IL: Orthopaedic Trauma Association;2007. p. .
 223. Anneluuk L.C. Lindenhovius, MSc; Mathieu M.E. Wijffels, MD; Job N. Doornberg, PhD.; Jesse B. Jupiter, MD; Chaitanya S. Mudgal, MD; and David Ring, MD, PhD . A Prospective Randomized Controlled Trial of Dynamic vs. Static Progressive Elbow Splinting for Post-Traumatic Elbow Stiffness. In: 35th Annual Meeting of the New England Hand Society; 12/7/2007; Sturbridge, MA. ;2007. p. .
 224. Kim M Brouwer MSc; Thierry G Guitton BS; Job N Doornberg PhD; Peter Kloen MD PhD; David Ring MD PhD . Fractures of the Medial Column of the Distal Humerus in Adults. In: 35th Annual Meeting of the New England Hand Society; 12/7/2007; Sturbridge, MA. ;2007. p. .
 225. Sebastian Souer MD; Eric Fu BA; David Ring MD, PhD . High Coronal Fracture of the Distal Radius . In: 35th Annual Meeting of the New England Hand Society; 12/7/2007; Sturbridge, MA. ;2007. p. .

Reviews/Chapters/Editorials

1. Wenger DR, Davids JR, Ring D. Discitis and Vertebral Osteomyelitis. In: *The Pediatric Spine: Principles and Practice*. New York: Raven Press;1993.
2. Ring D, Jupiter JB. Managing Fractures of the Distal Radius. *J Musculoskel Med*. 1995;12:59-68.
3. Ring D, Waters PM. Management of fractures and dislocations of the elbow in children. *Acta Orthop Belg*. 1996;62 Suppl 1:58-65.
4. Ring D, Wenger DR. Pyogenic infectious spondylitis in children. The evolution to current thought. *Am J Orthop*. 1996;25(5):342-8.
5. Ring D, Jupiter JB: Clavicular fracture: A guide to basic management. *J Musculoskel Med*. 1997;14:65-73.
6. Ring D, Jupiter JB. Distraction histogenesis in the lower extremities. In: *Grabb and Smith's Plastic Surgery*; Aston SJ, Beasley RW, Thorne CHM, eds. Philadelphia: Lippincott-Raven;1997. p. 1049-1058.
7. Ring D, Jupiter JB. Dorsal fixation of distal radius fractures using the pi-plate. *Atlas Hand Clinics*. 1997;2:25-44.
8. Ring D, Jupiter JB. Elbow fractures in the adult. *Current Orthopaedics*. 1997;11:242-248.
9. Ring D, Jupiter JB, Miller ME, Ada JR. Fractures of the clavicle. In: *Skeletal Trauma*; Browner BD, Jupiter JB, Levine AM, Trafton PJ (eds.). Philadelphia: W.B. Saunders;1997. p. 1670-1700.
10. Jupiter JB, Ring D. Fractures of the distal humerus. In: *Orthopedic Knowledge Update: Shoulder and Elbow*. Norris TR (editor). Rosemont, IL: American Academy of

- Orthopaedic Surgeon;1997. p. 397-404.
11. Ring D, Jupiter JB. Operative fixation of fractures of the distal radius using the pi-plate. *Tech Hand Upper Ext Surg.* 1997;1:125-130.
 12. Ring D, Jupiter JB. Wave plate osteosynthesis in the upper extremity. *Tech Hand Upper Ext Surg.* 1997;1:168-174.
 13. Ring D, Jupiter JB. Operative fixation of fractures of the distal radius using the pi plate. *Tech Hand Up Extrem Surg.* 1997;1(2):125-30.
 14. Ring D, Jupiter JB. Wave Plate Osteosynthesis in the Upper Extremity. *Tech Hand Up Extrem Surg.* 1997;1(3):168-174.
 15. Ring D, Jupiter JB. Open reduction and internal fixation of fractures of the distal radius. In: *Fractures of the distal radius.* Harris Gellman, Ed. Rosemont, Illinois.: American Academy of Orthopaedic Surgeons ;1998. p. 37-53.
 16. Ring D, Jupiter JB. Traumatic instability of the elbow, Part 2. *Medscape Orthopaedics and Sports Medicine.* 1998;2(1):Internet.
 17. Ring D, Jupiter JB. Traumatic instability of the elbow, Part 1. *Medscape Orthopaedics and Sports Medicine.* 1998;2(1):Internet.
 18. Ring D, Jupiter JB. Fracture-dislocation of the elbow. *J Bone Joint Surg Am.* 1998;80(4):566-80.
 19. Ring D, Jupiter JB, Waters PM. Monteggia fractures in children and adults. *J Am Acad Orthop Surg.* 1998;6(4):215-24.
 20. Ring D, Jupiter JB. Complications of forearm fractures in adults. In: *Radius and Ulna.* McQueen M, Jupiter JB (eds.). London: Butterworth-Heinemann;1999. p. 119-137. .
 21. Ring D, Jupiter JB. Forearm anatomy. In: *Radius and Ulna.* McQueen M, Jupiter JB (eds). London: Butterworth-Heinemann ;1999. p. 37-62..
 22. Jupiter JB, Ring D. Fractures of the clavicle. In: *Disorders of the the Shoulder. Diagnosis and Management.* Ianotti GR and Williams, GR Jr. (eds.). Philadelphia: Lippincott Williams & Wilkins;1999. p. 709-736.
 23. Ring D, Jupiter JB. Mangling upper limb injuries in industry. *Injury.* 1999;30 Suppl 2:B5-13.
 24. Ring D, Jupiter JB. Open reduction and internal fixation of fractures of the distal radius. *Current Medical Literature: Orthopaedics.* 1999;12(2):25-29.
 25. Ring D, Jupiter JB. Open reduction and internal fixation of fractures of the distal radius. *Orthopaedic Update (India).* 1999;9:143-155.
 26. Ring D, Jupiter JB. Operative Exposures of the distal radius. *Tech Hand Upper Ext Surg.* 1999;3(4):259-264.
 27. Ring D, Jupiter JB. Traumatic instability of the elbow. *J Orthop Harvard Med School.* 1999;1.
 28. Ring D, Jupiter JB. Use of the compass hinge distractor for treatment of the stiff elbow. In: *Medscape Orthopaedics and Sports Medicine.* Internet;1999.
 29. Ring D, Jupiter JB. Complex fractures of the distal humerus and their complications. *J Shoulder Elbow Surg.* 1999;8(1):85-97.
 30. Ring D, Jupiter JB. Ununited fractures of the clavicle with bony defect: treatment with

