

Jesse Torbert, M.D., M.S.

**Orthopaedic Surgeon / Director of Orthopaedic Trauma at Danbury Hospital**

Jesse Torbert, M.D., M.S.

Curriculum Vitae

Education: 8/1995-5/99 B.S. Case Western University School of Engineering (Biomedical)  
8/2000-5/04 M.D. Case Western University School of Medicine  
1/2001-5/04 M.S. Case Western University Graduate School (Applied Anatomy)

Postgraduate Training: 8/2004-7/05 Orthopaedic Oncology Post-doctoral Clinical Research Fellowship  
University of Pennsylvania, Philadelphia, PA  
8/2005-7/10 Orthopaedic Surgery Residency  
University of Pennsylvania, Philadelphia, PA  
8/2010-8/11 Orthopaedic Trauma Fellowship  
R Adams Cowley Shock Trauma Center, Baltimore, MD

Work History: 5/99-8/00 Biomedical engineer, Medtronic, Minneapolis, MN  
1/01-12/02 Anatomy instructor, Case Western School of Nursing, Cleveland, OH  
1/01-12/02 Anatomy tutor, Case Western School of Medicine, Cleveland, OH  
8/11-9/15 Orthopaedic surgeon, Univ. Tennessee, Knoxville, TN  
9/15-6/17 Orthopaedic surgeon, OrthoVirginia, Richmond, VA  
6/17-1/21 Orthopaedic surgeon, VCU Orthopaedics, Richmond, VA  
2/21-8/21 Orthopaedic surgeon, Richmond Orthopedic Institute, Richmond, VA  
9/21-present Orthopaedic surgeon, Orthopaedic Specialists of CT, Brookfield, CT

Board Status: American Board of Orthopaedic Surgery - board certified, 2013

Faculty Appointments: 7/06-7/10 Instructor, Department of Orthopaedic Surgery, Univ. of Pennsylvania  
8/11-9/15 Clinical Instructor, Department of Surgery, Univ. of TN, Knoxville  
6/17-1/21 Assistant Professor, VCU Orthopaedics, Richmond, VA

Administrative Positions: 12/07-6/08 Medical Board Ad Hoc Committee on Disaster Preparedness  
8/07-6/08 Hospital of UPenn Ad Hoc Committee on Disaster Preparedness  
9/15-8/21 Member of Trauma Advisory Committee, Chippenham Richmond, VA  
9/15-8/21 Director of Orthopaedic Trauma, Chippenham Hospital, Richmond, VA  
9/21-present Director of Orthopaedic Trauma, Danbury Hospital, Danbury, CT

Research Experience: 5/97-8/99 Neuroscience summer research—Synthesis and purification of L1  
Department of Neuroscience, Case Western Reserve SOM  
8/98-5/99 Biomedical engineering senior project—MRI trackable catheter  
Department of Radiology, Case Western Reserve SOM  
6/01-6/03 Orthopaedic research—Osseous integration of orthopaedic prostheses  
Department of Orthopaedic Surgery, Case Western Reserve SOM  
6/04-6/05 Post-doctoral Orthopaedic Oncology Clinical Research Fellowship  
Department of Orthopaedic Surgery, University of Pennsylvania SOM

Awards and Honors: 1997 Whitaker Foundation Research Grant Winner (Neuroscience)  
1999 Summa Cum Laude, Case Western Reserve (Biomedical Engineering)  
1999 Biomedical Engineering Faculty Award for Scholarship / Service  
2008 Orthopaedic Clinician Scientist Development Program (CSDP) Award  
2012 Guardian Angel Award—UT Medical Center Knoxville  
2012-2014 Top 10 Doctor & Pts' Choice & Compassionate Doctor Awards—Vitals.com  
2013, 2014 Top Doctor & Regional Top Doctor—Castle Connolly  
2013-2015 Outstanding Patient Experience Award—Healthgrades.com

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Memberships in Professional and Scientific Societies:

2005-present	American Academy of Orthopaedic Surgeons—member
2005-present	Orthopaedic Trauma Association—member
2009-present	Political Action Committee of AAOS—member
2015-present	Richmond Academy of Medicine—member

Editorial Positions: 8/06-6/07 Member Editorial Board, UPenn Ortho Journal

Bibliography:

Research Publications, Peer Reviewed:

