**CURRICULUM VITAE - MEDICAL**

Name: **Nasser Razack, M.D., J.D.**

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 St. Petersburg, FL 33712

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**EMPLOYMENT**

5/2019-present **Naples Community Hospital**

Neurointerventional Services

 350 7th Street N

                                    Naples, FL 34102-5754

3/2019-present **Bayfront Health Port Charlotte**

 Neurointerventional Services

 2500 Harbor Blvd

 Port Charlotte. FL 33952

2/2019- present **Physicians Regional Healthcare System**

Neurointerventional Services

 6101 Pine Ridge Rd.

 Naples, FL 34119

4/2013-present **Gulf Coast Medical Center**

Neurointerventional Services

 13681 Doctors Way

 Fort Myers, FL 33912

8/2013-2017 **Holmes Regional Medical Center**

 Neurointerventional Radiology

1350 S Hickory Street

Melbourne, FL 32901

2/2011-present **Palms of Pasadena Hospital**

Neurointerventional Radiology

St. Petersburg, FL 33707

1/2010-present **Northside Hospital**

Neurointerventional Radiology

 St. Petersburg, FL 33709

4/2008-7/2013  **Sarasota Memorial Hospital**

Neurointerventional Radiology

 Sarasota, FL 34239

1/2008-12/2009 **Bayfront Medical Center**

Director, Interventional Neuroradiology

 Saint Petersburg, FL 33710

6/2006-12/2007 **Bayfront Medical Center**

 Chairman, Special Services

 Chairman, Radiology

Director, Interventional Neuroradiology

 (Radiology, Pathology, Therapeutic Radiology)

 Saint Petersburg, FL 33701

6/2005-6/2006 **Bayfront Medical Center**

 Chairman, Radiology

Director, Interventional Neuroradiology

 Saint Petersburg, FL 33701

**University of Michigan Health System**

6/2003-6/2005 Director of Interventional Neuroradiology

 1500 E. Medical Center Blvd

 Ann Arbor, MI 48109

**EDUCATION**

8/1981-6/1985 Williamsville Central High School

 Williamsville, New York

8/1985-6/1989 **University of Michigan**

 Ann Arbor, Michigan

 Majors: Neurobiology and Classical Archaeology

8/1989-6/1994 **M.D.** **State University of New York at Buffalo**

 School of Medicine and Biomedical Sciences

 Buffalo, New York

8/1994-6/1996 **North Shore University Hospital**

 NYU School of Medicine

 Department of Surgery

8/1996-6/2000 **North Shore University Hospital**

 NYU School of Medicine

 Department of Radiology

8/2000-6/2001 **University of Virginia**

Department of Radiology

 Fellowship in Diagnostic Neuroradiology

8/2001-6/2003 **University of Virginia**

Department of Radiology

 Instructor, Interventional Neuroradiology

8/2011-6/2014  **Stetson University, College of Law**

 Juris Doctor

Gulfport, Florida

**LICENSURE**

2005 Florida Medicine and Surgery, license number 92656

2016 Michigan, Medicine and Surgery, license number 4301081063

2018 Illinois, Medicine and Surgery, license number 336146752

2019 Certified General Contractor, license number 1527897

**CERTIFICATION**

2000 The American Board of Radiology, certified May 2000

2002 The American Board of Radiology Certificate of Added Qualifications in Neuroradiology

2017 CAST Certification: The Society of Neurological Surgeons Committee on Advanced Subspecialty Training, Subspecialty Certification In NeuroEndovascular Surgery

**HONORS AND AWARDS**

1990 Medical Education Community Organization Award Stipend

1991 National Institute of Health Award Stipend

1990-1993 Honors Medical Student Research Program

1993 Region Winner for the American College of Surgeons Committee on Trauma Resident Paper Competition, 1993. Buffalo, N.Y.

2001-2002 RSNA Research and Education Foundation Research Fellowship."Biological Mechanisms of Healing in Coil-Embolized, Saccular Aneurysms: Advancement of Histologic Techniques in the Rabbit Aneurysm Model"

2002-2003 RSNA Research and Education Foundation Research Fellowship (2nd year)."Biological Mechanisms of Healing in Coil-Embolized, Saccular Aneurysms: Advancement of Histologic Techniques in the Rabbit Aneurysm Model."

2005 Winner. Annual Collaboration for Entrepreneurship, Ann Arbor,

 MI

**Patent**

 Device for the endovascular treatment of intracranial aneurysms

 United States Patent 20050267510

**BIBLIOGRAPHY**

**Publications**

Asada H, Ip NY, Pan L, **Razack N**, Parfitt M, Plunkett R. Time Course of Ciliary Neurotrophic Factor mRNA Expression is Coincident with the Presence of Protoplasmic Astrocytes in the Traumatized Rat Striatum. *Journal of Neuroscience Research*; 40(1):22-30, 1995.

Cloft HJ, **Razack N**, Kallames DF. Prevalence of cerebral aneurysms in patients with persistent primitive trigeminal artery. *J Neurosurgery;* 90(5):865-7, 1999.

