

Michael D. Van Hal, MD

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EDUCATION AND TRAINING

POSTGRADUATE

Beth-Israel Hospital/Harvard Spine Fellowship, <i>Boston, MA</i> Spine Surgery Fellowship Program Director, Andrew White, MD	<i>AUGUST 2015 to AUGUST 2016</i>
University of Pittsburgh Medical Center, Department of Orthopedics, <i>Pittsburgh, PA</i> Residency in Orthopedics Program Director, Vincent Deeney, MD	<i>JULY 2011-JULY 2015</i>
University of Southern California, Department of Orthopedics, <i>Los Angeles, CA</i> Internship in Orthopedics Program Director, David Thordarson, MD	<i>JUNE 2010-JULY 2011</i>

GRADUATE

University of Texas Southwestern Medical Center, <i>Dallas, TX</i> Doctor of Medicine, <i>Valedictorian, Alpha Omega Alpha</i>	<i>AUGUST 2006-JUNE 2010</i>
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UNDERGRADUATE

Texas A&M University, <i>College Station, TX</i> Bachelor of Science in Biology, Minor in Mathematics <i>Summa Cum Laude, 4.0 GPA</i>	<i>AUGUST 2002-JUNE 2006</i>
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CLINICAL PRACTICE

University of Texas Southwestern Medical Center, <i>Dallas, TX</i> Assistant Professor/Faculty Spine Surgeon Department of Orthopaedic Surgery	<i>OCTOBER 2016 – PRESENT</i>
Parkland Health and Hospital System, <i>Dallas, TX</i> Medical Director, Orthopaedic Spine Surgery	<i>OCTOBER 2016 – PRESENT</i>

CERTIFICATION AND LICENSURE

SPECIALTY CERTIFICATION

AMERICAN BOARD OF ORTHOPEDIC SURGERY PART 2 (JULY 25, 2018, PASSED)	
AMERICAN BOARD OF ORTHOPEDIC SURGERY PART 1	<i>2015</i>
USMLE STEP III	<i>2011</i>
USMLE STEP II CK & CS	<i>2009</i>
USMLE STEP I	<i>2008</i>

MEDICAL LICENSURE

GRADUATE MEDICAL TRAINEE LICENSE, STATE OF MA	<i>2015-2016</i>
GRADUATE MEDICAL TRAINEE LICENSE, STATE OF PA	<i>2011-2015</i>
TEXAS MEDICAL LICENSE, STATE OF TX	<i>2016-PRESENT</i>

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MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Academy of Orthopedic Surgeons
AO Trauma
Alpha Omega Alpha Member - UT Southwestern Medical Center Chapter
North American Spine Society
Texas Medical Association
Dallas County Medical Society

HONORS AND AWARDS

Ho Din Award (Valedictorian, Class of 2010) UT Southwestern Medical Center	2010
Alpha Omega Alpha - UT Southwestern Medical Center (Inducted as a Junior)	2009
American Society of Clinical Pathologist Award for Academic Achievement in Pathology	2008
UT Southwestern Medical Student Summer Research Grant	2006, 2007

LEADERSHIP ROLES

UT Southwestern Medical Center at Dallas Leaders Emerging in Academic Departments (LEAD) Program Evaluation, UT Southwestern, <i>Dallas, TX</i>	2017-ONGOING
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Study Doctor: Byron Cryer, MD; This study is being done to evaluate the immediate (during the course of the educational process) and long-term (up to 10 years) impact of participation in the LEAD Program at UT Southwestern as well as the overall value and effectiveness of the program and its leadership. There is a leadership class associated with this program.

PROFESSIONAL AND RESEARCH EXPERIENCE

Consulting Services, DePuy Synthes, <i>Raynham, MA</i>	MARCH, 2018
Posterior Cervical Lab, Johnson & Johnson Institute – Evaluation of a new, next-generation posterior cervical system being developed internally at DePuy Synthes Spine	
Summer Research Fellow, UT Southwestern, <i>Dallas, TX</i>	JUN-AUG 2007
Investigator, John Sum-Ping, MD – Clinical research on the pharmacodynamics and role of dexmedetomidine in anesthesia.	
Summer Research Fellow, UT Southwestern, <i>Dallas, TX</i>	JUN-AUG 2006
Investigator, Matthew Goldberg, MD – Demonstrating the role of DJ-1 and Parkin expression patterns in mice models of Parkinson's Disease	

Michael D. Van Hal, MD

Research Assistant, Texas A&M University, *College Station, TX*

AUG-DEC 2001

Investigator, Keith Maggert, PhD – Utilizing recombinant *Drosophila* to further evaluate and define gene regulation during development.