1. Hosalkar HS, Atanda A, Barroeta J, Torbert JT, Ogilvie CM, Lackman RD: Case report: A Rare Case of Ewing's Sarcoma and Osteosarcoma at Different Sites in the Same Patient. *Clin Orthop Relat Res.* 2005 May; (434):273-7.
2. Hosalkar HS, Nussen-Lee S, Torbert JT, Dolinskas CA, Donthenini-Rao R, Lackman RD: Leg Pain in a 39-Year-Old Man. *Clin Orthop Relat Res.* 2005 May;(434):282-8.
3. Atanda A, Hosalkar HS, Torbert JT, Ogilvie CM, Lackman RD: Shoulder Pain and Mass in a 22 Year-Old Man. *Clin Orthop Relat Res.* 2005 July; (436): 277-85.
4. Torbert JT, Fox EJ, Hosalkar HS, Ogilvie CM, Atanda A Jr, Lackman RD: Long-term Follow-up in 139 Endoprosthetic Reconstructions. *Univ of Penn Ortho Journ.* 2005 July; (17): 7-13.
5. Lackman RD, Hosalkar HS, Ogilvie CM, Torbert JT, Fox EJ: Intralesional Curettage with Adjuvant Phenol and Methylmethacrylate for Giant Cell Tumor of Bone: 63 Cases with Long-term Follow-up. *Univ of Penn Ortho Journ.* 2005 July; (17): 21-26.
6. Ogilvie CM, Torbert JT, Hosalkar HS, Fox EJ, Lackman RD: Incidence and Outcomes of Early Infections after Endoprosthetic Reconstruction. *Univ of Penn Ortho Journ.* 2005 July; (17): 31-33.
7. Lackman RD, Hosalkar HS, Ogilvie CM, Torbert JT, Fox EJ: Intralesional Curettage for Grades II and III Giant Cell Tumors of Bone. *Clin Orthop Relat Res.* 2005 Sep; (438):123-127.
8. Torbert JT, Fox EJ, Hosalkar HS, Ogilvie CM, Lackman RD: Endoprosthetic Reconstructions: Results of Long-Term Follow-up of 139 Cases. *Clin Orthop Relat Res.* 2005 Sep; (438):51-59.
9. Ogilvie CM, Torbert JT, Hosalkar HS, Dolinskas CA, Stopyra G, Lackman RD: Recurrence and Bleeding in Hibernomas. *Clin Orthop Relat Res.* 2005 Sep; (438):137-143.
10. Fox EJ; Torbert JT; Martin AM; Staddon, AP; Finstein JL; Lackman RD. The effects of ciprofloxacin and paclitaxel on metastatic and recurrent chondrosarcoma. *Community Oncology.* 2005 Nov-Dec; (2): 516.
11. Hosalkar HS, Barroeta J, Torbert JT, Dolinskas CA, Ogilvie CM, Lackman RD: 14-Year-Old Boy with Forearm Pain. *Clin Orthop Relat Res.* 2006 Jan; (442):276-82.
12. Lackman RD, Torbert JT, Finstein JL, Ogilvie CM, Fox EJ: A Simple Jig Goniometer Used to Reduce Inaccuracies in the Assessment of Femoral Anteversion in Proximal Femoral Replacement Prostheses. *Univ of Penn Ortho Journ.* 2006 July; (18):5-8.
13. Ogilvie CM, Torbert JT, Finstein JL, Fox EJ, Lackman RD: Clinical Utility of Percutaneous Biopsies of Musculoskeletal Tumors. *Clin Orthop Relat Res.* 2006 Sep; (450):95-100.
14. Lackman RD, Torbert JT, Finstein JL, Ogilvie CM, Fox EJ: Inaccuracies in the Assessment of Femoral Anteversion in Proximal Femoral Replacement Prostheses. *J Arthroplasty.* 2008 Jan; 23(1):97-101.
15. Torbert JT, Joshi M, Moraff A, Matuszewski PE, Holmes A, Pollak AN, O'Toole RV. Current bacterial speciation and antibiotic resistance in deep infections after operative fixation of fractures. *J Orthop Trauma.* 2015 Jan;29(1):7-17.
16. Montalvo R, Natoli R, O'Hara N, Schoonover C, Berger P, Manson T, Torbert J, O'Toole R, Joshi M. Variations in the Organisms Causing Deep Surgical Site in Fracture Patients at a Level I Trauma Center (2006-2015). *J Orthop Trauma.* 2018 Dec;32(12): e475-481.
17. Cecil A, Yu J, Rodriguez V, Sima A, Torbert J, Satpathy J, Perdue P, Toney C, Kates S. High- vs Low-Energy Acetabular Fracture Outcomes in the Geriatric Population. *Geriatr Orthop Surg Rehabil.* 2020 Jul 16; 11.
18. Yeramosu T, Satpathy J, Perdue P, Toney C, Torbert J, Kates S. Risk Factors of Infection and Subsequent Adverse Clinical Outcomes in Setting of Operatively Treated Pilon Fractures. *JOT-rev/submit 7/29/2021.*