Zack JR, **Razack N**, Burke B, Pellerito J. Applied Radiology Volume: 29 Number: 11 November 2000.

**Razack N**, Goldsiein J, Jensen MJ. Evaluation of the patient with epistaxis. Applied Radiology30(7): 18-21, 2001.

Phillips CD, Kaptain GJ, **Razack N**. Depiction of a Postoperative Pseudomeningocele with Digital Subtraction Myelography. AJNR Am J Neuroradiol. 2002 Feb;23(2):337-338.

**Razack N**,Thompson, GB. Treatment of Intracranial Aneurysms: Clipping or Coiling? Journal of Neuro-Ophthalmology. 24(1): 1-2, March 2004.

Kaufmann TJ, **Razack N**, Cloft HJ, Kallmes DF. Dimpled Appearance of a Posterior Communicating Artery Saccule: An Angiographic Indicator of Arterial Infundibula. *Am J Roentgenol* 185 (5) 1358-60, Nov 2005

Boulos PT, Kassel NF**, Razack N,** Sansur CA, Jensen ME, Dumont AS. Aneurysm-venous fistula formation following coil embolization of a basilar bifurcation aneurysm. Case illustration. *J Neurosurgery*  106 (3) March 2007.

**Razack N.** Case report: Treatment of post-traumatic carotid-cavernous fistulas using pipeline embolization device assistance. *J NeuroIntervent Surg* 2016; **8**:10 e40 Published Online First:

2 September 2015

**Reviewer**

Douglas S. Fenton, Leo F. Czervionke. *Image-Guided Spine Intervention.* Philadelphia: WB Saunders, 2003.

**Scientific / Clinical Presentations**

1. **Razack N**, Plunkett RJ. The Temporal Events Surrounding Astrocytic Activation in Response to Trauma. Presented at The American College of Surgeons Committee on Trauma Resident Paper Competition, December, 1993.

2. **Razack N**, Black K, Hyun J, Woldenberg R, Kalina P. Increased Risk of Neurologic Complications in Patients with Migraine During Cerebral Angiography. Presented at The Eastern Neuroradiological Society in Baltimore, Maryland, August 28-30, 1998.

3**. Razack N**, Black K, Warshall, C.E. Angiographic Visualization of the Posterior Communicating Artery: An Important Diagnostic Factor in Determining the Significance of Infundibular Widening. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

4. **Razack N**, Kallmes D, Marx W. Quantitative Assessment of Immunohistochemistry in Healing, Experimental Aneurysms. Presented at the American Society of Neuroradiology, 40th Annual Meeting, Vancouver BC. May 2002.

5. **Razack N**, Kallmes D, Marx W. Case Report: The Dimple Sign, an Angiographic Marker for Infundibulae. Presented at the American Society of Neuroradiology, 40th Annual Meeting, Vancouver BC. May 2002.

6. Gandhi D, Gemmete J, Nicol E, **Razack N**. Combined Therapy with Clopidogrel and Aspirin in Patients Undergoing Elective Coil Embolization of Intracranial Aneurysms. ASNR Toronto, May 2005.

7. Gandhi D, Lassig J, Ansari S, Nicol E, Gemmete J, **Razack N**, Thompson BG. Treatment of Complex, Wide-Necked and Fusiform Aneurysms and Parent Artery Reconstruction with Neuroform Stent Placement and Subsequent Coil Embolization. ASNR 2005, San Diego.

* Gandhi D, Nicol E, Gemmete J, **Razack N**. Spontaneous Thrombosis of Sidewall, Mid-

 Basilar Aneurysm After Stenting of Basilar Artery Across the Neck of the Aneurysm.

 ASNR 2006, San Diego.

9. **Razack N**. Endovascular Treatment of Intracranial Aneurysms and AVM's. Bayfront Medical Center. 01/23/06

10. **Razack N**. Clinical Neurosciences Case Conference. Bayfront Medical Center. 05/22/06

 11.  **Razack N**. The Role of the Interventional Neuroradiologist. Bayfront Medical Center. 11/09/06

12. **Razack N**. Intracranial Vascular Malformations. Bayfront Medical Center. 02/11/08

13. **Razack N**, Bozeman A. Onyx HD500 for the Treatment of Cerebral Aneurysms. Society of Neurointerventional Surgery (SNIS). 2008, Lake Tahoe.

14. **Razack N**, Bozeman A. Axium Coil Embolization. Society of Neurointerventional Surgery (SNIS). 2008, Lake Tahoe.

15. **Razack N**. Emerging Technologies Fair - OnyxHD500. Society of Neurointerventional Surgery (SNIS). 07/29/08

16. **Razack N**. Onyx Embolization of Intracranial Malformations. Bayfront Medical Center.

