

# Michael D. Van Hal, MD

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## EDUCATION AND TRAINING

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### POSTGRADUATE

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

### GRADUATE

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

### UNDERGRADUATE

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

## CLINICAL PRACTICE

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University of Texas Southwestern Medical Center, <i>Dallas, TX</i>	<i>OCTOBER 2016 – PRESENT</i>
Assistant Professor/Faculty Spine Surgeon	
Department of Orthopedic Surgery	
Parkland Health and Hospital System, <i>Dallas, TX</i>	<i>OCTOBER 2016 – PRESENT</i>
Chief of Orthopedic Spine Surgery	<i>JANUARY 2018— PRESENT</i>

## CERTIFICATION AND LICENSURE

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### SPECIALTY CERTIFICATION

AMERICAN BOARD OF ORTHOPEDIC SURGERY PART 2	<i>2018</i>
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

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

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## MEMBERSHIP IN PROFESSIONAL SOCIETIES

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American Board of Orthopedic Surgery, Diplomate  
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

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Top Doctors in Texas Rising Stars, <i>Texas Monthly</i>	<i>July 2019</i>
Ho Din Award (Valedictorian, Class of 2010) UT Southwestern Medical Center	<i>2010</i>
Alpha Omega Alpha - UT Southwestern Medical Center (Inducted as a Junior)	<i>2009</i>
American Society of Clinical Pathologist Award for Academic Achievement in Pathology	<i>2008</i>
UT Southwestern Medical Student Summer Research Grant	<i>2006, 2007</i>

## LEADERSHIP POSITIONS

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Leaders Emerging in Academic Departments (LEAD), UT Southwestern Medical Center at Dallas. <i>Dallas, TX</i>	<i>2015-2016</i>
Medical Director of Orthopedic Spine Surgery at Parkland Memorial Hospital. <i>Dallas, TX</i>	<i>2018-PRESENT</i>

## PROFESSIONAL AND RESEARCH EXPERIENCE

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Summer Research Fellow, UT Southwestern, <i>Dallas, TX</i> Investigator, John Sum-Ping, MD – Clinical research on the pharmacodynamics and role of dexmedetomidine in anesthesia.	<i>JUN-AUG 2007</i>
Summer Research Fellow, UT Southwestern, <i>Dallas, TX</i> Investigator, Matthew Goldberg, MD – Demonstrating the role of DJ-1 and Parkin expression patterns in mice models of Parkinson's Disease	<i>JUN-AUG 2006</i>
Research Assistant, Texas A&M University, <i>College Station, TX</i> Investigator, Keith Maggert, PhD – Utilizing recombinant <i>Drosophila</i> to further evaluate and define gene regulation during development.	<i>AUG-DEC 2001</i>

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## PUBLICATIONS

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### 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. *Clinical Spine Surgery*. 2017 Oct; 30 (8) E1062-1065

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 Orthopedic 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

**Van Hal M**. Surgical Causes of Back Pain. *Pain Management for Clinicians – A Guide to Assessment and Treatment*. Edited by Noe, Carl Edward. Switzerland: Springer, 2019. Print

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: Orthopedic Surgery*. Edited by Toy E, Rosenbaum A, Roberts T, Dines J. New York: McGraw Hill, 2013. Print.

### PEER REVIEWED ABSTRACTS

Alvarez I, Nakovensky P, **Van Hal M** The Surgical Learning Curve of Orthopedic Spine Surgeons. Women in Science and Medicine: Abstract and Posterior Presentation. Dallas Texas, February 2019

**Van Hal M**, Lee J, Laudermilch D, Nwasike C, Kang J Vancomycin Failures in High Risk Surgical Patients. American Academy of Orthopedic Surgeons: 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

## PRESENTATIONS LOCAL AND NATIONAL

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**Van Hal M** *Spinal Trauma: An update on Spinal Cord Trauma*. Spine Nursing Course, August 18, 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 Orthopedic Surgery Grand Rounds, December 18, 2016

**Van Hal M**, *Cervical Spine Degenerative Diseases TDR/ACDF*, UT Southwestern Orthopedic Surgery Grand Rounds, 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

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- 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 Orthopedic 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.** *Central Cord Syndrome: A case presentation.* UPMC Spine Conference. January 2012

## VOLUNTEER/COMMUNITY EXPERIENCE

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English as a Second Language Teacher	2018-Present
Second Saturday (volunteer workday)	2019
Transform Dallas (volunteer workday)	2017, 2018
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, <i>UT Southwestern, Dallas, TX</i>	2009
Sports Physicals Clinic Coordinator, <i>UT Southwestern, Dallas, TX</i>	2009
Mexico Medical Mission Trip Coordinator/Leader, <i>UT Southwestern, Juárez, Mexico</i>	MARCH 2007
Mexico Medical Mission Trip Participant, <i>UT Southwestern, Juárez, Mexico</i>	MARCH 2006
UT Southwestern Curriculum Committee, <i>Dallas, TX</i>	2006-2007

## OTHER ACTIVITIES

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San Diego Half Marathon	JUNE 2019
Austin Half Marathon	JANUARY 2018
Pittsburgh Half Marathon	MAY 2014, 2015
Maryland Sprint Triathlon	OCTOBER 2013
Austin Marathon	MARCH 2010