Review Publications, Peer Reviewed:

1. Lackman RD, Torbert JT, Hosalkar HS, Fox EJ, Ogilvie CM: Treatment of Metastasis to the Extremities and Pelvis. *Operative Techniques in Orthopaedics* 14: 288-295, 2005.
2. Torbert JT, Hosalkar HS, Chin KR, Fox EJ, Dolinskas CA, Lackman RD: Tumors of the Spine: A Review of Benign and Malignant Tumors. *Univ of Penn Ortho Journ.* 2005 July; (17): 75-88.
3. Hosalkar HS, Fox EJ, Delaney T, Torbert JT, Ogilvie CM, Lackman RD: Desmoid Tumors and Current Status of Management. *Orthop Clin North Am.* 2006 Jan; 37(1):53-63.
4. Hosalkar HS, Torbert JT, Fox EJ, Delaney T, Aboulafia AJ, Lackman RD: Musculoskeletal Desmoid Tumors. *JAAOS.* 2008 Apr; 16: 188-198.
5. Melvin JS, Dombroski D, Torbert JT, Kovach S, Esterhai JL, Mehta S: Open Tibial Shaft Fractures Part I: Evaluation and Initial Wound Management. *JAAOS.* 2010 Jan; 18:10-19.
6. Melvin JS, Dombroski D, Torbert JT, Esterhai JL, Kovach S, Mehta S: Open Tibial Shaft Fractures Part II: Definitive Management and Limb Salvage. *JAAOS,* 2010 Feb; 18: 108 - 117.

Chapters:

1. Torbert JT, Hosalkar HS, Chin KR, Fox EJ, Ogilvie CM, Lackman RD: Chapter 41—Primary Tumors in Slipman C (ed.) *Interventional Spine.* Philadelphia, Saunders, 2007.
2. Torbert JT, Fox EJ, Chin KR, Hosalkar HS, Dolinskas CA, Lackman RD: Chapter 42—Secondary Tumors in Slipman C (ed.) *Interventional Spine.* Philadelphia, Saunders, 2007.
3. Hosalkar HS, Torbert JT, Carolan G, Lackman RD: Chapter 8—Musculoskeletal Tumors in Chin K, Mehta S (eds.) *Orthopaedic Key Review Concepts.* Philadelphia, Lippincott Williams & Wilkins, 2007
4. Torbert JT, Ahn J, Esterhai J: Chapter 27—Open Reduction Internal Fixation of Tibial Plateau Fractures in Sheth N, Lonner J (eds.) *Gowned and Gloved Orthopaedics: Introduction to Common Procedures.* Philadelphia, Saunders, 2009.
5. Hosalkar HS, Torbert JT, Khurana J: The Surgical Pathology of Bone Trauma in Khurana J (ed.) *Essentials in Bone and Soft-Tissue Pathology.* New York, Springer, 2010.
6. Torbert JT, Lackman RD: Chapter 2—Pathologic Fractures in Pignolo R, Keenan MA (eds.) *Fractures in the Elderly.* Totowa, Humana Press, 2011.
7. Park S, Torbert JT, Esterhai J: Chapter 13—Femur Fractures in Pignolo R, Keenan MA (eds.) *Fractures in the Elderly.* Totowa, Humana Press, 2011.

Alternative Media / Electronic Publications:

1. Hosalkar HS, Atanda A, Torbert JT, Lackman RD: A painful mass in an adolescent boy. *J Bone Joint Surg Am. Image Quiz,* October 2004.
2. Torbert JT: Metastases & Pathologic Fractures [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
3. Torbert JT: Achilles Tendon Disruption [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
4. Torbert JT: Quadriceps Tendon Disruption [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008
5. Torbert JT: Lisfranc Injuries [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
6. Torbert JT: Compartment Syndrome [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
7. Torbert JT: Iliac Wing Fractures [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008
8. Torbert JT: Femoral Shaft Fractures [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
9. Torbert JT: Hip Dislocations [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.
10. Torbert JT: Supracondylar Femur Fractures [Author, version 1]. *Orthopaedia.com.* ABJS, Feb 2008.

