**CURRICULUM VITAE**

sERGIY nESTERENKO, M.D.

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CAREER OBJECTIVE

To develop a premiere clinical practice, contribute to advancements in spine surgery
on the national and international levels, support medical reforms in Ukraine

WORK EXPERIENCE

**Orthopaedic Spine Surgeon Grace Clinic of Lubbock, TX**

* Surgical management of degenerative spine pathology
* July 2014 – present
* Take care of surgical patients with spine pathology on inpatient and outpatient basis. Perform surgeries and provide perioperative care. Provide consultations for spine-related problems in outpatient clinic, on the hospital floor and in the emergency department.

**Postdoctoral Research Fellowship Mayo Clinic**

**Rochester, MN**

* Orthopedic Biomechanics Laboratory
* September 2006 – June 2008
* Mentor: Bernard Morrey, M.D.
* Performed basic research in biology of joint contracture, involving animal experiments and biomechanical testing.

**Orthopaedic Surgeon Municipal Hospital #8
Kryviy Rig, Ukraine**

* Surgical care for urgent orthopaedic trauma
* February – August 2004
* Provided conservative and surgical care for patients with orthopaedic injuries in the outpatient and inpatient setting.

MEDICAL TRAINING

**Clinical Fellowship in Spine Surgery Cleveland Clinic**

 **Cleveland, OH**

* Cleveland Clinic Neurological Institute
* Director: Thomas Mroz, M.D.
* July 2013 – June 2014

**Orthopaedic Residency The Johns Hopkins Hospital Baltimore, MD**

* Department of Orthopaedic Surgery
* Mentor: Frank J. Frassica, M.D.
* July 2008 – June 2013

**Clinical Fellowship National Institute of Disability
 Dnipropetrovsk, Ukraine**

* Reconstructive orthopaedic surgery, Ilizarov’s method
* Department of Orthopaedic Surgery
* Mentor: Prof. L. Naumenko, M.D.
* September 2004 – August 2006

**Orthopaedic Residency Mechnikov Regional Hospital**

 **Dnipropetrovsk, Ukraine**

* Department of Orthopaedic Surgery
* Mentor: Prof. A. Loskutov, M.D.
* July 2002 – Feb 2004

 **Medical School State Medical Academy Dnipropetrovsk, Ukraine**

* Leading member of student interest group in orthopaedics
* Course leader
* July 1996 – June 2002

 **High school Medical Lyceum**  **Dnipropetrovsk, Ukraine**

* Diploma with honors
* September 1994 – June 1996

RESEARCH

**Use of Disc Arthroplasty and Discectomy-Fusion in Treatment of Cervical Disk Pathology**

* Division of Spine Surgery, Department of Orthopaedic Surgery, Johns Hopkins Hospital, Baltimore, MD
* Dr. Lee H. Riley, III, Department of Orthopaedic Surgery,
Johns Hopkins Hospital
* September 2009 – 2013

 **Biology of posttraumatic joint stiffness**

* Orthopedic Biomechanics Laboratory, Mayo Clinic, Rochester, MN
* Dr. Bernard F. Morrey, Department of Orthopedic Surgery,
Mayo Clinic College of Medicine
* September 2006 – June 2008

PROFESSIONAL ORGANIZATIONS

* + - American Academy of Orthopaedic Surgeons, Member
		- Mayo Clinic Alumni Association, Member
		- Ukrainian Medical Association of Northern America, Member
		- North American Spine Society, Member
		- AOSpine North America, Member
		- Ukrainian Science Club, Associate Member