 01/07/09

 17. **Razack N.** The Fantastic Voyage: Current Concepts in Minimally Invasive

 Neurointervention. Bayfront Medical Center. 02/05/09

 18. **Razack N**. Vascular Malformations. Bayfront Medical Center. 05/06/09

 19. **Razack N**. Stroke. Rotary Club of Sarasota. 06/16/09

 20**. Razack N**. Temporary flow arrest for tracking and placing the compliant balloon catheter at the neck of a large or giant aneurysm: Technique and Initial results. Society of

 Neurointerventional Surgery (SNIS). 07/26/09

 21. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Bayfront Medical

 Center. 09/02/09

22. **Razack N**. Stroke. Guardian Association of Pinellas County. 09/19/09

23. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Bayfront Medical Center. 09/21/09

24. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. HCA Community

 Lecture. 09/24/09

 25. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Guardian Association of Pinellas County. 09/25/09

 26**. Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. St Pete Beach

 Community. 10/12/09

 27. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Rotary Club of Sarasota. 10/13/09

 28. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Rotary Club of Feather Sound. 10/13/09

29. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Sunken Gardens in St. Petersburg, FL. 10/14/09

 30. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Villas of Casa Celeste. 11/10/09

 31. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Raymond James in St Petersburg, FL. 12/10/09

32. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Raymond James in St Petersburg, FL. 020/3/10

33. **Razack N**. Stoke. Suncoast Emergency Medical Services. St. Petersburg. 02/04/10

34. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Northside Hospital Community Lecture. 03/04/10

35. **Razack N.** The Heart Brain Connection. American Heart Association. 03/04/10.

36. **Razack N.** Stroke and The Inflammation Brain Connection: Alzheimer's Disease. The Women’s Expo, St. Petersburg Coliseum. 03/06/10.

37. **Razack N.** Acute Stroke. Lakeland Regional Medical Center. 10/01/10.

38. **Razack N.** Stroke. St Petersburg College of Medicine. Largo Medical Conference. 10/14/10.

39. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Northside Hospital Community Lecture. 10/21/10

40. **Razack N.** The Inflammation Brain Connection: Alzheimer's Disease. Palms of Pasadena Physicians. 10/28/10.

41. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Saint Petersburg Community Lecture. 11/10/10.

42. **Razack N**. The Inflammation Brain Connection: Alzheimer's Disease. Northside Hospital Physicians. 11/11/10.

43. **Razack N.** Saint Petersburg, FL. Neurovascular Symposium. 12/04/10

44. **Razack N.** Neurointervention Program**.** Palms of Pasadena, Emergency Room Department. 01/18/11.

45. **Razack N.** Stroke. Palms of Pasadena. Community Lecture. 01/18/11.

46. **Razack N.** Stroke & Aneurysm. Northside Hospital. Community Lecture. 01/20/11.

47. **Razack N.** The Fantastic Voyage.Sarasota Suncoast Peri-Anesth Nurse Assoc. 3/12/11.

48. **Razack N.** Intracranial Aneurysms. Palms of Pasadena, Grand Rounds. 03/17/11.

49. **Razack N.** Alzheimer’s Disease. Northside Hospital. Community Lecture. 03/24/11.

50. **Razack N.** Stroke. Palms of Pasadena. Community Lecture. 04/19/11.

51. **Razack N.** Stroke. Palms of Pasadena. Nursing Education. 05/02/11.

52. **Razack N.** Stroke. St. Petersburg College. Nursing Students. 05/20/11.

53. **Razack N.** Stroke. Keynote Speaker Osceola Stroke Conference. 05/26/11.

54. **Razack N.** Alzheimer’s Disease. The Fountains. Community Lecture. 06/29/11.

55. **Razack N.** Alzheimer’s Disease. Allegro Retirement Center. Community Lecture. 7/20/11.

56. **Razack N.** Neurointervention Program. HCA West. 09/08/11.

57. **Razack N.** Aneurysm Lecture. Northside Hospital. 9-14-11.

58. **Razack N.** Nutrition. Good Day Tampa Bay, Fox News. 10/25/11.

59. **Razack N.**  Stroke Prevention. Northside Hospital Community Lecture. 10/07/11.

60. **Razack N.** AcuteStroke Intervention. Northside Hospital. 10/27/11.

61. **Razack N.** Stroke. St. Petersburg College. Medical Conference. 10/28/11.

62. **Razack N.** Intracranial Hemorrhagic Protocols-IHP. Northside Hospital. 12-5-11.

63. **Razack N.** Aneurysms.Northside Hospital. Community Lecture. 04/03/12.

64. **Razack N.** Stroke Devices. Northside Hospital. Community Lecture. 5-22-12.

65. **Razack N.** Stroke. Northside Hospital. Community Lecture. 5-24-12.

66. **Razack N.** Pipeline. Northside Hospital. 06/08/12.

67. **Razack N.** “Brain Food”. Northside Hospital. Community Lecture. 09/20/12.

68. **Razack N.** Acute Stroke Intervention.All Children’s Hospital. Assoc. of OR Nurses, Suncoast Chapter. 01/26/13

69. **Razack N.** Alzheimer’s Disease. Northside Hospital. Community Lecture. 2/22/13.

70. **Razack N.** “Brain Food”. Northside Hospital. Community Lecture. 04/11/13.