Presentations:

1. Torbert JT, Fox EJ, Hosalkar HS, Ogilvie CM, Lackman RD: Endoprosthetic Reconstructions: Results of Long-Term Follow-Up of 139 Cases. Presented at the AAOS ORA Specialty Day, February 2005.
2. Lackman RD, Hosalkar HS, Ogilvie CM, Torbert JT, Fox EJ: Intralesional Curettage with Adjuvant Phenol and Methylmethacrylate for Giant Cell Tumor of Bone: 63 Cases with Long-term Follow-up. Presented at the AAOS ORA Specialty Day, February 2005.
3. Fox EJ, Torbert JT, Martin A, Staddon AP, Finstein JL, Lackman RD: The Effects of Ciprofloxacin & Paclitaxel in the Treatment of Metastatic & Recurrent Human Chondrosarcoma. Presented at Musculoskeletal Tumor Society, May 2005.
4. Ogilvie CM, Torbert JT, Finstein JL, Sachdev N, Fox EJ, Lackman RD: Clinical Accuracy of Percutaneous Biopsies of Musculoskeletal Tumor. Presented at the University of Pennsylvania Annual Musculoskeletal Symposium/Retreat on October 11<sup>th</sup>, 2005.
5. Torbert JT, Ogilvie CM, Dolinskas CA, Fox, EJ, Finstein, JL, Lackman RD: MRI for Detection of Tumor Near Large Metallic Implants. Presented at the University of Pennsylvania Annual Musculoskeletal Symposium/Retreat on October 11<sup>th</sup>, 2005.
6. Lackman RD, Torbert JT, Finstein JL, Timby C, Ogilvie CM, Fox, EJ: Inaccuracies in the Assessment of Femoral Anteversion in Proximal Femoral Replacement Prostheses. Presented at the University of Pennsylvania Annual Musculoskeletal Symposium/Retreat on October 11<sup>th</sup>, 2005.
7. Torbert JT, Fox EJ, Lackman RD, Staddon AP, Martin A, Ogilvie CM, Donthineni-Rao R, Bradbury K, Pill SG, Finstein JL: The Effects of Ciprofloxacin and Paclitaxel in the Treatment of Human Chondrosarcoma. Presented at UPenn Annual Musculoskeletal Symposium/Retreat on Oct. 11<sup>th</sup>, 2005.
8. Lackman RD, Torbert JT, Finstein JL, Hosalkar HS, Ogilvie CM, Fox EJ: Inaccuracies in the Assessment of Femoral Anteversion. Presented at Penn Orthopaedic Society Fall Meeting, Nov. 2005.
9. Torbert JT, Fox EJ, Hosalkar HS, Ogilvie CM, Lackman RD: Endoprosthetic Reconstruction in Musculoskeletal Tumors: Long Term Follow-Up of 139 Cases. Presented at Pennsylvania Orthopaedic Society Fall Meeting, November 2005.
10. Ogilvie CM, Torbert JT, Finstein JL, Sachdev N, Fox E, Lackman RD: Clinical Accuracy of Percutaneous Biopsies of Musculoskeletal Tumor. Presented at the Connective Tissue Oncology Society Annual Meeting, November 2005.
11. Torbert JT, Ogilvie CM, Dolinskas CA, Fox EJ, Finstein JL, Lackman RD: MRI for Detection of Tumor Near Large Metallic Implants. Presented at the Connective Tissue Oncology Society Annual Meeting, November 2005.
12. Lackman RD, Torbert JT, Finstein JL, Timby C, Ogilvie CM, Fox EJ: Inaccuracies in the Assessment of Femoral Anteversion in Proximal Femoral Replacement Prostheses. Presented at the Connective Tissue Oncology Society Annual Meeting, November 2005.
13. Syed SP, Torbert JT, Repik M, Fox EJ, Ogilvie CM, Finstein JL, Lackman RD, Brooks JS: A Clinicopathologic Description of 10 Soft Tissue Pseudosarcomas. Presented at the Connective Tissue Oncology Society Annual Meeting, November 2005.
14. Torbert JT, Fox EJ, Lackman RD, Staddon AP, Martin AM, Ogilvie CM, Donthineni-Rao R, Bradbury K, Pill SG, Finstein JL: The Effects of Ciprofloxacin and Paclitaxel in the Treatment of Human Chondrosarcoma. Presented at the Connective Tissue Oncology Society Annual Meeting, Nov 2005.
15. Torbert JT, Baldwin K, Mercincavage M, Mehta S: Economic Analysis of Surgical Pelvic and Acetabular Fracture Treatment at a Level 1 Trauma Center. Presented at University of Pennsylvania Annual Orthopaedic Research Day, June 2010.
16. Torbert JT, Baldwin K, Mercincavage M, Mehta S: Economic Analysis of Operative Pelvic and Acetabular Injury Care at a Level 1 Trauma Center. Presented at AAOS, San Diego, February 2011.
17. Torbert JT, Moraff A, Matuszewski P, Holmes A, Joshi M, Pollak A, O'Toole R: Current Bacterial Speciation and Antibiotic Resistance in Deep Infections after Operative Fixation of Fractures. Presented at University of MD Orthopaedic Research Day, July, 2011.

