

Curriculum Vitae

Revised 4/1/13

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EDUCATION

1974	A.B., Magna Cum Laude	Harvard College
1978	M.D.	Case Western Reserve University

POSTDOCTORAL TRAINING

1978-79	Intern in Medicine	Beth Israel Hospital, Boston MA
1979-80	Resident in Surgery	Beth Israel Hospital, Boston MA
1981-84	Resident in Orthopaedic Surgery Harvard Combined Orthopaedic Residency Program Boston MA	
1985	Fellowship in Orthopedic Traumatology Harborview Medical Center, University of Washington Seattle WA	

LICENSURE AND CERTIFICATION

1980- 1996-2001	Massachusetts Medical Licensure New Hampshire Medical Licensure
1988 1999 2009	American Board of Orthopaedic Surgery Recertified (through 2008) Recertified (through 2018)
2000 2000	Advanced Trauma Life Support, Provider Advanced Trauma Life Support, Instructor

ACADEMIC APPOINTMENTS

1985	Senior Fellow in Orthopedic Surgery, University of Washington
1986-2001	Instructor in Orthopaedic Surgery, Harvard Medical School
2001-	Assistant Professor in Orthopaedic Surgery, Harvard Medical School

HOSPITAL APPOINTMENTS

1984	Assistant in Orthopaedics Massachusetts General Hospital, Boston MA
1985	Senior Orthopedic Fellow Harborview Medical Center, Seattle WA
1986-1990	Chief, Department of Orthopaedic Surgery The Cambridge Hospital, Cambridge MA
1986	Staff Physician, Department of Orthopaedic Surgery Harvard Community Health Plan, Boston MA
1986-1998 2003-2005	Staff Physician, Department of Surgery Mt. Auburn Hospital, Cambridge MA
1986-1992	Staff Physician, Department of Orthopaedic Surgery Brigham and Womens Hospital, Boston MA
1986-	Staff Physician, Department of Orthopaedic Surgery Massachusetts General Hospital, Boston MA
2003-2007	Staff Physician, Department of Orthopedic Surgery Winchester Hospital, Winchester, MA

OTHER PROFESSIONAL POSITIONS

- 1994 Orthopedic Consultant , Ministry of Health
Kingdom of Abu Dhabi
- 1999- Chief Orthopedic Officer
International Medical – Surgical Response Team
United States Department Homeland Security
- 2001 Founding Member
Department of Homeland Security

VOLUNTEER SERVICE

- 1998 AmeriCares
Orthopedic Surgery and Teaching
University Hospital
Prishtina, Kosovo
- 2001 International Medical-Surgical Response Team
Orthopedic Emergency Care
World Trade Center, New York City
- 2005 Project HOPE / US Navy
Orthopedic Surgery for Tsunami Victims
Banda Aceh, Indonesia
- 2008 Orthopedic Trauma Association Visiting Scholars Program
Orthopedic Trauma Care for US Soldiers
US Army Hospital, Landstuhl, Germany

HOSPITAL SERVICE RESPONSIBILITIES

- 1986-1989 Chairman, Department of Orthopedic Surgery
The Cambridge Hospital, Cambridge MA
- 1992-1994 Assistant Chief, Orthopaedic Trauma Service
Massachusetts General Hospital, Boston MA
- 1994-2001 Chief, Orthopaedic Trauma Service
Massachusetts General Hospital , Boston MA

MAJOR ADMINISTRATIVE RESPONSIBILITIES

- 1986-1992 Course Director, Primary Care Orthopedics
Department of Continuing Medical Education
Harvard Medical School, Boston MA
- 1996-2001 Co-Chairman, Residency Selection Committee
Harvard Combined Orthopaedic Residency Program
- 1996-2000 Director, Orthopaedic Trauma Fellowship
Massachusetts General Hospital, Boston MA

MAJOR COMMITTEE ASSIGNMENTS

Harvard Medical School

- 1989-1997 Member, Continuing Education Committee

Harvard Combined Orthopaedic Residency Program

- 1995-2001 Member, Residency Selection Committee

Affiliated Institutions

- 1986-1989 Member, Hospital Executive Committee
The Cambridge Hospital, Cambridge MA
- 1990-2002 Member, Trauma Executive Committee
Massachusetts General Hospital, Boston MA
- 1995-1997 Member, Trauma Implant Committee
Massachusetts General Hospital, Boston MA
- 1995-1998 Member, Administrative Redesign Committee
Operations Improvement Initiative
Massachusetts General Hospital, Boston MA
- 1996-1998 Member, Operating Room Restructuring Team
Operations Improvement Initiative
Massachusetts General Hospital, Boston MA