71. **Razack N.** Neurointervention Program. Northside Hospital. Community Lecture. 05/01/13.

72. **Razack N.** Neurovascular Anatomy.Galen College. Nursing Students. 07/23/13.

73. **Razack N.** Neurovascular Anatomy.Saint Petersburg College. Nursing Students. 09/18/13.

74. **Razack N.** Interventional Management of Stroke: Pyramid III.Holmes Regional Medical Center. HRMC Professional Staff. 10/21/13.

75. **Razack N.** Nutrition and Neuro Assessments.Saint Petersburg College. Nursing Students. 10/30/13.

76. **Razack N.** Stroke Prevention. Northside Hospital. Community Lecture. 11/06/13.

77. **Razack N.** Interventional Management of Stroke: Pyramid III.Holmes Regional Medical Center. HRMC Professional Staff. 11/22/13.

78. **Razack N.** Strokebusters Symposium Place: Holiday Inn Express and Suites Address: 2580 Gulf to Bay Blvd Clearwater, FL 1/11/2014

79. Razack N. (Fantastic Voyage) from 6-8PM. Location:River Rocks restaurant Address: 6485 U.S. 1, Rockledge, FL 32955 2/28/2014

80. **Razack N** Letcure for the ED staffon current indications for neurointerventional management of both acute and hemorrhagic CVA at Largo Medical- Address: 201 14th St SW Largo, FL 2/19/2014

81. **Razack N** Practical Clinical Neurology 2014: Updates and Management Straegies Conference @ The Westin Cape Coral Resort at Marina Village. Address: 5951 Silver King Blvd, Cape Coral, FL 33914 3/8/2014

82. **Razack N** Strokebusters Symposium Place: Holiday Inn Express and Suites Address: 2580 Gulf to Bay Blvd Clearwater, FL 3/15/2014

83. **Razack N** Neurointerventional Radiology Lecture @ Lee Memorial(Auditorium) Ft. Myers, FL

3/22/2014

84. **Razack N** Pyramid III: Interventional Management of Stroke Class- Location: Health first Center for learning (aka: Rivercrest)- Address: 3470 N. Harbor City Blvd, Melbourne, FL 32935

3/29/2014

85. **Razack N** Community lecture Titusville-On stroke: KNOW THE SIGNS @ Holiday Inn, Titusville 4715 Helen Hauser Blvd, Titusville, FL 5/17/2014

86. **Razack N** Community lecture on ANEURYSM: WHAT YOU NEED TO KNOW in the HRMC auditorium. 5/24/2014

87. **Razack N** HF NEURO SYMPOSIUM @ Hilton Melbourne Rial to Place. LOCATION: 200 Rial to place Melbourne, FL 5/31/2014

88. **Razack N** 2014 STROKE CONFERENCE-ASSESSMENT AND ACUTE CARE @ SPC. SPC Seminole campus library conference room 9200 113TH ST. N. SEMINOLE, FL 6/20/2014

89. **Razack** N CerebrovascularAnatomy, Gulf Coast Medical Center, Ft. Myers, FK 7/8/2014

90. **Razack N** Cerebrovascular Abnormalities, Gulf Coast Medical Center, Ft. Myers, FL 7/15/2014

91. **Razack N** CT scans and ASPECT Scoring System, Gulf Coast Medical Center, Ft. Myers, FL 7/22/2014

92. **Razack N** COMMUNITY INTRACRANIAL ANEURYSMS @ Gulf Coast Medical Center in the commuity. Ft. Myers, FL 7/26/2014

93. **Razack N** COMMUNITY STROKE @ Gulf Coast Medical Center in the Community. Ft. Myers, FL 8/2/2014

94. **Razack N** COMMUNITY FOOD AND THE BRAIN @ Gulf Coast Medical Center in the community. Ft. Myers, FL 8/9/2014

95. **Razack N** COMMUNITY ALZHEIMERS DISEASE@ Gulf Coast Medical Center in the community. Ft. Myers, FL 8/16/2014

96. **Razack N** Monthly Case Review, Gulf Coast Medical Center, Ft. Myers, FL 8/22/14

97. **Razack N** Anterior and Posterior Circulation, Gulf Coast Medical Center, Ft. Myers, FL 8/26/2014

98. **Razack N** CT scan interpretation, ABBBBC, Gulf Coast Medical Center, Ft. Myers, FL 9/2/2014

99. **Razack N COMMUNITY** FANTASTIC VOYAGE@ Gulf Coast Medical Center in the community.

