

## **CURRICULUM VITAE AND BIBLIOGRAPHY**

**FULL NAME AND DEGREE/S:** Mohammad Usman Nasir Khan, M.B.B.S., F.A.C.S.

**OFFICE ADDRESS:** Vascular & Vein Center of NJ  
10 Industrial way E,  
Suite 103  
Eatontown, NJ 07724

**OFFICE PHONE NUMBER:** 732-641-VEIN

### **ACADEMIC APPOINTMENTS**

|                    |  |
|--------------------|--|
| 07-2017 to Present | Medical Director Vascular Lab<br>Jersey Shore University Medical Center, NJ                                |
| 03-2015 to Present | Chief, Division of Vascular Surgery<br>Department of Surgery<br>Jersey Shore University Medical Center, NJ |
| 12-2013 to Present | International Faculty<br>Rawalpindi Medical College, Rawalpindi, Pakistan                                  |
| 07-2007 to 06-2009 | Clinical Instructor General Surgery<br>Department of Surgery, SUNY at Buffalo                              |

### **PROFESSIONAL/EMPLOYMENT HISTORY**

|                    |   |
|--------------------|---|
| 6-2019 to Present  | Medical Director<br>Vascular & Vein Center of NJ  |
| 02-2013 to 5-2019  | Northern Monmouth County Surgical Associates<br>Hackensack Meridian Health<br>Jersey Shore University Medical Center<br>Neptune, NJ |
| 03-2012 to 12-2012 | Maine Medical Partners-Cardiothoracic Surgery<br>818 Congress Street<br>Portland, ME  |
| 10-2009 to 03-2012 | Maine Heart Surgical Associates<br>818 Congress Street<br>Portland, ME  |

## **CURRICULUM VITAE AND BIBLIOGRAPHY**

M. Usman Nasir Khan, MD

### **BOARD CERTIFICATIONS**

|              |  |          |
|--------------|--|----------|
| October 2008 | American Board of Surgery (General surgery)  | # 53779  |
| May 2010     | American Board of Surgery (Vascular surgery) | # 102024 |

### **RESIDENCY AND FELLOWSHIP TRAINING**

|                    |                                      |   |
|--------------------|--------------------------------------|---|
| 07-2007 to 06-2009 | Fellowship in Vascular Surgery       | State University of New York at Buffalo, NY<br>Program Director: Dr. Linda M. Harris, MD                        |
| 02-2005 to 06-2007 | Chief Resident General Surgery       | University of Connecticut Integrated<br>Program in General Surgery  |
| 07-2003 to 06-2004 | Fellowship in Surgical Critical Care | University of Connecticut School of Medicine<br>Hartford Hospital<br>Program Director: Dr. Kevin P. Keating, MD |
| 09-2000 to 06-2003 | Resident in General Surgery          | University of Connecticut Integrated<br>Program in General Surgery  |

### **POST DOCTORAL TRAINING**

|                    |                              |  |
|--------------------|------------------------------|--|
| 06-1999 to 08-2000 | Post Doctoral Fellow         | Department of Anesthesia<br>Mount Sinai Medical Center, New York, NY<br>Mentor: Dr. Dennis E. Feerman, MD, Ph.D. |
| 04-1998 to 12-1998 | Locum Tenens Medical officer | Family Hospital<br>Lahore, Pakistan  |
| 09-1997 to 03-1998 | House Officer/Intern         | Departments of Medicine<br>Services Hospital, Lahore, Pakistan   |
| 03-1997 to 09-1997 | House Officer/Intern         | Departments of Anesthesia<br>Services Hospital, Lahore, Pakistan   |

### **EDUCATION**

#### **Undergraduate**

|                    |   |
|--------------------|---|
| 04-1977 to 03-1988 | Higher Secondary School Diploma (F.Sc.)<br>Crescent Model H.S. School<br>Lahore, Pakistan |
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#### **Medical School**

|                    |   |
|--------------------|---|
| 09-1990 to 03-1997 | Bachelor of Surgery Bachelor of Medicine (M.B.B.S.)<br>Allama Iqbal Medical College<br>Lahore, Pakistan |
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### **CERTIFICATIONS**

## CURRICULUM VITAE AND BIBLIOGRAPHY

M. Usman Nasir Khan, MD

May 1998                      ECFMG Certification # 0-560-834-4  
(Valid indefinitely)

March 2013                  ACLS  
(Active)

