

# Kenneth G. Molinero Jr., D.O.

## EDUCATION

### *Fellowships*

**Monash University Medical Centre. Melbourne, Victoria, Australia.**  
Melbourne Centre for Limb Reconstruction.  
Limb Reconstruction and Computer Assisted Fellowship. July  
2007 to August 2007.

**Allegheny General Hospital. Pittsburgh, PA.**  
Department of Orthopaedic Surgery.  
Orthopaedic Trauma Fellowship. July 2006 to June 2007.

### *Residency*

**Millcreek Community Hospital. Erie, PA.** Lake  
Erie College of Osteopathic Medicine. Orthopedic  
Surgery Residency, PGY 2-5.  
Chief Orthopedic Resident, PGY-5. July  
2002 to June 2006.

### *Internship*

**Millcreek Community Hospital. Erie, PA.**  
Lake Erie College of Osteopathic Medicine. Traditional  
Internship, Orthopedic Emphasis, PGY 1. June 2001 to  
June 2002

### *Medical School*

**Lake Erie College of Osteopathic Medicine. Erie, PA.**  
Doctor of Osteopathic Medicine. August 1997 to May 2001

### *Undergraduate Education*

**Gannon University. Erie, PA.**  
Bachelor of Science, Biology. August 1992 to December 1996

## **PROFESSIONAL ASSOCIATIONS/ORGANIZATIONS AND ACADEMIC APPOINTMENTS**

Adjunct Clinical Assistant Professor, Department of Surgery/Trauma Lake Erie College of Osteopathic Medicine. August 2015 to present.

Clinical Instructor, Department of Surgery.  
Texas Tech University School of Medicine. May 2009 to September 2016.

Clinical Faculty Member. AO North America Musculoskeletal Trauma Foundation.  
November 2007 to present.

American Academy of Orthopaedic Surgeons. Associate Member. September 2011 to present.

American Academy of Orthopaedic Surgeons. Candidate Member. September 2007 to September 2011.

American Academy of Orthopaedic Surgeons.  
Resident Member. July 2002 to September 2007.

American Osteopathic Academy of Orthopedics.  
Active Member. September 2006 to present.

American Osteopathic Academy of Orthopedics. Candidate Member. July 2002 to September 2006.

American Osteopathic Association. July 1997 to present.

Orthopaedic Trauma Association.  
Active Member. February 2012 to present.

Orthopaedic Trauma Association.  
Candidate Member. November 2006 to February 2012.

Pennsylvania Medical Society. January 2014 to present.

Pennsylvania Medical Society. July 2002 to June 2004.

Lawrence County Medical Society.  
January 2014 to present.

Arthroscopy Association of North America Associate Member. January 2008 to January 2012.

Arthroscopy Association of North America Resident Member. January 2006 to January 2008.

American Medical Association.  
Active Member. September 2007 to December 2011.

Pennsylvania Orthopaedic Society. Resident/Fellow  
Member. July 2003 to June 2007.

Pennsylvania Osteopathic Medical Association. July  
2016 to present. July 1997 to June 2006.

Texas Osteopathic Medical Association. May  
2007 to December 2011.

Erie County Medical Society. July  
2002 to June 2004.

## **COMMITTEES**

Admissions Panel Member.  
Lake Erie College of Osteopathic Medicine. July  
1999 to June 2001.

## **PROFESSIONAL ACHIEVEMENTS**

Who's Who Among Executives and Professionals in the Field of Research, Medicine and  
Healthcare. 2008-09.

Chief Resident, Orthopedic Surgery Residency.  
Millcreek Community Hospital. Erie, PA. July 2005 to June 2006.

City of Erie Certificate of Merit.  
Erie, PA. June 2002.

Recipient of the Mary and Vincent S. Fierro Award for  
Excellence in Internal Medicine with Acumen in the Field of  
Gastroenterology. Millcreek Community Hospital. Erie, PA. 2001.

Outstanding Young Man of America. 1998.

Who's Who Among American Colleges and Universities. 1995-96. Omicron

Delta Kappa, Gannon University Senior Honor Society. 1996.

## **EMPLOYMENT**

**Clinical Faculty.**  
**UPMC Jameson Hospital. New Castle, PA**  
Orthopaedic attending and trauma coverage. July  
2012 to present.

***Clinical Faculty. Director, Fracture Service. Midland Memorial Hospital. Midland, TX*** Orthopaedic attending and trauma coverage. May 2009 to June 2012.

***Clinical Faculty.***  
**Midland Memorial Hospital. Midland, TX**  
Orthopaedic attending and trauma coverage. October 2007 to April 2009.