1996-1998	Chairman, Compensation Committee Orthopaedic Associates Massachusetts General Hospital, Boston, MA
1998-2001	Member, Compensation Committee Orthopaedic Associates Massachusetts General Hospital, Boston MA
2001- 2004	Member, Managed Care and Contracting Committee Massachusetts General Hospital, Boston, MA
2005 -	Member, Chief's Advisory Council Department of Orthopaedic Surgery Massachusetts General Hospital
National	
1999-2000	Member, Field Test Task Force American Board of Orthopaedic Surgery
2000-2002	Member, Annual Program Committee Orthopaedic Trauma Association
2002-	Member, Ad Hoc Committee on Mass Casualty Orthopaedic Trauma Association

PROFESSIONAL SOCIETIES

1988-	New England Trauma Study Group
1989-	AO Alumni Association
1989-	Massachusetts Orthopaedic Association
1990-	American Academy of Orthopaedic Surgeons
1990-	AO North America Faculty
1990-	Orthopaedic Trauma Association
1998-	Orthopedics Overseas

EDITORIAL BOARDS

1992-	Consulting Reviewer (Trauma) Journal of Bone and Joint Surgery
1993-	Consulting Reviewer (Trauma) Clinical Orthopaedics and Related Research

AWARDS AND HONORS

1977	Alpha Omega Alpha
1978	Noether Award for Excellence in Therapeutics Case Western Reserve University
2005	Teacher of the Year Harvard Orthopaedic Residency Program

BIBLIOGRAPHY

ORIGINAL REPORTS

1. Lhowe DW, Ehrlich MG, Chapman PH, Zaleske DJ. Congenital Intraspinous Lipomas : Clinical Presentation and Response to Treatment. *Journal of Pediatric Orthopaedics* 1987; 7:531-7.
2. Lhowe DW, Hansen ST. Immediate Nailing of Open Fractures of the Femoral Shaft. *Journal of Bone and Joint Surgery* 1988; 70A:812-20.
3. Rodgers WB, Lhowe DW. Retrograde Intramedullary Nailing of the Femur. *Bull Hosp Joint Diseases* 1996; 55(2):78-80.
4. Rodgers WB, Kharrazi FD, Waters PM, Kennedy JG, McKee M, Lhowe DW. The Use of Osseous Suture Anchors in the Treatment of Severe, Complicated Elbow Dislocations. *American Journal of Orthopaedics* 1996; 25(11):794-8.
5. Kharrazi FD, Rodgers WB, Kennedy JG, Lhowe DW. Partruition-Induced Pelvic Dislocation : A Report of 4 Cases. *Journal of Orthopaedic Trauma* 1997; 11(4):277-281.
6. Cove JA, Lhowe DW, Jupiter JB, Siliski JM,. The Management of Femoral Diaphyseal Nonunions. *Journal of Orthopaedic Trauma* 1997; 11(7):513-520.
7. Lonner JH, Siliski JM, Jupiter JB, Lhowe DW. Posttraumatic Nonunion of the Proximal Tibial Metaphysis. *American Journal of Orthopaedics* 1999, 28(9):523-528.

8. Chin K, Altman D, Altman G, Tomford W, Lhowe DW. Retrograde Nailing of Femur Fractures in Patients with Myelopathy Who Are Nonambulatory. *Clinical Orthopaedics and Related Research* 2000; 373:218-226.
9. Mithoefer K, Lhowe DW, Altman GT. Delayed Presentation of Acute Thigh Compartment Syndrome After Contusion of the Thigh. *Journal of Orthopaedic Trauma* 2002; 16:436-437.
10. Lhowe DW, Briggs S. Planning for Mass Civilian Casualties Overseas. IMSuRT – International Medical / Surgical Response Teams. *Clinical Orthopaedics and Related Research* 2004; 422:109-113.
11. Mithoefer K, Lhowe DW, Vrahas MS, Altman DT, Altman GT. The Clinical Spectrum of Acute Compartment Syndrome of the Thigh and Its Relation to Associated Injuries. *Clinical Orthopaedics and Related Research* 2004; 425:223-229.
12. Mithoefer K, Lhowe DW, Vrahas MS, Altman DT, Erens V, Altman GT. Functional Outcome After Acute Compartment Syndrome of the Thigh. *Journal of Bone and Joint Surgery* 2006; 88:729-737.
13. Born C, Lhowe DW, Briggs S, Hirshberg A, Frykberg E, O'Neill P. Disasters and Mass Casualties : I. General Principles of Response and Management. *Journal of the American Academy of Orthopaedic Surgeons* 2007; 15:388-396.
14. Born C, Lhowe DW, Briggs S, Hirshberg A, Frykberg E, O'Neill P. Disasters and Mass Casualties : II. Explosive, Biologic, Chemical, and Nuclear Agents. *Journal of the American Academy of Orthopaedic Surgeons* 2007; 15:461-473.
15. Sechriest VF, Lhowe DW. Orthopaedic Care Aboard the USNS Mercy During Operation Unified Assistance After the 2004 Asian Tsunami. *JBJS(Am.)* 2008; 90:849-861.
16. Sechriest VF, Lhowe DW. Prolonged Femoral External Fixation After Natural Disaster: Successful Late Conversion to Intramedullary Nail Aboard USNS Mercy Hospital Ship. *American Journal of Disaster Medicine* 2008; 3:307-312.
17. Weaver MJ, Harris MB, Strom AC, Smith RM, Lhowe DW, Zurakowski D, Vrahas MS. Fracture Pattern and Fixation Type Related to Loss of Reduction in Bicondylar Tibial Plateau Fractures. *Injury* 2012; 43:864-869. (PMID 22169068)
18. Sechriest VF, Wing V, Walker J, Aubuchon M, Lhowe DW. Healthcare Delivery Aboard US Navy Hospital Ships Following Earthquake Disasters: Implications for Future Disaster Relief Missions. *American Journal of Disaster Medicine* 2012; 7:281-294.