- corticocancellous interposition bone graft and plate fixation. *Tech Hand Up Extrem Surg.* 1999;3(3):193-6.
31. Ring D, Jupiter JB. Operative exposure of fractures of the distal radius. *Tech Hand Up Extrem Surg.* 1999;3(4):259-64.
 32. Ring D, Jupiter JB. Approach to minor orthopaedic problems of the elbow, wrist, and hand. In: *Primary care medicine: Office Evaluation and Management of the Adult Patient.* Goroll A (ed.). Philadelphia: Lippincott Williams & Wilkins Publishers ;2000.
 33. Ring D, Jupiter JB. Approach to minor orthopaedic problems of the foot and ankle. In: *Primary care medicine: Office Evaluation and Management of the Adult Patient.* Goroll A (ed.). Philadelphia: Lippincott Williams & Wilkins Publishers;2000.
 34. Ring D, Jupiter JB. Approach to the patient with shoulder pain. In: *Primary care medicine: Office Evaluation and Management of the Adult Patient.* Goroll A (ed.). Philadelphia: Lippincott Williams & Wilkins Publishers;2000.
 35. Chin K, Ring D, Jupiter JB. Double Tension-band Fixation of the Olecranon. In: *Tech Should Elbow Surg.* *Tech Should Elbow Surgery*;2000. p. 61-66.
 36. Ring D, Jupiter JB. Fracture-Dislocations of the Elbow. In: *Fractures: Diagnosis and Treatment.* Moehring DH, Greenspan A. (Eds.). Philadelphia: McGraw-Hill;2000. p. 249-256 .
 37. Ring D, Jupiter JB. Fractures of the distal humerus. *Orthop Clin North Am.* 2000;31(1):103-13.
 38. Ring D, Jupiter JB. Fractures of the Distal Radius. In: *Plastic Surgery: Indications, Operations, and Outcomes.* Achauer BM, Eriksson E, Guyuron B, Coleman JJ, Russell RC, Vander Kolk CA, Wilkins EG (eds.). St. Louis, MO: Mosby-Year Book;2000. p. .
 39. Ring D, Jupiter JB. Operative fixation and reconstruction of the coronoid. *Tech Orthop.* 2000;15(2).
 40. Ring D, Jupiter JB. Plate fixation of fractures of the distal radius. *Tech Orthopaedics.* 2000;15(4):328-335.
 41. Ring D, Jupiter JB. Reconstruction of posttraumatic elbow instability. *Clin Orthop.* 2000;(370):44-56.
 42. Ring D, Jupiter JB. The operative management of post-traumatic proximal radioulnar synostosis. *Orthopaedics and Traumatology.* 2000;8(4):261-271.
 43. Ring D, Jupiter JB. Ununited fractures of the humerus: techniques or enhancing fixation of osteoporotic bone. *J Orthop Harvard Med School.* 2000;2.
 44. Ring D, Jupiter JB. Percutaneous and limited open fixation of fractures of the distal radius. *Clin Orthop.* 2000;(375):105-15.
 45. Ring D, Jupiter JB, Herndon JH. Acute fractures of the scaphoid. *J Am Acad Orthop Surg.* 2000;8(4):225-31.
 46. Wenger DR, Ring D, Hahnman G. Discitis and vertebral osteomyelitis. In: *The pediatric spine: principles and practice.* Weinstein S, ed. Philadelphia: Lippincott Williams & Wilkins Publishers;2001.
 47. Fourt L, Ring D, Jupiter JB. Psychological factors in upper extremity surgery. *Orthop J. Harvard Med School.* 2001;3 :87-91.