### STATE LICENSURE

New Jersey                      #25MA09224300 (Active)

### HOSPITAL APPOINTMENTS

02-2013 to Present              Attending Vascular Surgeon  
Jersey Shore University Medical Center, Neptune, NJ

02-2013 to Present              Attending Vascular Surgeon  
Bay Shore Community Hospital, Holmdel, NJ

05-2009 to 12-2012              Attending Vascular Surgeon  
Maine Medical Center, Portland, Maine

### AWARDS AND HONORS

2018                              Physician leader-Center of Excellence award  
Silk Road Medical TCAR

2016                              Orion Award, Jersey Shore University Medical Center

2006                              Robert W. Painter Award for Outstanding Chief Surgical Resident  
Hartford Hospital and University of Connecticut Department of Surgery

1992                              Silver Medal in Physiology  
Allama Iqbal Medical College, Lahore, Pakistan

### RESEARCH PROJECTS

1. **Principal Investigator, Jersey Shore University Medical Center**

**Ranger II SFA Study**

Premarket, randomized controlled trial to evaluate use of a drug coated balloon vs standard balloon angioplasty in subjects with lesions located in superficial femoral artery and proximal popliteal artery.

2. **Principal Investigator, Jersey Shore University Medical Center**

**LIFE Study: Least Invasive Fast-Track EVAR**

A Prospective, Multicenter, Non-Randomized consecutively enrolling, post market registry to evaluate the ultra-low profil (14F) Ovation Prime Abdominal Stent Graft System when used in the Percutaneous

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Endovascular Aneurysm Repair (P-EVAR) treatment of patients with AAA using a Fast-Track EVAR protocol

3. **Principal Investigator , Maine Medical Center**

**RESCUE Trial**

Evaluation of the Clinical Performance of the Valiant Thoracic Stent Graft with the Captivia Delivery System for the Endovascular treatment of Blunt Thoracic Aortic Injuries

4. **Sub-Investigator, Maine Medical Center**

**The Absolute Pro MOMENTUM Trial**

A Prospective, Multi-Center, Non-Randomized, Single-Arm Clinical Trial to Evaluate the Safety and Effectiveness of the Absolute Pro® Peripheral Self-Expanding Stent System and the Absolute Pro® LL Peripheral Self-Expanding Stent System in the Treatment of Subjects with Atherosclerotic de novo or Restenotic Lesions in the Native Superficial Femoral Artery and/or Native Proximal Popliteal Artery

5. **Sub-Investigator, Maine Medical Center**

**SUPERB Trial**

Comparison of the Supera Peripheral System to a Performance Goal Derived from Balloon Angioplasty Clinical Trials in the Superficial Femoral Artery

6. **Sub-Investigator, Maine Medical Center**

**CHOICE Trial**

Carotid Stenting for High Surgical-Risk Patients; Evaluating Outcomes Through the Collection of Clinical Evidence

### **PUBLICATIONS**

1. Emergent TEVAR for Traumatic aortic injury using Total Percutaneous technique.  
Mohammad U. Nasir Khan, MBBS, FACS. Endovascular Forum  
<http://www.endovascular.org/index.cfm?event=clinicalMedia.interactiveCaseDeviceReviews&id=317&categoryId=1>
2. Treatment of complex blunt traumatic aortic injury presenting with acute leg ischemia.  
Mohammad U. Nasir Khan, MBBS. Endovascular Forum May 2012.  
<http://www.endovascular.org/index.cfm?event=clinicalMedia.interactiveCaseDetails&id=279&categoryId=8&cc=4&initial=1>
3. Endovascular Treatment of a SFA Pseudoaneurysm Secondary to a Type 4 Life Stent Fracture with Stent Deformity and Disconnect using Viabahn Stent Graft. Mohammad U. Nasir Khan, MBBS  
Endovascular Forum April 2012.  
<http://www.endovascular.org/index.cfm?event=clinicalMedia.interactiveCaseDetails&i=269&categoryId=8>
4. Successful angioplasty and stenting of a chronic total occlusion of SFA with SUPERA stent.  
Mohammad U. Nasir Khan, MBBS. Endovascular Forum. February 2012.  
<http://www.endovascular.org/index.cfm?event=clinicalMedia.interactiveCaseDetailsContent&id=253&categoryId=0>