Posters:

1. Thomas R, Rimnac C, Torbert JT: In-Vivo Rabbit Study on the Effect of Calcium Sulfate Coating on the Osseous Integration of Orthopaedic Prostheses. Society for Biomaterials 29th Meeting, May 2003.
2. Torbert JT, Fox EJ, Hosalkar HS, Ogilvie CM, Lackman RD: Endoprosthetic Reconstructions: Results of Long-Term Follow-Up of 139 Cases. American Academy of Orthopaedic Surgeons 72<sup>nd</sup> annual meeting, February 2005.
3. Torbert JT, Ogilvie CM, Dolinskas CA, Fox EJ, Lackman RD: MRI for Detection of Tumors Near Large Metallic Implants. Musculoskeletal Tumor Society, May 2005.
4. Lackman RD, Torbert JT, Timby CT, Hosalkar HS, Ogilvie CM, Fox EJ: Inaccuracies in the Assessment of Femoral Anteversion. Musculoskeletal Tumor Society, May 2005.
5. Ogilvie CM, Torbert JT, Sachdev N, Fox EJ, Lackman RD: Clinical Utility of Percutaneous Biopsy. Musculoskeletal Tumor Society, May 2005.
6. Torbert JT, Fox EJ, Lackman RD, Staddon AP, Martin A, Ogilvie CM, Donthineni-Rao R, Bradbury K, Pill SG, Finstein JL: The Effects of Ciprofloxacin and Paclitaxel in the Treatment of Human Chondrosarcoma. University of Pennsylvania Annual Musculoskeletal Symposium/Retreat, October 11th, 2005.
7. Torbert JT, Fox EJ, Lackman RD, Staddon AP, Martin AM, Ogilvie CM, Donthineni-Rao R, Bradbury K, Pill SG, Finstein JL: The Effects of Ciprofloxacin and Paclitaxel in the Treatment of Human Chondrosarcoma. Connective Tissue Oncology Society Annual Meeting, November 2005.
8. Torbert JT, Mercincavage M, Baldwin K, Mehta S: Economic Analysis of Pelvic and Acetabular Trauma Surgery. Orthopaedic Trauma Society, October 2010.

Case Presentations:

1. Femoral Neck Fracture Nonunion: Treatments and Outcomes  
Trauma Conference, Hospital for Special Surgery, New York, NY November 26<sup>th</sup>, 2003
2. Heterotopic Ossification in Hip Arthroplasty  
Penn Orthopaedic Joint Conference, Philadelphia, PA January 15<sup>th</sup>, 2007
3. Surgical Navigation in Total Knee Arthroplasty  
Penn Orthopaedic Joint Conference, Philadelphia, PA December 10th, 2007
4. Complex Elbow Injuries  
Penn Orthopaedic Trauma Conference, Philadelphia, PA March 10<sup>th</sup>, 2008
5. Bilateral Open Femur Fractures with Large Segmental Bone Loss  
Penn Resident Teaching Rounds, Philadelphia, PA October 30<sup>th</sup>, 2008
6. Periprosthetic Hip Fractures  
Penn Orthopaedic Joint Conference, Philadelphia, PA January 19<sup>th</sup>, 2009
7. Surgical Approaches to the Traumatized Elbow  
Penn Orthopaedic Hand Conference, Philadelphia, PA June 17<sup>th</sup>, 2009
8. Open Tibia Fractures with Significant Bone Loss  
UPenn/Cairo, Egypt Orthopaedic Trauma Grand Rounds Teleconference January 21<sup>st</sup>, 2010
9. Multi-trauma patient (femoral subtroch/neck/head, acetabular fracture/dislocation)  
Stryker Controversies in Ortho Trauma Conference, Richmond, VA September 14<sup>th</sup>, 2015