48. Ring D, Herndon JH. Implant arthroplasty of the metacarpophalangeal joint of the thumb. *Hand Clin.* 2001;17(2):271-3.
49. Ring D, Koris M, Jupiter JB. Instability after total elbow arthroplasty. *Orthop Clin North Am.* 2001;32(4):671-7, ix.
50. Ring D, Jupiter JB. Fractures of the scaphoid: evolving concepts and current research. *J Orthop Harvard Med School.* 2002;4:112-115.
51. Ring D. Intra-articular fractures of the distal radius. *J Am. Soc. Surg Hand.* 2002;2(2):60-77.
52. Ring D, Jupiter JB. Nonunion of the elbow. In: *Operative Techniques for the Elbow.* Baker CL, Plancher K (eds). New York: Springer-Verlag;2002.
53. Ring D, Jupiter JB. Surgical Exposure of Coronoid Fractures. *Tech Should Elbow Surg.* 2002;3(1):48-56.
54. Ring D, Jupiter JB. Fracture-dislocation of the elbow. *Hand Clin.* 2002;18(1):55-63.
55. Ring D, Jupiter JB. Nonunion of the distal radius. *Tech Hand Up Extrem Surg.* 2002;6(1):6-9.
56. McCarty LP, Ring D, Jupiter JB. Advances in the management of distal humerus fractures and their sequelae. *J Orthop Harvard Med School.* 2003;5:118-121.
57. Ring D, Jupiter JB. Diaphyseal fractures of the humerus. In: *Orthopaedic Knowledge Update Shoulder and Elbow 2.* Norris TR (editor). Rosemont, Illinois: American Academy of Orthopaedic Surgeons;2003. p. 237-251.
58. O'Driscoll SW, Jupiter JB, Cohen MS, Ring D, McKee MD. Difficult elbow fractures: pearls and pitfalls. *Instr Course Lect.* 2003;52:113-34.
59. Ring D, Jupiter JB. Fracture of the Distal Radius. In: *Clinical Orthopaedic Rehabilitation.* Philadelphia, PA: Mosby;2003. p. 55-66.
60. Ring D, Jupiter JB. Fractures of the distal humerus. In: *Orthopaedic Knowledge Update Shoulder and Elbow 2.* Norris TR (editor). Rosemont, Illinois: American Academy of Orthopaedic Surgeons;2003.
61. Ring D. Post-traumatic Skeletal Reconstruction. In: *Hand Surgery Update 3: Hand, Elbow and Shoulder.* Rosemont, IL: American Academy of Orthopaedic Surgery;2003. p. 37-46.
62. Ring D, Jupiter JB. Proximal ulna fractures and fracture-dislocations. In: *Orthopaedic Knowledge Update Shoulder and Elbow 2.* Norris TR (editor). Rosemont, Illinois: American Academy of Orthopaedic Surgeons;2003. p. 369-378.
63. Ring D, Jupiter JB. Rehabilitation after fractures of the distal radius. In: Brotzman BS and Wilk KE (editors): *Clinical Orthopaedic Rehabilitation, Second Edition.* In: Philadelphia: Mosby, Inc. ;2003. p. 55-66.
64. Forthman C, Ring D, Jupiter JB. Scaphoid nonunion: correction of deformity with bone graft and internal fixation. *Atlas of the Hand Clinics.* 2003;8(1):107-116.
65. Ring D, Jupiter J. Ununited diaphyseal fractures of the humerus: techniques for fixation of osteoporotic bone. *Tech Hand Up Extrem Surg.* 2003;7(1):2-6.
66. Ring D. Carpal Tunnel Syndrome. *Pain Relief Connection.* 2003;2(8).
67. Ring D, Jupiter JB. Acute Fractures, Malunions, and Nonunions of the Clavicle. In:

Complex and Revision Problems in Shoulder Surgery. Philadelphia, PA: Lippincott, Williams and Wilkins;2004. p. 395-414.

68. Ring D, Jupiter JB. Humerus nonunion after intramedullary rod fixation: locking compression plating without removing the nail. *Tech Orthopaedics*. 2004;18:356-359.
69. Harness N, Ring D, Jupiter JB. Olecranon Fractures. In: *Shoulder and Elbow Trauma*. New York, NY: Thieme;2004. p. 53-66.
70. Harness N, Ring D, Jupiter JB. Olecranon Fractures. In: *Shoulder and Elbow Trauma*. Mirzayan R, Itamura JM (eds.). New York, NY: Thieme Medical Publisher, Inc. ;2004. p. 53-66. .
71. Ring D, Jupiter JB. Operative release of ankylosis of the elbow due to heterotopic ossification. *J Bone Joint Surg*. 2004;86A(Suppl 1):2-10.
72. Ring D, Jupiter JB. Excision of heterotopic bone around the elbow. *Tech Hand Up Extrem Surg*. 2004;8(1):25-33.
73. Ring D. Open reduction and internal fixation of fractures of the radial head. *Hand Clin*. 2004;20(4):415-27.
74. Ring D, Jupiter JB. Treatment of osteoporotic distal radius fractures. *Osteoporos Int*. 2004.
75. Ring D Jupiter JB. Acute Fractures, Malunions, and Nonunions of the Clavicle. In: *Complex and Revision Problems in Shoulder Surgery*. Philadelphia, PA: Lippincott Williams & Wilkins;2005. p. 395-414.
76. Ring D, Jupiter JB. Elbow and Forearm: Adult Trauma. In: *Orthopaedic Knowledge Update 8*. Rosemont, IL: American Academy of Orthopaedic Surgeons;2005. p. 307-16.
77. Ring D. Fractures and Dislocations of the Elbow. In: *Rockwood and Green's Fractures in Adults*. Philadelphia, PA: Lippincott Williams & Wilkins;2005. p. 989-1050. .
78. Ring D, Jupiter JB. Fractures of the Proximal Ulna. In: *Green's Operative Hand Surgery*. Philadelphia, PA: Elsevier Churchill Livingstone;2005. p. 889-906.
79. Slade JF Ring D. Injuries to the hand and carpus. In: *Orthopaedic Knowledge Update: Trauma 3*. Rosemont, Illinois: American Academy of Orthopaedic Surgeons;2005. p. 221-232.
80. Ring D. Malunion and Nonunion of the Metacarpals and Phalanges. *J. Bone Joint Surg [Am]*. 2005;87:1380-1388.
81. Brunelli MP, Ring D, Jupiter JB. Principles of External Fixation. In: *The Mutilated Hand*. Philadelphia, PA: Elsevier Mosby;2005. p. 417-424.
82. Ring D. Treatment of the neglected distal radius fracture. *Clin Orthop*. 2005;(431):85-92.
83. Ring D, Jupiter JB. Compass hinge fixator for acute and chronic instability of the elbow. *Oper Orthop Traumatol*. 2005;17(2):143-57.
84. Ring D, Jupiter JB. Der Compass-Gelenkfixateur bei akuter und chronischer Instabilität des Ellenbogens. *Operative Orthopädie und Traumatologie*. 2005;17:143-157.
85. Ring D. Surgical techniques for the repair of a distal humerus fracture in athletes. In: *International Sportsmed Journal*. Arctic Online;2005.
86. Ring D. Nonunion of the distal radius. *Hand Clin*. 2005;21(3):443-7.