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5. Total Percutaneous Abdominal aortic aneurysm repair  
Mohammad U. Nasir Khan, MD  
MHSA Quarterly newsletter 2010.
6. Predictors of limb loss despite patent endovascular treated arterial segments (PETAS) Mohammad U. Nasir Khan , Gregory S. Cherr, Purandath Lall, Linda M Harris, Maciej L Dryjski, Hasan H Dosluoglu  
Journal of Vascular Surgery Vol. 49, Issue 6, Pages 1440-1445
7. Endovascular Abdominal Aortic Aneurysm Repair  
Mohammad U. Nasir Khan, MD and Linda M. Harris, MD Editorial Contribution Health Care Bulletin  
<http://www.healthcare-bulletin.com/surgery/> 2008
8. Anastomotic disruption after large bowel resection: risk factors, management and outcomes  
Mohammad U. Nasir Khan MD, Farshad Abir MD, Walter Longo MD, Robert Kozol, MD, FACS.  
World J Gastroenterol 2006 April 28; 12(16): 2497-2504
9. Intraoperative use of gamma probe for localization of recurrent gastrinoma Mohammad U. Nasir Khan MD, Carl Malchoff MD, Ron Weiner MD, Robert Kozol MD. Contemporary Surgery. 60(8);371-374. August 2004

### **ORAL PRESENTATIONS:**

#### **International Conferences**

1. End-points of Resuscitation  
Invited International Faculty Grand Rounds, RMC International Scientific Conference 2013
2. Carotid artery Disease-Endarterectomy versus Stenting  
Invited International Faculty Grand Rounds, RMC International Scientific Conference 2013

#### **National Societies**

1. Predictors of limb loss despite patent endovascular treated arterial segments (PETAS) Mohammad U. Nasir Khan , Gregory S. Cherr, Purandath Lall, Linda M Harris, Maciej L Dryjski, Hasan H Dosluoglu.  
25<sup>th</sup> Annual Vascular Fellows Symposium, New York, NY April 2009
2. Predictors of limb loss despite patent endovascular treated arterial segments (PETAS) Mohammad U. Nasir Khan , Gregory S. Cherr, Purandath Lall, Linda M Harris, Maciej L Dryjski, Hasan H Dosluoglu.  
Society of Clinical Vascular Surgery Annual meeting, Las Vegas March 2008.

#### **Regional Meetings/Societies**

1. Imaging in Vascular Surgery.  
Invited lecture, Department of Anesthesia, MMC November 2010.

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2. Updates in Vascular/Endovascular Surgery.  
New England Rehabilitation Hospital, Portland, ME. November 2010.
3. Innovations in Vascular Surgery.  
InterMed Medical Group, Portland, ME. October 2010.
4. Advances in management (Endovascular) of Type B Aortic dissections.  
Department of Critical Care Medicine Grand Rounds, Maine Medical Center March 2010.
5. Endovascular Management of Blunt Traumatic Aortic Injuries.  
Department of Cardiothoracic Surgery Review and annual workshop, Maine Medical Center. March 2010.
6. Endovascular Management of Type-B aortic dissections.  
Department of Surgery Grand Rounds. SUNY at Buffalo, March 2008.
7. End Points of Resuscitation.  
Department of Surgery Grand Rounds, University of Connecticut June 2007.
8. Retrievable IVC filter-a novel approach in preventing PE in patients undergoing RYGB. Mohammad U. Nasir Khan, Syed Ali, Scott Ellner, Jeannine Giovanni and Carlos A. Barba.  
Connecticut Chapter of American College of Surgeons meeting November 2005.
9. Safety of C-Spine Clearance With CT Scan In Patients With Altered Mental Status. Mohammad U. Nasir Khan, Bruce Bernstein, Manuel Lorenzo, Anthony Morgan, Carlos Barba  
Connecticut Chapter of American College of Surgeons meeting November 2002

### **POSTER PRESENTATIONS:**

1. Rare presentation of Blunt Traumatic Aortic Injury (BTAI) successfully treated with aortic endograft  
Joshua Ramos MS3, Mohammad U Nasir Khan MD  
Jersey Shore University Medical Center Annual Research day 2019
2. Non anastomotic, non infectious rupture of Femoral –Femoral bypass graft with chronic large pseudo aneurysm formation. Ayomipo Madein MS3, Mohammad U Nasir Khan MD.  
Jersey Shore University Medical Center Annual Research day 2019
3. Type B aortic dissection identified following cardiac ablation procedure. Mohammad U. Nasir Khan, Ihab Girgis, Dawn Calderon,  
American Thoracic society Meeting 2016
4. Bicuspid aortic valve and fragile aorta. Mohammad U Nasir Khan, Dawn Calderon, Shreiya Ghetya  
Miami Valve Conference 2016
5. A Technique for preventing port site complications in Laparoscopic Adjustable Gastric Banding. Syed Ali, Mohammad U. Nasir Khan, Scott Ellner, Jeannine Giovanni and Carlos A. Barba. Connecticut Chapter of American College of Surgeons meeting November 2005.

