December 2,2020

CURRICULUM VITAE

1. PERSONAL

NAME: **Nomaan Ashraf, MD/MBA**

BIRTHPLACE: Chicago, Illinois

CITIZENSHIP: U.S.A.

E-MAIL ADDRESS: drashraf@compspinecare.com

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BUSINESS ADDRESS: Comprehensive Spine Care, PA
PO Box 631
Westwood, NJ 07675
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CURRENT POSITION:

May 2010- present
Spine Surgeon
Comprehensive Spine Care, PA
Westwood NJ

Assistant Clinical Professor
Spinal Surgery
Mount Sinai Medical Center
New York, NY

Hospital Privileges

Mt. Sinai Medical Center
New York, NY
May 17, 2010-present

Hackensack University Medical Center
Hackensack, NJ
June 2010-present

Valley Hospital
Ridgewood, NJ
February 2011-present

2. EDUCATION AND TRAINING

UNDERGRADUATE

1994-1998	University of Pennsylvania Philadelphia, Pennsylvania	B.A. Neuroscience

GRADUATE:

1998-2002	Tufts University School of Medicine Boston, MA	M.D. M.B.A. Health Care Management

3. POST-GRADUATE TRAINING

2002-2003	New York-Presbyterian Hospital Cornell University New York, NY	Intern, Surgery
2003-2004	Carolinas Medical Center Charlotte, North Carolina	Research Fellow Basic Sciences, Orthopaedic Surgery
2004-2008	Carolinas Medical Center Charlotte, North Carolina	Resident, Orthopaedic Surgery
2008-2009	Spine Institute at Cedars Sinai Dr. Rick Delamarter Los Angeles , CA	Fellowship Spine Surgery

4. Honors

1995	Awarded student fellowship for research in Nuclear Medicine at the Hospital of the University of Pennsylvania
2006	Awarded "Best E-poster" at 2006 POSNA (Pediatric Orthopedic Society of North America) Annual Meeting: "Gene Expression at the Growth Plate following Femoral Diaphyseal Fracture in a Rat Model"
2006	Awarded Best Basic Science Research at annual Dept. of Orthopaedics Research Day: "Factor VIII staining of the Physes following fracture: Is Physeal Bar Formation a Vascular Phenomenon?"
2007	American Orthopaedic Association (AOA) Emerging Leadership Forum
2008	Winner Best Essay Contest Department Of Orthopaedics
2008	Basil M Boyd Memorial Research Award

5. PUBLIC AND COMMUNITY SERVICE ACTIVITY

1996 Childrens Seashore House volunteer
1996 Habitat for Humanity member
2003-2006 United Way Volunteer

6. MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Society for Minimally Invasive Spine Surgery
North America Spine Society
Diplomate American Academy of Orthopaedic Surgeons

7. CERTIFICATION

Board Certified American Board of Orthopaedic Surgeons (ABOS) 2011

7-B LICENSURE

New Jersey Medical License: 25MA08731500
New York Medical License: 254061-1
California Medical License: A104388
DEA BA 9843334

8- COMMITTEES

Mortality and Morbidity Committee 2003-2004
Orthopaedic Surgery
Carolinas Medical Center

Operating Room Committee 2005-2006
Carolinas Medical Center

9- Research Support

Long Term Outcome of Supracondylar Femur
Fractures with Segmental Bone Loss (Co-investigator)
Charlotte-Meckelenberg County Health Services Foundation
$16,500
10/2003-10/2004

Gene Expression at the Growth Plate Following
Femoral Diaphysis Fracture: DNA Microarray
Analysis on a Rat Fracture Model (Principal Investigator)
Charlotte-Meckelenberg County Health Services Foundation
$29,606
5/2003-5/2004

Radiation Prophylaxis For Post-Traumatic Heterotopic
Ossification of the Elbow (Co-investigator)
Charlotte-Meckelenberg County Health Services Foundation
$32,640

Radiation Prophylaxis For Post-Traumatic Heterotopic
Ossification of the Elbow (Co-investigator)
Orthopaedic Trauma Association

$49,000

10: BIBLIOGRAPHY

Gruber HE, Ashraf N, Cox, M, Ingram JA, Templin M, Wattenbarger JM: Experimental induction of physeal injuries by fracture, drill and ablation techniques: Analyses of immunohistochemical findings. J. Pediatric Orthopaedics. 39:479-486, 2019. PMID: 29189533.