87. McCarty LP, Ring D, Jupiter JB. Management of distal humerus fractures. *Am J Orthop*. 2005;34(9):430-8.
88. Ring D. Expert Comment on: Distal Radial Fractures. In: *Orthopaedic Trauma Directions*. Switzerland: AO Publishing;2005. p. 37.
89. Ring D. Elbow Stiffness Associated with Malunion or Nonunion. *The Stiff Elbow*. 2006:41-49.
90. Ring D. Forearm Anatomy and Forearm Fractures. In: *Hand, Elbow, and Shoulder: Core Knowledge in Orthopaedics*. Philadelphia, PA: Mosby Elsevier;2006. p. 465-481.
91. Ring D. Journal Dedication: Jesse B. Jupiter. In: *The Orthopaedic Journal at Harvard Medical School*. Boston, MA: Harvard Orthopaedic Residency Program;2006.
92. Ring D. Olecranon Fractures. In: Trumble TE, Budoff JE (Eds.) *Wrist and Elbow Reconstruction and Arthroscopy: A Master Skills Publication*. Rosemont, IL: American Society for Surgery of the Hand;2006. p. 499-512.
93. Ring D. Radial Head Fractures: Open Reduction and Internal Fixation. In: Wiss DA (Ed.); *Master Techniques in Orthopaedic Surgery: Fractures*. Philadelphia, PA: Lippincott Williams and Wilkins;2006. p. 121-142.
94. Ring D. Dr. Ring Responds to Dr. Field. *Journal of Bone and Joint Surgery, American Volume*. 2006;www.jbjs.org.
95. Ring D. Treatment of Diaphyseal Forearm Fractures in Athletes. *Atlas of the Hand Clinics*. 2006;11(1):87-96.
96. Ring D. Fractures of the coronoid process of the ulna. *J Hand Surg [Am]*. 2006;31(10):1679-89.
97. Bonczar M, Rikli D, Ring D. Distal Humerus. In: *AO Surgery Reference* (www.aosurgery.org); Colton C, De Boer P (Editors). Switzerland: AO Publishing;2007. p. On line text.
98. Ring D, Harness N. Elbow Trauma. In: *Surgical Treatment of Orthopaedic Trauma*. New York, NY: Thieme;2007. p. 306-339.
99. Ring D. Forearm Fractures and Reconstruction. In: *Hand Surgery Update 4*. Rosemont, IL: American Society for Surgery of the Hand;2007. p. 811-820.
100. Ring D, Burchill G, Callamaro DR, Jupiter JB. Fractures of the Distal Radius. In: Brotzman SB, Wilk KE. *Handbook of Orthopaedic Rehabilitation*. Philadelphia, PA: Mosby Elsevier ;2007. p. 73-88.
101. Hessman MH, Ring D. Humerus, distal. In: *AO Principles of Fracture Management*. Ruedi TP, Buckely RE, Moran CG (Editors). Switzerland: AO Publishing;2007. p. 609-626.
102. Ring D. Ligament repair for subacute elbow instability. In: *Advanced Reconstruction Elbow*. Rosemont, IL: American Academy of Orthopaedic Surgeons;2007. p. 387-392.
103. Ring D, McCarthy M. Opinion: pseudoscientific explanations of arm pain. *J Surg Orthop Adv*. 2007;16(3):105-10.
104. Ring D. Post-traumatic Skeletal Reconstruction. In: *Hand Surgery Update 4*. Rosemont, IL: American Society for Surgery of the Hand;2007. p. 41-50.
105. Lozano-Calderon, Santiago Ring D. The diagnostic performance characteristics of

- imaging techniques used in the management of scaphoid fractures. In: *Current Opinion in Orthopaedics*. Philadelphia, PA: Lippincott Williams and Wilkins;2007. p. 309-314.
106. Ring D. Unipolar arthroplasty of the radial head. In: *Advanced Reconstruction Elbow*. Rosemont, IL: American Academy of Orthopaedic Surgeons;2007. p. 335-342.
 107. Shin R, Ring D. The ulnar nerve in elbow trauma. *J Bone Joint Surg Am*. 2007;89(5):1108-16.
 108. Ring D. Current concepts in plate and screw fixation of osteoporotic proximal humerus fractures. *Injury*. 2007;38 Suppl 3:S59-68.
 109. Ring D, Doornberg JN. Fracture of the anteromedial facet of the coronoid process. Surgical technique. *J Bone Joint Surg Am*. 2007;89 Suppl 2 Pt.2:267-83.
 110. Ring D. Apparent capitellar fractures. *Hand Clin*. 2007;23(4):471-9.
 111. Ring D, Jupiter JB, Fernandez DL. Distal radius malunion. Volume 5, No. 12. http://www5.aaos.org/oko/CME/templates/template_2/information.cfm?topic=CME041. Accessed December 17, 2007. . American Academy of Orthopaedic Surgeons Web site: Orthopaedic Knowledge Online. 2007;5(12):<http://www5.aaos.org/oko/descr>.
 112. Ring D. Instability after total elbow arthroplasty. *Hand Clin*. 2008;24(1):105-12.