PUBLICATIONS

1. Nesterenko S, Domire ZJ, Morrey BF, Sanchez-Sotelo J. [Elbow strength and endurance in patients with a ruptured distal biceps tendon.](http://preview.ncbi.nlm.nih.gov/pubmed/19664936?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=1) J Shoulder Elbow Surg. 2009 Aug 5.
2. Nesterenko S, Morrey ME, Abdel MP, An KN, Steinmann SP, Morrey BF, Sanchez-Sotelo J. [New rabbit knee model of posttraumatic joint contracture: indirect capsular damage induces a severe contracture.](http://preview.ncbi.nlm.nih.gov/pubmed/19165743?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=2) J Orthop Res. 2009 Aug;27(8):1028-32.
3. Nesterenko S, Sanchez-Sotelo J, Morrey BF. [Refractory elbow arthrofibrosis. A report of four cases.](http://preview.ncbi.nlm.nih.gov/pubmed/19884444?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=1) J Bone Joint Surg Am. 2009 Nov;91(11):2693-5.
4. Nesterenko SO, Riley LH, Skolasky RL. Anterior Cervical Discectomy and Fusion versus Cervical Disc Arthroplasty: Current State and Trends in Treatment for Cervical Disc Pathology. [Spine (Phila Pa 1976).](http://www.ncbi.nlm.nih.gov/pubmed?term=skolasky%2C%20riley%2C%20nesterenko) 2012 Aug 1;37(17):1470-4.
5. Mesfin A, Nesterenko SO, Al-Hourani KG, Jain A, Sponseller PD. Management of hangman’s fractures and a subaxial compression fracture in two children with osteogenesis imperfecta. J Surg Orthop Adv. 2013;22(4):326-329.
6. Nesterenko SO, Dewan AK, Nair C, Peroutka RM. Acute-onset Arachnoid Cyst Causing Cauda Equina Compression After Uneventful Lumbar Decompression and Fusion: a Case Presentation and Review of the Literature, Submitted to Current Orthopaedic Practice, Oct 2014
7. Lubelski D, Alvin M, Nesterenko S, Sundar S, Thompson N, Benzel E, Mroz T. Correlation of Quality of Life and Functional Outcome Measures for Cervical Spondylotic Myelopathy, J Neurosurgery Spine. 2016 Mar;24(3):483-9.

PRESENTATIONS / LECTURES

1. Sergiy Nesterenko MD, Richard Skolasky, ScD, Lee Riley, MD, Anterior Cervical Discectomy and Fusion versus Cervical Disc Arthroplasty: Current State and Trends in Treatment for Cervical Disc Pathology, poster presented at the Cervical Spine Research Society 39th Annual Meeting, Scottsdale, Arizona, December 8 – 10, 2011
2. Khanna AJ, Nesterenko S, Surgical management of osteoporotic vertebral fractures, presented at e-Grand rounds 33, "Osteoporosis", sponsored by World Federation of Ukrainian Medical Societies, January 28, 2011
3. Sergiy Nesterenko MD, Richard Skolasky, ScD, Lee Riley, MD, Current Use of Disk Arthroplasty in Treatment of Cervical Disk Pathology, Poster presented at Cervical Spine Research Society 38th Annual Meeting, Charlotte, NC,
December 2-4, 2010
4. Nesterenko S, Riley LH, Skolasky R, Off-label Use of Cervical Disc Arthroplasty in the USA, poster presentation at the Annual AAOS Meeting, Chicago, March 19-23, 2013
5. Nesterenko S, Riley LH, Skolasky R, Comparison of In-hospital Complications Associated with ACDF and Cervical Disc Arthroplasty, scientific exhibit presented at the Annual AAOS Meeting, Chicago, March 19-23, 2013
6. Nesterenko S., Update on Cervical Artificial Disc Arthroplasty, Grand Rounds at the Department of Orthopaedic Surgery, The Johns Hopkins Hospital, May 23, 2013
7. Nesterenko S, Role of minimally invasive techniques in spine surgery, Presentation at the 32nd Annual Pain Symposium, Texas Tech University, June 7, 2015
8. Nesterenko S, An Update on Spine Surgery, Presentation at the Instructional Course for Doctor of Science Program in Physical Therapy, “Updates in Orthopaedic Surgical Management”, Texas Tech University, November 03, 2017
9. Nesterenko S, Concervative Care for the Spine-related Problems: an Algorithmic Approach, Presentation at the 10th Annual Update in General Internal Medicine, Texas Tech University Health Sciences Center, March 31st, 2018