PROCEEDINGS OF MEETINGS

Presentations

1. Lhowe DW, Hansen ST. Immediate Intramedullary Nailing of Open Femur Fractures. American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, 26 Jan 1987.
2. Lhowe DW. Orthopedics in Asian Tsunami Relief Effort. Orthopaedic Trauma Association Annual Meeting, Ottawa, Canada , 21 October 2005.

Posters

1. Rodgers WB, Kharrazi FD, Waters PM, Kennedy JG, McKee M, Lhowe DW. The Use of Osseous Suture Anchors in the Treatment of Severe, Complicated Elbow Dislocations. Orthopaedic Trauma Association Annual Meeting, Tampa 1995.
2. Rodgers WB, Lhowe DW. Retrograde Intramedullary Nailing Using the AO Unreamed Tibial Nail: Adjunctive Use of an Existing Implant. Orthopaedic Trauma Association Annual Meeting, Tampa 1995.
3. Mithoefer K, Lhowe DW, Vrahas MS, Altman DT, Altamn GT, Erens V. Effect of Ipsilateral Femur Fracture on Clinical Outcome of Acute Compartment Syndrome of the Thigh. American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco 2001.

REVIEWS

1. Lhowe, DW. Basics of Broken Bones for the Non-Orthopaedist. Emergency Medicine 1987 Sep 30: 89-111.
2. Lhowe, DW. Office Procedures:Treatment and Referral of Fractures of the Upper Extremity. Modern Medicine 1989; 57(9):62-71.
3. Lhowe, DW. Office Procedures : Treatment and Referral of Fractures of the Lower Extremity. Modern Medicine 1989; 57(10).
4. Lhowe, DW. Fracture of the Adult Forearm. Mediguide to Orthopedics 1990; 9(6):1-5.
5. Lhowe, DW. Hemiarthroplasty for Fracture/Dislocation of the Shoulder. Strategies in Orthopedics 1992; 11(1):1-20.
6. Lhowe, DW. Open Fractures of the Femoral Shaft. Orthopedic Clinics of North America 1994; 25:573-9.

TEXTBOOKS

Edited

1. May H, Lhowe DW, et al, eds. Emergency Medicine. 2nd ed. Boston: Little Brown, 1991.

Chapters

1. Hansen ST, Lhowe DW. Diaphyseal Fractures of the Femur. In: Chapman M, ed. Operative Orthopaedics. Philadelphia: JB Lippincott, 1988:389-412. (Revised for 2nd edition,1991:637-650)
2. Lhowe DW. Intracapsular Fractures of the Femur. In: Evarts CMc, ed. Surgery of the Musculoskeletal System. 2nd ed. New York: Churchill Livingstone, 1990: 2549-92.
3. Lhowe DW. Fractures of the Patella. In: Siliski JM, ed. Traumatic Disorders of the Knee. New York: Springer-Verlag, 1994: 159-168.
4. Lhowe DW. Extensor Mechanism Disruptions. In: Siliski JM, ed. Traumatic Disorders of the Knee. New York: Springer-Verlag, 1994:169-174.
5. Lhowe DW, Born CT. Extremity Injuries. In: Briggs S, ed. Advanced Disaster Medical Response. Manual for Providers. Boston: Harvard Medical International, 2003:103-111.
6. Lhowe DW. Orthopedic Trauma : Extremity Fractures. In: Sheridan RL, ed. The Trauma Handbook of The Massachusetts General Hospital. Philadelphia: Lippincott Williams & Wilkins, 2004: 526-539.

VIDEOTAPE

1. Lhowe DW. Hemiarthroplasty for Fracture/Dislocation of the Shoulder - Surgical Technique. Learning Technology Incorporated, 1992.