Books, Monographs, and Textbooks

1. Jupiter JB, Ring DC. *AO Manual of Fracture Management: Hand and Wrist*. Stuttgart: Thieme;2005.
2. Ring D. *Psychosocial Aspects of Arm Pain*. Amsterdam, NL: University of Amsterdam;2006. (PhD Thesis.)
3. Ring D and Cohen M. *Fractures of the Hand and Wrist*. Philadelphia, PA: Informa Health Care ;2007.
4. Jupiter JB, Ring D, Fernandez DL. *AO Manual Fractures of the Elbow and Forearm*. ;2008.

Clinical Communications

1. Ring D, Wenger DR. Editorial Reply. *J Bone Joint Surg*. 1995;77A:328-329.
2. Ring D, Jupiter JB. Pros and cons regarding figure-of-eight bandaging. The authors reply. *J Musculoskel Med*. 1998;15:8.
3. Ring D. Clinical notes. *AO Recommended Literature: General and Orthopaedic Trauma*. 2000;1(2):13.
4. Ring D. Clinical notes. *AO Recommended Literature: General and Orthopaedic Trauma*. 2000;1(2):15.
5. Ring D. Clinical notes. *AO Recommended Literature: General and Orthopaedic Trauma*. 2001;2(2):24.
6. Ring D. Clinical notes. *AO Recommended Literature: General and Orthopaedic Trauma*. 2001;2(1):9.
7. Ring D. Clinical notes. *AO Recommended Literature: General and Orthopaedic*

- Trauma. 2001;2(2):6.
8. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2001;2(2):19.
 9. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2001;2(2):22.
 10. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2001;2(2):11.
 11. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2001;2(2):16.
 12. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2001;2(1):6.
 13. Ring D. Clinical notes. AO Recommended Literature: General and Orthopaedic Trauma. 2002;3(1):13.
 14. Ring D. Nondisplaced scaphoid fractures: assessment and treatment. J Bone Joint Surg Am. 2002;84-A(1):144-5.
 15. Ring D. Nondisplaced scaphoid fractures: assessment and treatment. J Bone Joint Surg Am. 2002;84A:144-5.
 16. Ring D. Clinical notes. Orthopaedic Trauma Directions. 2003;1:6.
 17. Ring D, Jupiter JB, Zilberfarb J. Patterns of coronoid fractures and their treatment. Reply to letter to the editor. Journal of Bone and Joint Surgery. 2003;85A:166-167.
 18. Ring D, Jupiter JB, Zilberfarb J. Roles of the medial collateral ligament and the coronoid in elbow stability. Reply to letter to the editor. Journal of Bone and Joint Surgery. 2003;85A:568-569.
 19. Ring D, Tavakolian J, Kloen P, Helfet D, Jupiter JB. Fractures de Monteggia a displacement posterior operees: a propos de 17 echecs repris par plaque posterieure. Maitrise Orthopedique. 2003;122:4-8.
 20. Ring D, Markolf KL. Load-Sharing at the Wrist Following Radial Head Replacement with a Metal Implant. A Cadaveric Study * K.L. Markolf replies:. J Bone Joint Surg Am. 2004;86-A(11):2569-70.
 21. Ring D. D. Ring replies: • Idiopathic Arm Pain J. Bone Joint Surg. Am., Mar 2005; 87: 677 - 679. Web based Journal of Bone and Joint Surgery. 2005;On line.
 22. Ring D. Re: Golf injuries of the upper extremity, Wiesler,ER, Lumsden, B, JSOA 14(1):1-7, 2005. J Surg Orthop Adv. 2005;14(2):109.
 23. Ring D. Re: Golf injuries of the Upper Extremity. J Surg Orthop Advances. 2005;14(2):109.
 24. Doornberg J, Ring D, Jupiter JB. Effective treatment of fracture-dislocations of the olecranon requires a stable trochlear notch. Clin Orthop Relat Res. 2005;(435):277.
 25. Ring D. Commentary & Perspective on "Plate Fixation of Ununited Humeral Shaft Fractures: Effect of Type of Bone Graft on Healing" by Christian Hierholzer, MD, et al. . Journal of Bone and Joint Surgery On-line. 2006.
 26. Ring D. Dr. Ring responds to Dr. Kummel . Journal of Bone and Joint Surgery On-Line. 2006.

27. Ring D. Follow-up Survey of Patients with Idiopathic Pain. *Journal of Bone and Joint Surgery On-Line*. 2006.
28. Ring D. Untestable illness concepts. Letter to the Editor regarding Tsai P and Steinberg DR. Median and Radial Nerve Compression About the Elbow. *J Bone Joint Surg Am* 2008; 90: 420-428. . *Journal of Bone and Joint Surgery, American Volume*. 2008;<http://www.ejbs.org:80/cgi/el>.