***Clinical/Resident Faculty.***  
**Allegheny General Hospital. Pittsburgh, PA.**  
Orthopaedic attending, trauma coverage, and resident education. July 2006 to June 2007.

***Orthopaedic Physician Coverage.***  
**Shriners' Hospital for Children. Erie, PA.**  
In-house nightly coverage for the management of surgical patients. July 2003 to June 2006.

***Team Physician.***  
**Fort LeBoeuf High School. Erie, PA.**  
Provided physician coverage for football games and scrimmages. Summer/Fall 2005.

***Team Physician.***  
**Erie Otters. Ontario Hockey League. Erie, PA.**  
Provided physician coverage for hockey games. October 2004 to February 2006.

***Junior Faculty.***  
**Lake Erie College of Osteopathic Medicine. Erie, PA.**  
Provided 10 hours of formal lectures to second year medical students during the musculoskeletal system each year. July 2002 to June 2005.

***Clinical Anatomical Instructor.***  
**Lake Erie College of Osteopathic Medicine. Erie, PA.** Instructed medical students in cadaveric dissection and study. July 2001 to June 2002.

***Head Coach.***  
**Edinboro Regional Soccer Club.**  
Coached various under-14 teams in local, regional, and state leagues and tournaments. April 1994 to May 1998.

## **VOLUNTEER WORK**

*Orthopaedic Physician Coverage.*

**Skate America Event. Mellon Arena. Pittsburgh, PA.**

**United States Figure Skating Association.**

October 2004.

## **CERTIFICATIONS**

Board Certified, American Osteopathic Board of Orthopedic Surgery. 2009. Board Certified, National Board of Osteopathic Medical Examiners. 2001.

Texas State Medical License Pennsylvania

State Medical License Drug Enforcement

Agency License Advanced Trauma Life

Support

## **RESEARCH**

### *Publications*

Altman GT, Gallo RA, Molinero KG, Muffly MT, Mascarenhas L. Minimally Invasive Plate Osteosynthesis for Proximal Humerus Fractures: Functional Results of Treatment. Allegheny General Hospital. Pittsburgh, PA. *The American Journal of Orthopedics*. 2011 Mar;40(3): E40-7.

Dimitroulias A, Molinero KG, Krenk DE, Muffly MT, Altman OT, Altman GT. Outcomes of Nonoperatively Treated Displaced Scapular Body Fractures. Allegheny General Hospital. Pittsburgh, PA. *Clinical Orthopaedics and Related Research*. 2011 May;469(5): 1469-65. Epub 2010 Dec 16.

Krenk DE, Molinero KG, Mascarenhas L, Muffly MT, Altman GT. Results of Minimally Invasive Distal Fibular Plate Osteosynthesis. Allegheny General Hospital. Pittsburgh, PA. *Journal of Trauma*. 2009 Feb;66(2):570-5.

Tavares JO, Molinero KG. Elevation of Medial Tibial Condyle for Severe Tibia Vara. Shriners' Hospital for Children. Erie, PA. *Journal of Pediatric Orthopaedics B*. 2006 Sept; 15(5):362-9.

### *Current Research Projects*

Molinero KG, Stephenson K. Traumatic Tibialis Anterior Tendon Rupture Associated with Open Fracture of the Distal Tibia: Two Case Reports. Midland Memorial Hospital. Midland, TX.

Molinero KG, Richman JD. Posterolateral Fracture-Dislocations of the Talus: A Case Report. Mercy Hospital. Pittsburgh, PA.

Molinero KG, Sanders JO. Congenital Absence of the Patellar Tendon: A Case Report. Shriners' Hospital for Children. Erie, PA.

Purnell GJ, Molinero KG, Krenk DE, Altman DT, Altman GT. Incidence of Tibial Plafond Fractures with Fractures of the Distal Tibia. Allegheny General Hospital. Pittsburgh, PA.

*Presentations (bold indicates presenter)*

**Molinero KG.** Panel Member of "Difficult Fractures: Case Presentations, Panel Discussion and Audience Response." The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. Naples, FL. October 2015.

**Molinero KG.** 10 Common Orthopaedic Injuries. Challenges Center. New Castle, PA. August 2011.

**Molinero KG.** Orthopaedic Pearls in the Evaluation of Trauma Patients. Trauma Service Meeting. Midland Memorial Hospital. Midland, TX. October 2011.

**Molinero KG.** Pearls and Avoiding Complications in Nail Fixation of Intertrochanteric Hip Fractures. The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. Naples, FL. October 2010.

**Molinero KG.** Minimally Invasive Osteosynthesis in Orthopaedic Trauma Surgery. Permian Basin Society of Radiologic Technologists. Annual Meeting. Midland, TX. September 2010.