Ft. Myers, FL 9/13/2014

100. **Razack N** COMMUNITY NORMAL AGING AND ALZHEIMERS, **Iberia** Bank, Cape Coral, FL 9/16/2014

101. **Razack N** STROKE Cape Coral Hospital, November 8, 2014

102. **Razack N** Food and Brain Cape Coral Hospital November 15, 2014

103. **Razack N** Fantastic Voyage Cape coral Hospital November 29, 2014

104. **Razack N** AneurysmsPelican Bay Naples, FL January 6, 2015

105. **Razack N** Stroke Pelican Bay Naples, FL January 27, 2015

106. **Razack, N** AMERICAN HEART ASSOCIATION SOUTHWEST HEART BALL Hyatt Regency Coconut Point Resort and Spa 5001 Coconut Road, BONITA SPRINGS, FL 34132

107. **Razack, N** "Food and the Brain" Gulf Coast Medical Center Administrative Conference room #2 “You are what you eat” 5/11/2015

108. **Razack,N** Breakfast in Red American Heart Association/ American Stroke Association @ Pelican Bay Community Center-Lecture on stroke prevention and stroke factors in women,
10/21/2015

109. **Razack,N** BIMDA Regional Medical Expo and CME Conference 2016 Hilton Melbourne Rialto place 200 Rialto place, Melbourne ,FL 32901 4/23/2016

110. **Razack N. “**Stroke Vocabulary: Hemorrhagic Stroke”. Gulf Coast Medical Center.

GCMC Professional Staff. 09/08/16.

111. **Razack N. “**Different Strokes for Different Folks”. Healthpark Medical Center.

 HPMC Professional Staff. 09/14/16.

112. **Razack N. “**Different Strokes for Different Folks”. Borgess Medical Center. Borgess Professional Staff. 09/20/16.

 113. **Razack N. Third Annual Strokebusters Stroke Seminar & Rapid Learning Workshop**. “Cerebrovascular Anatomy & Malformations”, “Ischemic Stroke”, Hemorrhagic Stroke”, “Requisite Imaging for Acute Stroke Intervention”, “Current AHA/ASA Guidelines for Acute Stroke Intervention”, “Stroke Prevention I”, “Stroke Prevention II”, “Stroke Workup-Can We Do Better”. Hilton Naples, Florida. 10/22/2016

114. **Razack N. West Coast Florida Stroke Council Meeting.** “VAN Score for Stroke Pre-Assessment”. Saint Joseph’s Hospital, Tampa, Florida. 11/01/16.

115. **Razack N**. Stroke Week. “Acute Ischemic Stroke” 11/07/16, “Hemorrhagic Stroke” 11/08/16.

116. **Razack N**. “Requisite Imaging: Acute Ischemic Stroke” 11/09/16, “Stroke Prevention I” 11/10/16.

117. **Razack N**. “Stroke Prevention II” 11/11/16. Gulf Coast Medical Center. GCMC Professional Staff.

118. **Razack N.** “Stroke Prevention I” Cape Coral Hospital. CCH Professional Staff. 11/08/16.

119. **Razack N.** “Stroke Prevention I & II”. Borgess Medical Center. Borgess Professional Staff. 11/16/16.

120. **Razack N. NCH Stroke Symposium**. “Imaging of Stroke Patients”. Naples Community Hospital, Naples, Florida. 11/29/16.

121. **Razack N.** “Stroke Prevention II”. Cape Coral Hospital. CCH Professional Staff. 12/01/16

.

122. **Razack N.** “Case Review”. Gulf Coast Medical Center. GCMC Professional Staff. 2/23/17.

123. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 3/17/17.

124. **Razack N.** “Case Review”. Gulf Coast Medical Center. GCMC Professional Staff. 3/23/17.

125. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 4/17/17.

126. **Razack N. 2017 Florida Stroke Symposium.** “Vertebral Basilar Disease: Acute Recognition and Management”. Hilton Fort Lauderdale Marina, Fort Lauderdale, Florida. 5/5/17.

127.  **Razack N.** **West Coast Florida Stroke Council Meeting.** “Stroke Overview”. Northside Hospital and Heart Institute, Saint Petersburg, Florida. 5/10/17.

128. **Razack N.** “Eating for Good Brain Health”. Older Americans’ Month Luncheon Celebration. Cape Coral Hospital, Cape Coral, Florida. 5/17/17.

129. **Razack N.**  “Case Review”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 5/30/17.

130. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 07/20/17.

131. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 08/22/17

132. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 09/27/17

 133. **Razack N**. “Stroke Update”.Cape Coral Hospital, Cape Coral Hospital Administrative Conference room, professional staff. 11/3/2017

 134. **Razack N.** “Stroke Prevention Part 1” Healthy Life Center, 23190 Fashion Drive, Estero, FL

 11/6/2017

 135. **Razack N.** “Stroke Prevention Part 2” Healthy Life Center, 23190 Fashion Drive, Estero, FL

 11/7/2017

 136. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 11/27/17.

 137. **Razack N.** “Stroke Prevention” Pine Lakes Health Fair, 10200 Pine Lakes Blvd, Fort Myers, FL. 1/9/2018

 138. **Razack N.** “Case Study Lecture”. Gulf Coast Medical Center. GCMC Therapy and Professional Staff. 1/15/18.

 139. **Razack N.** “Eating For Good Brain Health”, Bonita Springs YMCA, 2720 Kent Road, Bonita Springs, FL. 1/16/2018.