Educational Materials

1. Ring D, Vaccaro AR, Scuderi G, Pathria MN, Garfin SR. Acute calcific retropharyngeal tendinitis: clinical presentation and pathologic characterization. 1993.
2. Vaccaro AR, Ring D, Scuderi G, Garfin SR. Vertebral artery location in relation to the vertebral body as determined by two dimensional CT evaluation. 1993.
3. Ring D, Jupiter JB, Brennwald J, Büchler U, Hastings H II. Scientific Exhibit: Prospective Multicenter Trial of a New Plate for Dorsal Fixation of the Distal Radius. 1996.
4. Ring D, Jupiter JB, Brennwald J, Ulrich Büchler U, Hastings H II. Prospective multicenter trial of a new plate for dorsal fixation of the distal radius. 1996.
5. Ring D, Jupiter JB, Mast J, Sanders R, Simpson N. Trans-olecranon fracture-dislocation of the elbow. 1996.
6. Ring D, Jupiter JB, Brennwald J, Büchler U, Hastings H II. Scientific Exhibit: Prospective Multicenter Trial of a New Plate for Dorsal Fixation of the Distal Radius. 1997.
7. Ring D, Simmons BP, Hayes M. A prospective, randomized clinical trial of the use of continuous passive motion for rehabilitation following MCP arthroplasty in rheumatoid arthritis. 1997.
8. Ring D, Perry B, Jupiter JB. Nonunion of the humerus in the elderly. 1997.
9. Jupiter JB, Ring D. The operative treatment of post-traumatic proximal radioulnar synostosis. 1998.
10. Ring D, Jupiter JB, Quintero J, Marti R. Wave plate osteosynthesis in the upper extremity. 1998.
11. Ring D, Jupiter JB, Perey B. The proximal humerus blade plate. 1998.
12. Ring D, Jupiter JB. Operative release of bony ankylosis of the elbow: the results are better after trauma than severe burns. 1998.
13. Ring D, Jupiter JB. Ununited fractures of the distal radius: Treatment with plate fixation and autogenous bone graft. 1998.
14. Ring D, Jupiter JB. Concomitant nonunion of the olecranon and distal humerus. 1998.
15. Ring D, Jupiter JB. Complex ununited fractures of the proximal ulna. 1998.
16. Ring D, Toh S, Jupiter JB. Trans-articular bony defects after trauma and sepsis: Arthrodesis using autogenous vascularized fibular bone graft. 1998.

17. Ring D, Jupiter JB, Zilberfarb J. Fracture-dislocation of the elbow: the risk of instability according to fracture pattern. 1998.
18. Ring D, Jupiter JB. Scientific Exhibit: Fixation techniques for osteopenic bone: the experience with ununited fractures of the humerus. 1999.
19. Ring D, Kharrazi FD, Quintero J, Jupiter JB. Nonunion following ORIF of radial head fractures. 1999.
20. Ring D, Cassidy C, Jupiter JB. Health status after fracture of the distal radius. 1999.
21. Ring D, Cassidy C, Jupiter JB. Nerve related complications of displaced fractures of the distal radius in older patients. 1999.
22. Ring D, Jupiter JB. Fractures of the coronoid. 1999.
23. Ring D, Jupiter JB. Fracture-dislocations of the olecranon. 1999.
24. Ring D, Jupiter JB. The techniques and results of operative fixation and reconstruction of the coronoid. 1999.
25. Ring D, Jupiter JB. Combined dorsal and volar plate fixation of complex fractures of the distal radius. 1999.
26. Ring D, Jupiter JB. Case of the week on E-radius.com. 1999.
27. Campbell D, Ring D, Jupiter JB. Operative fixation of fractures of the distal ulna associated with fractures of the distal radius. 2000.
28. Ring D, Jupiter JB, Gulotta L. Complex chondral fractures of the distal humerus. 2000.
29. Ring D, Jupiter JB, Roy AK. Post-traumatic radial club hand deformity. 2000.
30. Ring D, Jupiter JB. Orthogonal fixed-angle plate fixation of ununited fractures of the distal radius. 2000.
31. Ring D, Jupiter JB, Gulotta L. Complex chondral fractures of the distal humerus. 2000.
32. Ring D, Jupiter JB, Kipps A, Roy AK, Gulotta L. Health status after elbow contracture release. 2000.
33. Ring D, Jupiter JB, Roy AK. Post-traumatic radial club hand deformity. 2000.
34. Ring D, Jupiter JB. Orthogonal fixed-angle plate fixation of ununited fractures of the distal radius. 2000.
35. Ring D, Jupiter JB, Gulotta L. Complex chondral fractures of the distal humerus. 2000.
36. Ring D, Jupiter JB, Morgan T, Roy AK. Post-traumatic radial club hand. 2001.
37. Combined dorsal and volar plate fixation of complex fractures of the distal radius. Ring D, Prommersberger KJ, Gupta A, Jupiter JB. 2001.
38. Prommersberger KJ, Ring D, Lanz U, Jupiter JB. Carpal alignment in malunited fractures of the distal radius: comparison of dorsally and palmarly angulated malunions. 2001.
39. Ring D, Fourt L, Jupiter JB. Assessment of elbow function: separating the perspectives of the physician and the patient. 2001.
40. Ring D, Jupiter JB, Gulotta L. Post-traumatic flail elbow. 2001.