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES

- Van Hal M, Lee J, Laudermilch D, Nwasike C, Kang J. Vancomycin Powder Regimen for Prevention of Surgical Site Infection in Complex Spine Surgeries. *Clin Spine Surg.* 2017 Oct;30(8):E1062-E1065. doi: 10.1097/BSD.0000000000000516
- Gary J, **Van Hal M**, Reinert C, Starr A. Functional Outcomes in Elderly Patients with Acetabular Fractures Treated with Minimally Invasive Reduction and Percutaneous Fixation. *Journal of Orthopaedic Trauma.* 2012 May; 28(5) 278-283.
- Sum-Ping S, Makary L, **Van Hal M**. Factors Influencing Oxygen Store During Denitrogenation of the Healthy Patient. *Journal of Clinical Anesthesia.* 2009 May; 21(3): 183-9.

BOOK CHAPTERS

- Jackson K, **Van Hal M**, Lee J, Kang J. Vertebral Column Fractures. *The Poly-Traumatized Patient with Fractures: A Multi-Disciplinary Approach.* Edited by Pape H, Sanders R, Borrelli JP. Berlin: Springer, 2015: Print.
- Van Hal, M.** Cervical Radiculopathy. *Case Files: Orthopaedic Surgery.* Edited by Toy E, Rosenbaum A, Roberts T, Dines J. New York: McGraw Hill, 2013. Print.

PEER REVIEWED ABSTRACTS

- Van Hal M**, Lee J, Laudermilch D, Nwasike C, Kang J Vancomycin Failures in High Risk Surgical Patients. American Academy of Orthopedic Surgeon: Abstract and Poster Presentation. Orlando Florida, March 2016
- Van Hal M**, Makary LF, Sum-Ping ST Factors Influencing Oxygen Store During Denitrogenation of the Healthy Patient. Medical Student Research Forum: Abstract and Poster Presentation. UTSW. January 2008

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PRESENTATIONS LOCAL AND NATIONAL

- Van Hal M**, "Spine Infections", UT Southwestern Orthopaedic Surgery Weekly Grand Round Conference, March 21, 2018
- Van Hal M**, "*Oh My Aching Back*": *When do we need to be concerned about athletes with back pain?*, Charles F. Gregory Memorial Lecture, June 16, 2017
- Van Hal M**, *Geriatric Fractures*, UT Southwestern Orthopaedic Surgery Weekly Grand Round Conference, December 18, 2016
- Van Hal M**, *Cervical Spine Degenerative Diseases/TDR/ACDF*, UT Southwestern Orthopaedic Surgery Weekly Grand Round Conference, November 2, 2016
- Van Hal M**, Laudermilch D, Nwasike C, Lee J, Kang J. Failure of Vancomycin Powder Regimen for Prevention of Surgical Site Infection in Complex Spine Surgeries. Research Day UPMC 2015
- Laudermilch D, **Van Hal M**, Lee J Perioperative Intravenous Decadron Decreases the Incidence of C5 Nerve Palsy Following Posterior Cervical Spine Surgery. Society of Military Orthopedic Surgeons. December 2014
- Van Hal M**, Lunardini D, Donaldson W. *Odontoid Fractures in the Elderly: To operate or not to operate, that is the question*. University of Pittsburgh Medical Center Orthopaedic Surgery Grand Rounds. March 2013
- Van Hal M**. *Mycobacterium Bovis after BCG treatment for Bladder Cancer: A case presentation*. UPMC Spine Conference. February 2012
- Van Hal M**. *Tear Drop Fractures: A case presentation*. UPMC Spine Conference. January 2012
- Van Hal M**. *Kyphoplasty: A case presentation*. UPMC Spine Conference. January 2012
- Van Hal M**. *Central Cord Syndrome: A case presentation*. UPMC Spine Conference. January 2012

VOLUNTEER/COMMUNITY EXPERIENCE

Transform Dallas (volunteer workday)	2017
Team Physician South Allegheny High School Football, <i>Pittsburgh, PA</i>	2012-2014
Monday Free Community Medicine Clinic, <i>Dallas, TX</i>	2006-2010
Study Skills Seminar Lecturer/Coordinator, UT Southwestern, <i>Dallas, TX</i>	2009
Sports Physicals Clinic Coordinator, UT Southwestern, <i>Dallas, TX</i>	2009
Mexico Medical Mission Trip Coordinator/Leader, UT Southwestern, <i>Juárez, Mexico</i>	MARCH 2007
Mexico Medical Mission Trip Participant, UT Southwestern, <i>Juárez, Mexico</i>	MARCH 2006
UT Southwestern Curriculum Committee, <i>Dallas, TX</i>	2006-2007

OTHER AWARDS and ACCOMPLISHMENTS

Austin Half Marathon 3m	JANUARY, 2018
Pittsburgh Half Marathon	MAY 2014, 2015
5Maryland Sprint Triathlon	OCTOBER 2013
Austin Marathon	MARCH 2010