 140. **Razack N.** “Stroke and Alzheimer’s” Physician’s Regional Pine Ridge, 6101 Pine Ridge Road, Naples, FL 1/18/2018.

141 **Razack N.** “Case Review”. Gulf Coast Medical Center. GCMC Professional Staff. 2/26/18.

142. **Razack N.** “Stroke and Alzheimer’s Part 2” Physician’s Regional Pine Ridge, 6101 Pine Ridge Road. Naples, FL 3/15/2018.

143. **Razack N. “**WellnessRetreat Lecture**”** Pink Shell Beach Resort & Marina, 275 Estero Blvd, Fort Myers, FL. 5/16/18.

144. **Razack N.** “Stroke Review” Gulf Coast Medical Center. GCMC Therapy Staff. 5/28/18.

145. **Razack N.** “Stroke Review” Gulf Coast Medical Center. GCMC Staff. 6/18/18.

146. **Razack N.** “Stroke Education” Gulf Coast Medical Center. GCMC Therapy Staff. 6/125/18.

147. **Razack N.** “Stroke and Alzheimer’s Prevention” Gulf Coast Village, 1333 Santa Barbara Blvd, Cape Coral, FL. 7/18/18

147. **Razack N.** “Lee Inservice” Lee Memorial Hospital. Lee Speech Therapists. 8/16/18

148. **Razack N.** “Stroke Lecture” Gulf Coast Village, 1333 Santa Barbara Blvd, Cape Coral, FL 8/16/18

149. **Razack N.** “Stroke Lecture Series #1” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 1/4/19

150. **Razack N.** “Eating for Good Brain Health with Smoothie Demo” Healthy Life Center Coconut Point, 23450 Via Coconut Point, Estero, FL. 1/9/19

151. **Razack N.** “Neurointervention For Acute Stroke” Blake Medical Center, 2020 59th St. West Bradenton, FL. 1/10/19

152. **Razack N.** “Prehospital Stroke Evaluation Series #2” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 2/1/19

153. **Razack N.** “Stroke Education/Lecture” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 3/1/19

154. **Razack N.** “Lecture-NIA Presentation” Premier Physicians Group, 5621 Strand Blvd, Naples, FL. 3/21/19

155. **Razack N.** “Journal Book Club” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 3/22/19

156. **Razack N.** “PR Lecture Series #3” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 3/29/19

157. **Razack N.** “Stroke Signs and Symptoms-MANGO” Physicians Regional Medical Center, 8300 Collier Blvd, Naples, FL. 4/3/19

158. **Razack N.** “PR Acute Stroke Series” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 4/4/19

159. **Razack N.** “PR Lecture Series #4” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 4/5/19

160. **Razack N.** “Pre-Hospital Stroke Evaluation- Day 1” Charlotte County EMS, 26571 Airport Road, Punta Gorda, FL. 4/18/19

161. **Razack N.** “Pre-Hospital Stroke Evaluation- Day 2” Charlotte County EMS, 26571 Airport Road, Punta Gorda, FL. 4/19/19

162. **Razack N.** “PR Bookclub” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 4/25/19

163. **Razack N.** “Collier Breakfast-Learn” Physicians Regional Medical Center, 8300 Collier Blvd, Naples, FL. 5/1/19

164. **Razack N.** “PR Lunch-Learn” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 5/2/19

165. **Razack N.** “Neurointervention Lecture” Millennium Group Physicians, 1735 SW Health Pkwy, Naples, FL. 5/2/19

166. **Razack N.** “PR Lecture Series #5” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 5/3/19

167. **Razack N.** “Bayfront Neurovascular Anatomy Lecture” Donato’s Italian Restaurant, 1900 Tamiami Trail, Port Charlotte, FL. 5/13/19

168. **Razack N.** “Bayfront Neurovascular Anatomy Lecture” Donato’s Italian Restaurant, 1900 Tamiami Trail, Port Charlotte, FL. 5/13/19

169. **Razack N.** “Prehospital Stroke Evaluation” North Port Fire Rescue, 4980 City Center Blvd, North Port, FL. 6/3/19

170. **Razack N.** “PR Lecture Series #6” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 6/7/19

172. **Razack N.** “PR Lecture Series” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 8/2/19

173. **Razack N.** “Radio Show” 1580 AM, 24100 Tiseo Blvd, Port Charlotte, FL. 8/15/19

174. **Razack N.** “Stroke Prevention Community Lecture” Punta Gorda Isles Civic Assoc Lunch Lecture, Punta Gorda, FL. 8/20/19

175. **Razack N.** “PR Lecture Series #7” Physicians Regional Medical Center, 6101 Pine Ridge Road, Naples, FL. 9/6/19

176. **Razack N.** “PR Lecture Series #8” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 10/4/19

177. **Razack N.** “Stroke and Alzheimer’s Disease Prevention Community Lunch -Learn”

 Bayfront Medical Office, 713 E Marion Ave, Punta Gorda, FL. 10/12/19

178. **Razack N.** “Charlotte County EMS Inservice-Lecture” 26571 Airport Rd, Punta Gorda,