41. Ring D, Jupiter JB, Gulotta L. Complex articular fractures of the distal humerus. 2001.
42. Ring D, Jupiter JB. Pitfalls in the diagnosis of scaphoid fractures with computed tomography. 2001.
43. Ring D, Jupiter JB. Chronic simple elbow dislocation. 2001.
44. Ring D, Jupiter JB, Gulotta L. Complex articular fractures of the distal humerus. 2001.
45. Ring D, Gulotta L, Jupiter JB. Hinged external fixation in the treatment of post-traumatic elbow instability. 2002.
46. Ring D, Jupiter JB. Pitfalls in the diagnosis of scaphoid fractures with computed tomography. 2002.
47. Adey L, Ring D, Jupiter JB. Health status after elbow contractive release. 2002.
48. Ring D, Adey L, Levitz S, Jupiter JB. Computed tomography of suspected scaphoid fractures. 2002.
49. Ring D, Harness N, Jupiter JB. Pitfalls of the volar Barton's fractures. 2002.
50. Ring D, Jafarnia K, Allende C, Jupiter JB. Diaphyseal nonunion of the forearm. 2002.
51. Prommersberger KJ, Ring D, Lanz U, Jupiter JB. Carpal alignment in malunited fractures of the distal radius: comparison of dorsally and palmar angulated malunions. 2002.
52. Ring D, Adey L, Levitz S, Jupiter JB. Computed tomography of suspected scaphoid fractures. 2002.
53. Ring D, Chin K, Taghinia A, Jupiter JB. Nonunion after functional brace treatment of diaphyseal humerus fracture. 2002.
54. Ring D, Gulotta L, Jupiter JB. Ununited fractures of the distal humerus: plate fixation and autogenous bone graft. 2002.
55. Ring D, Jafarnia K, Allende C, Jupiter JB. Diaphyseal nonunion of the forearm. 2002.
56. Ring D, Jupiter JB, Gulotta L. Ununited fracture of the distal humerus with flail instability: can the native elbow be preserved? 2002.
57. Ring D, Kloen P, Helfet D, Jupiter JB. Locking compression plate for delayed unions and nonunions of the humerus. 2002.
58. Ring D, McCarty P, Campbell D, Jupiter JB. Condylar blade plate for unstable fractures of the distal ulna associated with distal fractures. 2002.
59. Ring D, Prommersberger KJ, Morgan T, Jupiter JB. Post traumatic radial club hand deformity. 2002.
60. Ring D, Adey L, Levitz S, Jupiter JB. Computed tomography of suspected scaphoid fractures. 2002.
61. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture: should high-energy injuries be explored? 2002.
62. Ring D, Jupiter JB, Gulotta L. Ununited fracture of the distal humerus with flail instability: can the native elbow be preserved? 2002.

63. Ring D, Kloen P, Helfet D, Jupiter JB. Locking compression plate for delayed unions and nonunions of the humerus. 2002.
64. Ring D, McCarty P, Campbell D, Jupiter JB. Condylar blade plate for unstable fractures of the distal ulna associated with distal fractures. 2002.
65. Ring D, Prommesberger KJ, Chen ACY, Slullitel M, Capomassi M, Jupiter JB. Intraarticular osteotomy of distal radius malunion. 2002.
66. Adey L, Ring D, Jupiter JB. Health status after elbow contractive release. 2002.
67. Ring D, Chin K, Jupiter JB. Radial nerve palsy associated with humeral shaft fracture: should high-energy injuries be explored? 2002.
68. Ring D, Kadzielski J, Fourt L, Lee SP, Jupiter JB. Psychological factors in idiopathic arm pain. 2002.
69. Ring D, Prommensberger KJ, Morgan T, Jupiter JB. Post traumatic radial club hand deformity. 2002.
70. Ring D, Jafarnia K, Allende C, Jupiter JB. Diaphyseal nonunion of the forearm. 2003.
71. Ring D, Tavakolian J, Kloen D, Helfet D, Jupiter JB. Loss of alignment after operative treatment of posterior Monteggia fractures: Salvage with dorsal contoured plating. 2003.
72. Ring D, Guss D, Jupiter JB: Reconstruction of the coronoid with a fragment of the radial head. 2003.
73. Ring D, Kloen P, Kadzielski J, Helfet D, Jupiter JB. Locking compression plates for delayed union and nonunion of the diaphyseal humerus. 2003.
74. Ring D, Rhem R, Carpenter C, Jupiter JB. Comminuted diaphyseal fractures of the forearm: does bone grafting affect the nonunion rate? 2003.
75. Salvage of failed internal fixation of posterior Monteggia fractures with dorsal contoured plating. Ring D, Kloen P, Tavakolian J, Helfet D, Jupiter JB. 2003.
76. Doornberg J, Ring D. Coronoid fracture patterns. 2004.
77. Forthman C, Ring D. Fracture-dislocations of the elbow: can injury components be predicted based upon injury patterns? 2004.
78. Forthman C, Ring D. Traumatic Elbow instability without medial collateral ligament repair. 2004.
79. Harness N, Ring D, Jupiter JB. Pitfalls in the Treatment of Volar Shearing (Barton's) Fractures of the Distal Radius. 2004.
80. Ring D, Adey L, Levitz S, Jupiter JB. Computed Tomography of Suspected Scaphoid Fractures. 2004.
81. Ring D, Allende C, Jafarnia K, Allende B, Jupiter JB. Diaphyseal nonunion of the forearm. 2004.
82. Ring D, Hannouche D, Jupiter JB. Hinged external fixation after fracture-dislocation of the elbow. 2004.
83. Ring D, Kadzielski J, Kloen P, Helfet D, Jupiter JB. Locking compression plates for delayed unions and nonunions of the diaphyseal humerus. 2004.
84. Ring D, Tavakolian J, Kloen P, Helfet D, Jupiter JB. Post-op loss of alignment