Gruber HE, Ashraf N, Cox, M, Ingram JA, Templin M, Wattenbarger JM: Experimental induction of physeal injuries by fracture, drill and ablation techniques: Analyses of immunohistochemical findings. J. Pediatric Orthopaedics. 2017 Nov 16, 2017 doi: 10.1097/BPO.0000000000001093. [Epub ahead of print] PMID: 29189533.

Ashraf, N; Congenital Cervical Anomalies/Special Needs Athletes**. Spine Injuries in Athletes**. 212-222; 2017

Steven J. McAnany, Junyoung Ahn, Islam M. Elboghdady, Alejandro Marquez-Lara, Nomaan Ashraf, Branko Svovrlj, Samuel C. Overley, Kern Singh, Sheeraz A. Qureshi *Mesenchymal stem cell allograft as a fusion adjunct in one- and two-level anterior cervical discectomy and fusion: a matched cohort analysis;* The Spine Journal 2016 Volume 16, Issue 2, Pages 163–167

Kim J, Baird E, Ashraf N. ; Congenital Cervical Anomalies and the Special Needs Athlete. **Decision Making in Degenerative Spinal Surgery: A Case Based Approach; 2016**

Glaser J, Ashraf N, Minimally Invasive Posterior Approach for Degenerative Lumbar Scoliosis; **Decision Making in Degenerative Spinal Surgery: A Case Based Approach;** 277-286; 2016

Ashraf N, Delamarter R*: ProDisc-C Surgical Technique and Outcomes:*. **Cervical Spine Surgery: Current Trends and Challenges** 2011.

Ashraf N, Bae H: *Mediastinitis Incidence, Etiology, Treatment Options and Outcomes:* **The Cervical Spine***: 5th Edition; 2012*

Ashraf N, Bae H: Resorbables - Do They Have a Role in the Cervical Spine*:* **The Cervical Spine:** *5th Edition 1443-46; 2012*

Ashraf N, Bae H: "Lumbar Microdiscectomy and Foraminotomy " **Advanced Reconstruction Spine.** 235-240; 2011.

Ashraf N, Bae H. *Nucleus Arthroplasty:* ***Biologic Methods and Future Nucleus Arthroplasty Applications.*** *2011*

Ashraf N, Hecht A: *Congenital and Developmental Abnormalities Encountered In Athletes.* **Seminars In Spine Surgery.** 22:4 December 2010.

Hamid N, Ashraf N et al. *Radiation therapy for heterotopic ossification prophylaxis acutely after elbow trauma: a prospective randomized study***. J Bone Joint Surg Am.** ;92(11):2032-8. 2010 Sep 1

Ashraf N, *Radiation Therapy for Heterotopic Ossification Prophylaxis Acutely After Elbow Traum.* JBJS (Am.) 2010;92:2032-2038.

Meyer RA Jr. Meyer MH. Ashraf N. Frick S. *Changes in mRNA gene expression during growth in the femoral head of the young rat*. Bone. 40(6):1554-64, 2007 Jun.

Ashraf N. Meyer MH. Frick S. Meyer RA Jr. *Evidence for overgrowth after midfemoral fracture via increased RNA for mitosis.* Clinical Orthopaedics & Related Research. 454:214-22, 2007 Jan

Gruber H, Ashraf N, Hanley E, Norton J, *Vertebral end plate architecture and vascularization: Application of µCT imaging, a vascular tracer, and immunocytochemistry in analyses of disc degeneration in the aging sand rat.* Spine 30(23): 2593-2600, December 2005

Ashraf N, Bhattacharyya N, *Determination of the "incidental " Lund score for the staging of chronic rhinosinusitis.* Otolaryngology: Head and Neck Surgery, 125(5):483-486, November 2001

11: Presentations

Causation Issues for Spine Surgeons: Capehart-Scatchard Millenium Seminar December 2018

Does Ambulatory Surgery Benefit Patient Outcome? Las Vegas Nevada; Society for Minimally Invasive Spine Surgery (SMISS) Annual Meeting; "What Cases Can I Safely do in an Ambulatory Surgery Center?" September 2018.

Degenerative and Lateral Surgery Free Papers. Las Vegas Nevada; Society for Minimally Invasive Spine Surgery (SMISS) Annual Meeting; Section Debate Moderator September 2018.