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6. Retrievable IVC filter-a novel approach in preventing PE in patients undergoing RYGB. Mohammad U. Nasir Khan, Syed Ali, Scott Ellner, Jeannine Giovanni and Carlos A. Barba. Connecticut Chapter of American College of Surgeons meeting November 2005.
7. Reduced incidence of wound infections with transabdominal introduction of anvil using circular stapler in gastric bypass patients. Carlos Barba, Mohammad U. Nasir Khan, Manuel Lorenzo, Anthony Morgan. American society for bariatric surgery June 2004, San Diego.
8. Safety Of C-Spine Clearance With CT Scan In Patients With Altered Mental Status (AMS). Mohammad U. Nasir Khan, Bruce Bernstein, Manuel Lorenzo, Anthony Morgan, Carlos Barba American Association for surgery of Trauma June 2002.
9. Safety Of C-Spine Clearance With CT Scan In Patients With Altered Mental Status (AMS). Mohammad U. Nasir Khan, Bruce Bernstein, Manuel Lorenzo, Anthony Morgan, Carlos Barba American Association for surgery of Trauma June 2002.
10. Non-self correction of base deficit: an indicator of early graft failure in liver transplant recipients. D. E. Feerman, PhD, MD, C. A. Bodian, DrPH, S. Emre, MD, Mohammad U. Nasir Khan, MD International Anesthesia Research Society March 2001.
11. Inhibition of midazolam metabolism by acetaminophen in rat liver microsomes” D. E. Feerman, PhD, MD, Mohammad U. Nasir Khan, MD International Anesthesia Research Society March 2000.

### ORAL PRESENTATIONS

1. A Technique for preventing port site complications in Laparoscopic Adjustable Gastric Banding. Syed Ali, Mohammad U. Nasir Khan, Scott Ellner, Jeannine Giovanni and Carlos A. Barba. Connecticut Chapter of American College of Surgeons meeting November 2005.
2. Retrievable IVC filter-a novel approach in preventing PE in patients undergoing RYGB. Mohammad U. Nasir Khan, Syed Ali, Scott Ellner, Jeannine Giovanni and Carlos A. Barba. Connecticut Chapter of American College of Surgeons meeting November 2005.
3. Reduced incidence of wound infections with transabdominal introduction of anvil using circular stapler in gastric bypass patients. Carlos Barba, Mohammad U. Nasir Khan, Manuel Lorenzo, Anthony Morgan. American society for bariatric surgery June 2004, San Diego.
4. Safety Of C-Spine Clearance With CT Scan In Patients With Altered Mental Status (AMS). Mohammad U. Nasir Khan, Bruce Bernstein, Manuel Lorenzo, Anthony Morgan, Carlos Barba American Association for surgery of Trauma June 2002.
5. Safety Of C-Spine Clearance With CT Scan In Patients With Altered Mental Status (AMS). Mohammad U. Nasir Khan, Bruce Bernstein, Manuel Lorenzo, Anthony Morgan, Carlos Barba American Association for surgery of Trauma June 2002.
6. Non-self correction of base deficit: an indicator of early graft failure in liver transplant recipients. D. E. Feerman, PhD, MD, C. A. Bodian, DrPH, S. Emre, MD, Mohammad U. Nasir Khan, MD International Anesthesia Research Society March 2001.

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7. Inhibition of midazolam metabolism by acetaminophen in rat liver microsomes” D. E. Feerman, PhD, MD, Mohammad U. Nasir Khan, MD International Anesthesia Research Society March 2000.

### **PROFESSIONAL SOCIETIES**

|        |                                      |
|--------|--------------------------------------|
| Fellow | American College of Surgeons         |
| Fellow | Society of Vascular Surgery          |
| Member | Society of Clinical Vascular Society |