Lectures by Invitation:

1. Femoral Neck Fractures: A Darwinian Approach  
Case Western Department of Anthropology, Cleveland, OH November 19<sup>th</sup>, 1999
2. Head and Neck Anatomy Review: How to Remember the Details  
Case Western School of Medicine, Cleveland, OH October 9<sup>th</sup>, 2001
3. Medical School: How to Apply and Succeed  
Baldwin Wallace College Premedical Society, Cleveland, OH October 4<sup>th</sup>, 2002
4. Principles of Fracture Fixation  
University of Pennsylvania Nurse/Scrub Tech Hands on Workshop September 27<sup>th</sup>, 2008
5. Pelvic Fractures: What a Consult Resident Should Know  
University of Pennsylvania PGY-2 Educational Workshop June 30<sup>th</sup>, 2009
6. Femoral Nailing: Principles and Techniques  
University of Pennsylvania Nurse/Scrub Tech Hands on Workshop December 12<sup>th</sup>, 2009
7. Reamed vs. Unreamed Nailing in Tibial Shaft Fractures: Evidenced Based Medicine  
University of Pennsylvania Fracture Conference June 14<sup>th</sup>, 2010
8. Orthopaedic Trauma: Emergencies  
Surgery Grand Rounds, University of Tennessee Knoxville April 25<sup>th</sup>, 2013
9. Screw Design and Function  
AO Basic, San Francisco, CA August 21<sup>st</sup>, 2013
10. Ortho Trauma Emergencies  
CME course for EMS providers October 27<sup>th</sup>, 2015
11. Bone and Joint Health  
City of Hopewell Employee Health Talk November 4<sup>th</sup>, 2015
12. Hip and Knee Joint Health  
Lifelong Learning Institute – Midlothian, VA January 15<sup>th</sup>, 2016
13. Osteoporosis and Osteoarthritis  
ACAC Health Club Healthy Horizons Talk February 4<sup>th</sup>, 2016
14. Hip and Knee Arthritis  
Hopewell Church—Chesterfield, VA June 8<sup>th</sup>, 2016
15. Physical Therapy Principles for Orthopaedic Trauma (for PT)  
Chippenham Hospital Trauma Lecture April 12<sup>th</sup>, 2017
16. Rationale for Traction in Orthopaedic Trauma (for nurses)  
Chippenham Hospital Trauma Lecture May 8<sup>th</sup>, 2017
17. Limb Salvage  
VCU Resident OITE Review Lecture September 14<sup>th</sup>, 2018
18. Current Treatment Recommendations for Femoral Neck Fractures  
Chippenham Grand Rounds – Trauma Series February 1<sup>st</sup>, 2019

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Meeting / Course Appointments:

1. Orthopaedic Rehabilitation & Trauma Journal Club  
Journal Club Moderator; University of Pennsylvania, Philadelphia, PA February 4<sup>th</sup>, 2008
2. Orthopaedic Nurse/Scrub Tech Hands on Workshop: Fracture Management & Ex-fix Application  
Table Instructor for Sawbones Labs; University of Pennsylvania February 23<sup>rd</sup>, 2008
3. Junior Resident Ex-fix Workshop  
Instructor for Sawbones Didactic and Lab; University of Pennsylvania March 11<sup>th</sup>, 2008
4. Orthopaedic Nurse/Scrub Tech Hands on Workshop: Basic Principles of Fracture Management  
Instructor for Didactic and Sawbones Lab; University of Pennsylvania September 27<sup>th</sup>, 2008
5. 1<sup>st</sup> Annual AO North America / UPenn Orthopaedic Trauma Visiting Professorship  
Moderator Journal Club with Dr. M. L. "Chip" Routt; Univ of Penn February 19<sup>th</sup>, 2009
6. Orthopaedic Nurse/Scrub Tech Hands on Workshop: Nailing Fractures  
Instructor for Didactic and Sawbones Lab; University of Pennsylvania December 12<sup>th</sup>, 2009
7. Upper Extremity Trauma Cadaver Dissection Course  
Organizer and Instructor; University of Maryland January 6<sup>th</sup>, 2011
8. AO Basic Fracture Fixation  
Lecturer, Lab Instructor, Discussion Leader—AO Basic, San Francisco, CA August 21<sup>st</sup>, 2013

Patents:

1. Multi-lumen Steerable Catheter  
U.S. patent 7,037,290  
For use in the field of cardiac surgery  
Approved May 2, 2006