 FL. 10/31/19

179. **Razack N.** “PR Lecture Series #9” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 11/1/19

180. **Razack N.** “Prehospital Stroke Evaluation” Mission Hospital, 509 Biltmore Ave,

 Asheville, NC 11/20/19

181. **Razack N.** “PR Lecture Series #10” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 12/6/19

182. **Razack N.** “MANGO Lecture” Venice Fire Department, 5300 Laurel Road East, Punta Gorda, FL. 12/20/19

183. **Razack N.** “PR Lecture Series #16” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 1/3/20

184. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/6/20

185. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/7/20

186. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/8/20

187. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/9/20

188. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/13/20

189. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/14/20

190. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/15/20

200. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/21/20

201. **Razack N.** “EMS MANGO Training Lecture” Collier County EMS, 8075 Lely Cultural

 Pkwy, Naples, Fl. 1/22/20

202. **Razack N.** “Charlotte County Fire/EMS Inservice-Lecture” 26571 Airport Rd, Punta

 Gorda, Fl. 1/31/19

203 **Razack N.** “PR Lecture Series #17” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 2/7/20

203. **Razack N.** “PC Stroke Support Group Lecture” 713 East Marion Ave, Punta Gorda, Fl.

 2/11/20

204. **Razack N.** “PR Lecture Series #18” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 3/6/20

205. **Razack N.** “Brookdale Lecture-Stroke and Alzheimer’s ” Naples Community Hospital,

 350 7th St N, Naples, FL 3/11/20

206. **Razack N.** “Stroke Signs/Symptoms & Prevention ” Channel 8 news, with Encompass

 Heath via skype, 6/22/20

207. **Razack N.** “Stroke Made Simple” Naples Community Hospital, 350 7th St N,

 Naples, Fl, 6/26/20

208. **Razack N.** “ Stroke Made Simple Case Reviews” Physicians Regional Medical Center,

 6101 Pine Ridge Road, Naples, FL. 7/7/20

209: **Razack N.** “Pre Hospital Stroke Assessment” Naples Community Hospital, 350 7th St N,

 Naples, Fl. 7/31/20

210. **Razack N.** “Case Reviews” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 8/7/20

211. **Razack N.** “Case Reviews” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 8/25/20

212. **Razack N.** “Case Reviews” Naples Community Hospital, 350 7th St N, Naples, FL. 10/2/20

213. **Razack N.** “Lecture-New ICU Nurses” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 10/13/20

214. **Razack N.** “PR Lecture Series 19 ” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 11/6/20

215. **Razack N.** “PR ICU ” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 12/27/20

216. **Razack N.** “PR Lecture Series 25 ” Physicians Regional Medical Center, 6101 Pine

 Ridge Road, Naples, FL. 2/5/21

217. **Razack N.** “Stroke MANGO presentation” Collier County EMS 8075 Lely Cultural Parkway Suite: #267 Naples, FL 34113 6/22/2021

218. **Razack N.** “Stroke MANGO Lecture” Radiology staff Physician’s Regional, 6101 Pine

 Ridge Road, Naples, FL. 7/2/2021

219. **Razack N.** “The meaning of MANGO” Radiology staff Physician’s Regional, 6101 Pine

 Ridge Road, Naples, FL. 8/6/2021

220. “The meaning of MANGO” Radiology staff Physician’s Regional, 6101 Pine

 Ridge Road, Naples, FL. 9/3/2021

221. “The meaning of MANGO” Radiology staff Physician’s Regional, 6101 Pine

 Ridge Road, Naples, FL. 11/5/2021

**Scientific Exhibits**

1. **Research Fellowship. Biomechanical Testing of Lumbar Pedicle Fixation Implants. Dept. of Neurological Surgery, State University of New York at Buffalo, School of Medicine, Laboratory of Gregory J. Bennett, M.D.** Research exhibited at The State University of New York at Buffalo Research Forum, School of Medicine and Biomedical Sciences, December 1990, Buffalo, New York.

2. **Research Fellowship. “Astrocytic Proliferation in Response to Tissue Trauma.” Dept. of Neurological Surgery, State University of New York at Buffalo, School of Medicine, Laboratory of Cellular Implantation and Regeneration.** Research exhibited at The State University of New York at Buffalo Research Forum, School of Medicine and Biomedical Sciences, December 1991, Buffalo, New York.

3. **Research Fellowship. “The Temporal Events Surrounding Astrocytic Activation in Response to Trauma.”** **Dept. of Neurological Surgery, State University of New York at Buffalo, School of Medicine, Laboratory of Cellular Implantation and Regeneration.** Research exhibited at The State University of New York at Buffalo Research Forum, School of Medicine and Biomedical Sciences, December 1992, Buffalo, New York.

4. **Research Clerkship in Neurological Surgery. Dept. of Neurological Surgery, State University of New York at Buffalo, School of Medicine, Laboratory of Cellular Implantation and Regeneration.** “The Temporal Events Surrounding Astrocytic Activation in Response to Trauma.” Presented at The American College of Surgeons Committee on Trauma Resident Paper Competition, December, 1993.