Dimitroulias A, Molinero KG, Krenk DE, Muffly MT, Altman DT, **Altman GT.** Outcomes of Displaced Scapular Body Fractures Treated Nonoperatively. Allegheny General Hospital. Pittsburgh, PA. *Orthopaedic Trauma Association Annual Meeting. Paper Presentation. October 2009.*

**Molinero KG.** Nonunions: Tips for the Practicing Surgeon. The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. Naples, FL. October 2009.

**Molinero KG.** Nonunions: Technical Tips. American Osteopathic Academy of Orthopedics. Annual Meeting. Boston, MA. October 2009.

**Molinero KG.** Orthopaedic Trauma to the Pelvis and Acetabulum. Permian Basin Society of Radiologic Technologists. Annual Meeting. Midland, TX. October 2008.

**Molinero KG.** Preoperative Planning - A Team Approach. AONA Principles Course of Fracture Management for Operating Room Personnel. San Antonio, TX. July 2008.

**Molinero KG.** Practical Orthopaedics for the Acute Care Surgeon. Trauma Service Quarterly Staff Meeting. Midland Memorial Hospital. Midland, TX. April 2008.

Purnell GJ, Molinero KG, Krenk DE, Altman DT, Patel M, and Altman GT. Treatment of Tibial Shaft Fractures Using a Multiplanar External Fixator. Allegheny General Hospital. Pittsburgh, PA. *Orthopaedic Trauma Association Annual Meeting. Poster Presentation. October 2007.*

Molinerio KG, **Altman GT**. Practical Orthopaedics for the Acute Care Surgeon. Trauma, Critical Care and Acute Care Surgery Course, American College of Surgeons. Atlantic City, NJ. June 2007.

**Molinerio KG**. Evaluation and Management of Humeral Shaft Fractures. Orthopaedic Surgery Trauma Grand Rounds. Allegheny General Hospital. Pittsburgh, PA. May 2007.

Molinerio KG, **Altman GT**. The Double Bundle ACL Reconstruction. Orthopaedic Surgery Grand Rounds. Allegheny General Hospital. Pittsburgh, PA. January 2007.

Molinerio KG, **Altman GT**. Pelvic Ring Injuries: Evaluation and Management. Maintenance of Certification Preparation and Review Course, American Academy of Orthopaedic Surgeons. San Francisco, CA. December 2006.

Krenk DE, Molinerio KG, **Altman GT**. Acetabular Fractures: Evaluation and Management. Maintenance of Certification Preparation and Review Course, American Academy of Orthopaedic Surgeons. San Francisco, CA. December 2006.

Molinerio KG, **Altman GT**. The Hybrid ACL. Arthroscopy Association of North America. Palm Desert, CA. November 2006.

**Molinerio KG**. Evaluation and Management of Pelvic Ring Injuries. Orthopaedic Surgery Trauma Grand Rounds. Allegheny General Hospital. Pittsburgh, PA. October 2006.

Molinerio KG, **Altman GT**. Assessment and Emergency Management of Pelvic Ring Injuries. AO/ASIF Basic Principles and Techniques of Operative Fracture Management. Pittsburgh, PA. October 2006.

**Molinerio KG, Krenk DE**. OHS vs IMHS: A Socratic Debate. Orthopaedic Surgery Grand Rounds. Allegheny General Hospital. Pittsburgh, PA. September 2006.

**Molinerio KG**. Bone Healing and Bone Graft Substitutes. Orthopaedic Surgery Trauma Grand Rounds. Allegheny General Hospital. Pittsburgh, PA. September 2006.

#### **EDUCATIONAL COURSES** (*bold indicates course faculty*)

American Osteopathic Academy of Orthopedics Annual Meeting. Washington, D.C. October 2016.

Orthopaedic Trauma Association Annual Meeting. Washington, D.C. October 2016.

The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. **Faculty Member**. Naples, FL. October 2015.

ATLS Refresher Course/Recertification. MetroHealth, Cleveland, OH. November 2014.

Research Day. Orthopedic Surgery Residency, Millcreek Hospital. Erie, PA. June 2014.

American Osteopathic Academy of Orthopedics 54th Postgraduate Seminar. Dallas, TX. May 2014.

American Osteopathic Academy of Orthopedics Annual Meeting. Colorado Springs, CO. October 2012.

The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. **Faculty Member.** Naples, FL. October 2012.

American Osteopathic Academy of Orthopedics 52nd Postgraduate Seminar. White Sulphur Springs, WV. May 2012.