Optimizing Care of the Spine Injured Worker; Parsippany, NJ. In-service for New Jersey Manufacturers October 2018

Causation Analysis in the Spine Injured Worker; Whippany, NJ. Millenium Seminar. December 2018

Optimizing Care of the Spine Injured Worker; Basking Ridge, NJ. In-service for Chubb; August 2018

Monitoring and Medication Management in Workers Compensation Patients; Morris Plains, NJ. In-Service for First MCO; June 2018

Cognitive Behavioral Therapy in Spine Surgery; Morris Plains, NJ; In-Service for First MCO; June 2018

Optimizing Care of the Spine Injured Worker; Atlantic City, NJ; International Association of Rehab Professionals Annual Meeting; June 2018

Complication Avoidance and Management in Minimally Invasive Spine Surgery; Chicago, IL; North American Spine Society; "*Patient Selection-Radiographic Anatomy Understanding Basic Tubular Systems, Pearls in Patient Selection"; May 2015*

Presentation American Academy of Orthopaedic Surgeons New Orleans, LA March 2014 *"Fusion Rates in Anterior Cervical Discectomy and Fusion Procedures using Mesenchymal Stem Cell Allograft"*

Presentation Cervical Spine Research Society Los Angeles, CA December 2013: *"Fusion Rates in One and Two Level Anterior Cervical Discectomy and Fusion Procedures using Mesenchymal Stem Cell Allograft"*

Faculty Presentation at Concentra Medical Center Secaucus, NJ: October 16, 2013. **"***Management of Common Lumbar and Cervical Spine Conditions."*

Faculty Presentations Northeast Regional Minimally Invasive Spine Surgery Meeting New York, NY: July 26, 2013.
Anatomic Considerations in Lateral Surgery

Faculty Presentation Mid-Atlantic Spine Summit 2013 Allendale, NJ: June 14, 2013
Anterior vs Posterior Treatment for Lumbar Spondylolisthesis

Faculty Presentation Spine in the City New York, NY 2012: Current Concepts and Techniques Meeting, July 27,2012
"Single Level Disc Herniation"

Presentation, North America Spine Society Meeting, Nov 10-14 2009, San Francisco, CA
Three Level Cervical ADR: Long Term Clinical And Radiographic Outcomes

Presentation, North America Spine Society Meeting, Nov 10-14 2009, San Francisco, CA
3 Level Lumbar ADR: A Clinical and Radiographic Analysis of Saggital Motion Preservation at 2-6 years.

Presentation, North America Spine Society Meeting, Nov 10-14 2009, San Francisco, CA
The Hybrid ADR: Long Term Analysis of Sagittal Motion and Clinical Outcome after Concurrent ADR+ALIF(Minimum 2 year follow-up)

Presentation, North America Spine Society Meeting, Nov 10-14 2009, San Francisco, CA
Multiple-level Lumbar Artificial Disk Replacement Adjacent to Concurrent Anterior Lumbar Interbody Fusion: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at 2-6 Years

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Multiple-level Lumbar Artificial Disk Replacement Adjacent to Concurrent Anterior Lumbar Interbody Fusion: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at 2-6 Years

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Multiple-level Cervical ADR: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at 2-5 Years

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Multi-level Lumbar ADR with ProDisc-L: A clinical and Radiographic Analysis of Saggital Motion Preservation at 2-6 years.

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Three-level Cervical ADR: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at 2-5 Years

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Two-level Cervical ADR: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at 2-5 Years

Presentation, Spine Arthroplasty Society Meeting, April 28-May 1 2009. London, England
Single Level Lumbar ADR Adjacent to Concurrent Anterior Lumbar Interbody Fusion: A Radiographic Analysis of Sagittal Motion Preservation at 2-6 Years

Presentation, American Orthopaedic Association (AOA) 120th Annual Meeting June 2007 Ashville, NC. *Factor VIII staining of the Physes following fracture: Is Physeal Bar Formation Vascular Phenomenon?"*

Presentation, American Academy Of Orthopaedic Surgeons (AAOS), March 21-25, 2006, Chicago, IL

Gene Expression at the Growth Plate following Femoral Diaphyseal Fracture in a Rat Model

Presentation, American Academy Of Orthopaedic Surgeons (AAOS), March 21-25, 2006, Chicago, IL
Orthopaedic Residents Not Knot-Tying: Improving Basic Surgical Skills During Residency Training

E-Poster Presentation, Pediatric Orthopaedic Society of North America (POSNA) 2006 Annual Meeting *Gene Expression at the Growth Plate following Femoral Diaphyseal Fracture in a Rat Model*

International Society for the Study of the Lumbar Spine (ISSLS), May 10-14, 2005, New York, N.Y.
Vertebral end plate architecture and vascularization: Application of µCT imaging, a vascular tracer, and immunocytochemistry in analyses of disc degeneration in the aging sand rat.