5. **Razack N,** Black K, Woldenberg R, Kalina P. Atrial Myxoma: Neuroradiologic Presentation and Review of the Literature. The American Society of Emergency Radiology. Eight Annual Scientific Program, New Orleans. March 19-23.

6. **Razack N.**, Black K., Hyun, J., Holz A., Farmer P., Cordero, S. Tracey K. A Novel Model for Testing New Embolic Agents. Exhibited at the American Society of and Therapeutic Neuroradiology/ World Federation of Interventional and Therapeutic Neuroradiology. Scientific Conference, New York. September 13-16.

7. **Razack N,** Black K, Hyun J, Woldenberg R, Kalina P. Cervical Trauma. A Computer Assisted Exhibit. Presented at the American Society of Emergency Radiology, Ninth Annual Scientific Program for presentation. St. Petersburg. April, 1998.

8. **Razack N.** “Carotid-Cavernous Fistula.” Exhibited at The Long Island Society of Radiology. March, 1998.

9. **Razack N,** Black K, Hyun J, Woldenberg R, Kalina P. Neurologic Complications of Cerebral Angiography During the Evaluation of Intracranial Aneurysms. Symposium Neuroradiologicum XVI. Philadelphia. May 15-17.

10. **Razack N,** Black K, Hyun J, Woldenberg R, Kalina P. Neurologic Complications of Cerebral Angiography During the Evaluation of Intracranial Aneurysms. Exhibited at The American Society of Neuroradiology, 36th Annual Meeting, Philadelphia. May 17-21.

11.Gupta M, **Razack N,** Miller T, Schultz E, Black K, Hyun J. Multimodality evaluation of Wrist Trauma: A Computer-Based Teaching File. Accepted for exhibition at The Radiological Society Of North America, 84th Scientific Assembly and Annual Meeting. November 29-December 4, 1998. Chicago, Illinois.

12. **Razack N,** Gupta M,Miller T, Schultz E, Black K, Hyun J. Multimodality Evaluation of Ankle Trauma: A Computer-Based Teaching File. Accepted for exhibition at The Radiological Society Of North America, 84th Scientific Assembly and Annual Meeting. November 29-December 4, 1998. Chicago, Illinois.

13. **Razack N,** Sanelli P, Warshawsky R, Black K, Hyun J. The Many Faces of Appendicitis: A Computer-Based Teaching File. Accepted for exhibition at The Radiological Society Of North America, 84th Scientific Assembly and Annual Meeting. November 29-December 4, 1998. Chicago, Illinois.

14. **Razack N,** Hyun J, Miller D, Black K, Woldenberg R, Kalina P. Neurovascular Abnormalities: A Computer-Based Teaching File. Accepted for exhibition at The Radiological Society Of North America, 84th Scientific Assembly and Annual Meeting. November 29-December 4, 1998. Chicago, Illinois.

15. **Razack N,** Black K, Warshall, C.E., Kahn S. A Three-Dimensional Model of Cerebral Vascular Anatomy. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

16. **Razack N,** Black K, Kahn S, Hyun J, Warshall, C.E. The Art of Myelography: A Computer-Based Teaching File. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

17. **Razack N,** Black K, Kahn S, Hyun J, Warshall, C.E. The Aunt Minnies of Neuroradiology: A Computer-Based Teaching File. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

18. **Razack N,** Black K, Kahn S, Hyun J, Warshall, C.E. Cerebral Vascular Anatomy: A Computer-Based Interactive Atlas. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

19. **Razack N,** Black K, Kahn S, Hyun J, Warshall, C.E. Magnetic Resonance Appearance of Leptomeningeal Disease: A Computer-Based Teaching File. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

20. **Razack N,** Black K, Kahn S, Hyun J, Warshall, C.E. Temporal Bone Anatomy: A Computer-Based Interactive Atlas. Presented at The American Society of Neuroradiology, 37th Annual Meeting, San Diego. May 23-28, 1999.

21. **Razack N,** Black K, Warshall, C.E., Kahn S. Case report: the dimple sign and angiographic marker for infundibulae

**Undergraduate Research**

 **Research Clerkship in the Dept. of Neurosciences, University of Michigan, Ann Arbor, Michigan, Laboratory of Kent C. Berridge, Ph.D.**

 **Research Clerkship in the Dept. of Neurosciences, University of Michigan, Ann Arbor, Michigan, Laboratory of Kent C. Berridge, Ph.D.**

**Published Works**

 **Razack, N:** Stroke Made Simple, Saint Petersburg, Raztec Publishing Inc., 2018

**Original Art**

 **Razack, N:** Gray Matter. Exhibited at Symposium Neuroradiologicum XVI. Philadelphia. May 15-17, The American Society of Neuroradiology, 36th Annual Meeting, Philadelphia. May 17-21.

**Company Affiliations:**

Covidien - Consultant

**Professional Organization**

Society of Neurointerventional Surgery

American Bar Association