- posterior monteggia fractures: salvage with dorsal contoured plating. 2004.
85. Ring D, Guss D, Jupiter JB. Reconstruction of the coronoid with a fragment of the radial head. 2004.
 86. Ring D, Jupiter JB. The management of complications of posterior Monteggia fractures. 2004.
 87. Doornberg JN, Ring D. Static Progressive Splinting for Post-Traumatic Elbow Stiffness. 2004.
 88. Forthman CL, Ring D. Fracture-Dislocations of the Elbow: Can Injury Components be Predicted Based Upon Injury Patterns? 2004.
 89. Reference Points for Radial Head Prosthesis: How to avoid “overstuffing” the joint? Doornberg JN, Ring D. 2004.
 90. Doornberg J, Ring D. Reference points for insertion of a radial head prosthesis. 2004.
 91. Doornberg J Ring D. Reference Points for Radial Head Prosthesis Height: How to Avoid Overstuffing the Joint . 2005.
 92. Forthman C Ring D. Fracture-Dislocations of the Elbow: Can Injury Components Be Predicted Based upon Injury Patterns? 2005.
 93. Kadzielski J Malhotra L Ring D Jupiter JB . The Influence of Job Satisfaction and Burnout on Outcome After Hand Injuries. 2005.
 94. Doornberg J Linzel D Ring D. Comparison of Elbow Contracture Release In Patients With and Without Heterotopic Bone. 2005.
 95. Doornberg J Ring D. Reference Points for Radial Head Prosthesis Height: How to Avoid Overstuffing the Joint. 2005.
 96. Jawa A McCarty LP Harris M Ring D. Distal third diaphyseal humerus fractures: comparison of operative and nonoperative treatment. 2005.
 97. Kadzielski J Malhotra L Ring D Jupiter JB . The Influence of Job Satisfaction and Burnout on Outcome After Hand Injuries. 2005.
 98. Ring D Kadzielski J Malhotra L Fabian L Jupiter JB. The Influence of Patient Expectations on Outcomes of Carpal Tunnel Release. 2005.
 99. Slade J Merrell G Lozano S Ring D. Arthroscopic assisted percutaneous fixation of displaced fractures of the scaphoid. 2005.
 100. Sodha S Zurakowski D Ring D . The prevalence of osteoarthritis of the trapeziometacarpal joint. 2005.
 101. Doornberg J Ring D. Anteromedial facet coronoid fractures. 2005.
 102. Slade J Merrell G Lozano-Calderon S Ring D. Arthroscopic assisted percutaneous fixation of displaced fractures of the scaphoid. 2005.
 103. Doornberg JN Ring D Jupiter JB . The Effectiveness of Static Progressive Splinting for Post-Traumatic Elbow Stiffness. 2006.
 104. Doornberg JN Lindenhovius ALC Linzel DS Ring D Jupiter JB . Comparison of Elbow Contracture Release in Patients with and without Heterotopic Ossification. 2006.
 105. Doornberg JN Ring D. Varus Posteromedial Rotational Elbow Injuries. 2006.

106. Forthman C Ring D. Treatment of fracture-dislocation of the elbow without MCL repair. 2006.
107. Lindenhovius ALC Doornberg JN Linzel D Mudgal CS Ring D Kloen P . Long Term Outcome of Operatively Treated Complex Olecranon Fractures. 2006.
108. AL Lindenhovius Q Felsch D Ring P Kloen. Long Term Outcome of ORIF of Stable Displaced Isolated Partial Radial Head Fractures. 2007.
109. D Ring P Mallette . Opinions Regarding Psychological Influences on Arm Pain. 2007.
110. G Dyer S Lozano-Calderon D Ring . Predictors of Acute Carpal Tunnel Syndrome Associated with Fracture of the Distal Radius. 2007.
111. JS Souer D Ring . Determinants Of Health Status After Distal Radius Fractures. 2007.
112. M Rutgers JS Souer JB Jupiter D Ring. Perilunate Fracture-Dislocations: Comparison of Temporary Screw vs. Kirschner Wire Fixation. 2007.
113. M Rutgers D Ring . Treatment of Diaphyseal Fractures of the Humerus Using a Functional Brace. 2007.
114. Cowan J, Ring D. Determinants of Patient Satisfaction after Limited Incision Open Carpal Tunnel Release. 2007.
115. Lindenhovius A, Jupiter JB, Ring D. A Prospective Randomized Controlled Trial of Dynamic vs. Static Progressive Elbow Splinting for Post-Traumatic Elbow Stiffness. 2007.
116. Lindenhovius A, Ring D, Jupiter JB. Improved Motion Leads to Improved Health Status after Elbow Contracture Release for Posttraumatic Stiffness. 2007.
117. Shin R, Zurakowski D, Ring D. Factors that Influence Surgeon Recommendations to Return to Work. 2007.
118. Souer J, Ring D, Jupiter JB and the AO-CID study group. The effect of an unrepaired ulnar styloid base fracture on outcome after operative treatment of a distal radius fracture. 2007.

NonPrint Materials

1. Ring D, Jupiter JB. Distal humerus fracture. Rosemont, IL: American Academy of Orthopaedic Surgeons;2003.Video on DVD included with Instructional Course Lectures, Volume 52.
2. Ring D, Jupiter JB. Olecranon fracture. Rosemont, Illinois: American Academy of Orthopaedic Surgeons;2003.Video on DVD included with Instructional Course Lectures, Volume 52.
3. Ring D, Jupiter JB. Coronoid fixation. Rosemont, IL: American Academy of Orthopaedic Surgeons;2003.Video on DVD included with Instructional Course Lectures, Volume 52.
4. Ring D. Elbow dislocation and fracture-dislocation. Orthopaedic Trauma Association;2006.Slide for resident fracture presentation bank.