Orthopaedic Trauma Association Annual Meeting. San Antonio, TX. October 2011.

Orthopaedic Trauma Association Comprehensive Fracture Course for Residents. **Lab Instructor.** San Antonio, TX. October 2011.

The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. Naples, FL. October 2011.

Fracture Fixation/Trauma Signature Series Symposium. Miami, FL. December 2010.

Orthopaedic Trauma Association Annual Meeting. Baltimore, MD. October 2010.

Orthopaedic Trauma Association. Masters Level Trauma Coding Course. Baltimore, MD. October 2010.

The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. **Faculty Member.** Naples, FL. October 2010.

Designated Doctor and Physician Training Course. American Academy of Disability Evaluating Physicians. Grapevine, TX. July 2010.

Complex Lower Extremity Orthopaedic Challenges Workshop. Arlington, TX. April 2010.

AONA Bioskills Workshop for Operating Room Personnel. **AO Faculty Member. Director, Advanced Course.** Midland-Odessa, TX. November 2009.

The Nuts and Bolts of General Orthopaedics Review Course. Allegheny General Hospital. **Faculty Member.** Naples, FL. October 2009.



American Osteopathic Academy of Orthopedics Annual Meeting.  
**Faculty Member.** Boston, MA. October 2009.

AO Minimally Invasive Osteosynthesis Course. Las Vegas, NV. March 2009.

Orthopaedic Trauma Association Annual Meeting.  
Denver, CO. October 2008.

AONA Principles Course of Fracture Management for Operating Room Personnel.  
**AO Faculty Member.**  
San Antonio, TX. July 2008.

Orthopaedic Trauma Association Annual Meeting.  
Boston, MA. October 2007.

AO/ASIF Advanced Symposium: Solutions for Fracture Fixation Problems. Tysons Corner, VA. April 2007.

Orthopaedic Trauma Association Annual Meeting.  
Phoenix, Arizona. October 2006.

16<sup>th</sup> Annual Baltimore Limb Deformity Course.  
Baltimore, MD. September 2006.

AO/ASIF Advanced Principles and Techniques of Operative Fracture Management. Marco Island, FL. June 2006.

Orthopaedic Trauma Association Annual Meeting.  
Ottawa, Ontario, Canada. October 2005.

0. Carlyle Brock Lecture Series. Shriner's Hospital for Children. Erie, PA.  
September 2005.

Zimmer National Orthopaedic Resident Program.  
Chicago, IL. August 2005.

American Osteopathic Academy of Orthopedics 45<sup>th</sup> Postgraduate Seminar. Washington, D.C. May 2005.

Synthes - Treatment Options for Difficult Fractures: A New Technology Symposium.  
Farmington, PA. May 2005.

Orthopaedic Pathology Review Course. Akron General Hospital. Akron, OH.  
2005.

Hamot Shock Trauma Orthopaedic Alumni Conference.  
Clymer, NY. June 2005.

Masters Experience in Fundamental Arthroscopic Surgical Skills. Arthroscopy Association of North America. Chicago, IL. 2004.

Allegheny General Hospital Trauma Conference. Pittsburgh, PA. 2004.

Pathology Review Course. Akron General Hospital. Akron, OH. 2004.

0. Carlyle Brock Lecture Series. Shriner's Hospital for Children. Erie, PA. September 2004.

Hamot Shock Trauma Orthopaedic Alumni Conference. Erie, PA. October 2004.

University of Pittsburgh Orthopaedic Trauma Symposium. Pittsburgh, PA. September 2003.

0. Carlyle Brock Lecture Series. Shriner's Hospital for Children. Erie, PA. September 2003.

Synthes - Concepts in Locked Plating -A Trauma Symposium. Pittsburgh, PA. August 2003.

AO/ASIF Basic Principles and Techniques of Operative Fracture Management. Baltimore, MD. January 2004.

University of Pittsburgh Orthopaedic Arthroplasty Symposium. Pittsburgh, PA. 2003.

Boston Pathology Course. Boston, MA. March 2003.

Hamot Shock Trauma Orthopaedic Alumni Conference. Clymer, NY. 2003.

Pathology Review Course. Akron General Hospital. Akron, OH. 2003.

Zimmer- Pasadena Orthopaedic Trauma Course. Pasadena, CA. September 2003.

0. Carlyle Brock Lecture Series. Shriner's Hospital for Children. Erie, PA. September 2002.

Hamot Shock Trauma Orthopaedic Alumni Conference. Clymer, NY. 2002.

0. Carlyle Brock Lecture Series. Shriner's Hospital for Children. Erie, PA.  
September 2002.

**HOBBIES**

Ice/Roller Hockey Hunting