CONFERENCES / COURSES

* + - Medtronic Catalyst Resident and Fellow Course, Spine + Science + Management, November 16-17, 2012, New Orleans, LA
		- Stryker Advanced Nailing and Percutaneous/MIPO Techniques Resident Dissection Course, Homer Stryker Center – Mahwah, NJ, September 28-29, 2012
		- Orthofix Atlas Forum™ Principles in the Surgical Management of Adult Spinal Deformity, Lewisville, TX, June 9, 2012
		- Stryker Spine Lateral Approach Training, Miami Anatomical Research Center, May 11, 2012
		- Residents and Spine Fellows Hands-On Course, Orthofix Institute, Lewisville, TX, April 21-22, 2012
		- The Atlas Forum™ Advancements in Minimally Invasive Spine Surgery: Deformity, Trauma and Tumor Applications, Lewisville, TX, March 31, 2012
		- AOSNA Principles and Treatment of Spinal Disorders Course, Las Vegas, August 19-20, 2011
		- Orthofix Atlas Forum: Residents and Spine Fellows Hands-on Course , Lewisville, TX, April 9-10, 2011
		- Cervical Spine Research Society 38th Annual Meeting, Charlotte, NC,
		December 2-4, 2010 – poster presentation
		- Orthopaedic Trauma Association Comprehensive Fracture Course for Residents, Baltimore, MD, October 13-16, 2010
		- Foundation for Orthopedic Trauma Hand-On Practical Dessection Course: Approaches to the Upper Extremity, North Shore LIJ BioSkills Center, Lake Success, NY, September 24, 2010
		- Basic Principles and Techniques of Operative Fracture Management, Course for Residents, Hollywood, FL, September 11-14, 2010
		- Stryker Spine, Techniques in Occipito-Cervico-Thoracic Reconstruction, VISTA, Baltimore, MD, August 13, 2010
		- Minimally Invasive Spine Surgery, Spine Education and Research Center, Burr Ridge, IL, August 6-7, 2010
		- Basic Microsurgery Course, Mayo Clinic, Rochester, MN, February 2008
		- 7th Annual Mayo Clinic Advanced Elbow Surgical Skills Course, Elbow Trauma, Mayo school of medicine, Mayo Clinic, Rochester, MN, May 20-21, 2005

BOARD CERTIFICATION

* + - Certified by the American Board of Orthopaedic Surgery, July 27, 2017

INTERNATIONAL EXPERIENCE

* + - Worked as an orthopaedic trauma surgeon in Ukraine 2014-2016
		- Overseas clinical elective in spine surgery at International Neurosurgery Center, Kyiv, Ukraine, July 2011

HONORS/AWARDS / GRANTS

* + - 2010 Cervical Spine Research Society Resident Grant Award
		Project: “In-hospital Complications Related to Cervical Disc Arthroplasty:  National Experience Before and After FDA Approval”
		- Educational DePuy Grant for Minimally Invasive Spine Surgery Instructional Course, August 2010
		- Rochester Ukrainian Federal Credit Union Medical Fellowship Award, March 2002

PROFESSIONAL SOCIETIES

* + - American Academy of Orthopaedic Surgeons
		- North American Spine Society
		- AOSpine North America
		- Ukrainian Medical Association of North America

COMMITTEES

* Alternate Delegate with Lubbock County Medical Society, Board member, 2016 – present
* American Ukrainian Medical Foundation, Director, 2015 – present
* Ukrainian Medical Education Foundation, President, 2014
* Credentialing committee, Grace Clinic of Lubbock, 2015 - 2017
* Work group for implementation of electronic medical records
Johns Hopkins Hospital, July-August 2010

TEACHING EXPERIENCE

* Organization and moderation of the resident “Spine surgery” journal club,
 Johns Hopkins Hospital, date: August 24, 2010
* Moderator at OITE review course, Johns Hopkins Hospital, date: November 7, 2010

LANGUAGES

* Ukrainian, Russian (native languages)

PERSONAL

* Date of Birth: January 29, 1979
* Birthplace: Novomoskovsk, Ukraine
* Marital Status: Married to Lyudmyla (Lucy) Nesterenko
* Children: Danylo Nesterenko, son (born 2012)
* Hobbies: Running (half marathon in 2016 and 2017), piano, travel, history, politics, life-long learning
* Personal blog about American medicine in Ukrainian: SergiyNesterenko.com

REFERENCES

Available upon request