

**CURRICULUM VITAE**

**DATE:** December 2020

**NAME:** Sudipta Roychowdhury, M.D.

**PRESENT TITLE:** Clinical Professor of Radiology  
Clinical Professor of Neurosurgery  
Clinical Professor of Neurology  
Rutgers – Robert Wood Johnson Medical School

**OFFICE ADDRESS:** University Radiology Group, PC  
579 A Cranbury Road  
East Brunswick, New Jersey 08816

**TELEPHONE NUMBER:** 732-390-0030

**E-MAIL ADDRESS:** sroychowdhury@univrad.com

**CITIZENSHIP:** USA

**EDUCATION:**

**A. Undergraduate**

Northwestern University  
Evanston, IL  
B.S. in Biomedical Engineering June 1989

**B. Graduate**

Northwestern University Medical School  
Chicago, IL  
M.D. June 1992

**POSTGRADUATE TRAINING:**

**A. Internship and Residency**

Saint Joseph Hospital  
Chicago, IL  
Internal Medicine  
July 1992 – June 1993

Northwestern University  
Chicago, IL

Diagnostic Radiology Residency

July 1993 – June 1997

**B. Fellowship**

University of Pennsylvania

Hospital of the University of Pennsylvania

Children’s Hospital of Philadelphia

Diagnostic and Interventional Neuroradiology Fellowship

July 1997 – June 1999

**MILITARY:** N/A

**ACADEMIC APPOINTMENTS:**

Department of Radiology

Rutgers-Robert Wood Johnson Medical School

Clinical Professor of Radiology

July 2020 – present

Department of Neurology

Rutgers-Robert Wood Johnson Medical School

Clinical Professor of Neurology

July 2020 – present

Department of Neurosurgery

Rutgers-Robert Wood Johnson Medical School

Clinical Professor of Neurosurgery

July 2020 – present

Department of Radiology

Rutgers-Robert Wood Johnson Medical School

Clinical Associate Professor of Radiology

July 2014 – June 2020

Department of Neurology

Rutgers-Robert Wood Johnson Medical School  
Clinical Associate Professor of Neurology  
July 2018 – June 2020

Department of Neurosurgery  
Rutgers-Robert Wood Johnson Medical School  
Clinical Associate Professor of Neurosurgery  
November 2019 – June 2020

Department of Radiology  
UMDNJ-Robert Wood Johnson Medical School  
Clinical Assistant Professor of Radiology  
July 1999 – June 2014

**HOSPITAL APPOINTMENTS:**

Department of Radiology  
Robert Wood Johnson University Hospital  
One Robert Wood Johnson Place  
New Brunswick, NJ 08903  
Attending Radiologist: Neuroradiologist  
July 1999 – present

Department of Radiology  
Robert Wood Johnson University Hospital - Somerset  
110 Rehill Avenue  
Somerville, NJ 08876  
Attending Radiologist: Neuroradiologist  
September 2017 – present

Department of Radiology  
St. Peter's University Hospital  
254 Easton Avenue  
New Brunswick, NJ 08903  
Attending Radiologist: Neuroradiologist  
July 1999 – January 2012, July 2013 - present

Department of Radiology  
Jersey City Medical Center  
355 Grand Street  
Jersey City, NJ 07302  
Attending Radiologist: Neuroradiologist  
July 2011 – present

Department of Radiology  
Trinitas Regional Medical Center  
225 Williams on Street  
Elizabeth, NJ 07202  
Attending Radiologist: Neuroradiologist  
July 2008 – present

Department of Radiology  
Raritan Bay Medical Center  
530 New Brunswick Avenue  
Perth Amboy, NJ 08861  
Attending Radiologist: Neuroradiologist  
July 1999 – present

**OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:**

N/A

**PRIVATE PRACTICE**

University Radiology Group, P.C.  
579A Cranbury Road  
East Brunswick, NJ 08816  
July 1999 - present

**LICENSURE:**

M.D. / New Jersey 25MA0689200/ Expiration 12/31/2020

**DRUG LICENSURE:**

CDS:

DEA: BR4843531/Expiration 12/31/2020

**CERTIFICATION:**

National Board of Medical Examiners

July 1993

Diagnostic Radiology

American Board of Radiology

June 1997 - Current

Certificate of Added Qualification

Neuroradiology

American Board of Radiology

June 1999 – Current

Maintenance of Certification of Added Qualification

Neuroradiology

American Board of Radiology

May 2009 – Current

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

Society of Neuro-Interventional Surgery (SNIS) 2003 – present

American Society of Neuroradiology (ASNR), Senior Member 1999 - present

American Medical Association (AMA) 1997 - present

Radiological Society of North America (RSNA) 1997 - present

American College of Radiology (ACR) 1999 -present

Medical Society of New Jersey 1999 - present

Radiological Society of New Jersey 1999 - present

**HONORS AND AWARDS:**

Honors Program in Medical Education – Northwestern University 1985-1992

B.S. with Highest Distinction – Northwestern University 1989

Alpha Omega Alpha – Northwestern University Medical School 1992

Chief Resident in Radiology - Northwestern University 1996

Best Paper Award for Head and Neck Radiology – ASNR 1998

Volunteer Faculty Award Rutgers Robert Wood Johnson Medical School 2015

Inaugural Robert Wood Johnson University Hospital - RWJ Barnabas Health  
Clinician of the Month Award for January 2019

Castle Connolly Top Doctor Award New York Metro Area 2007

Castle Connolly Top Doctor Award New York Metro Area 2008

Castle Connolly Top Doctor Award New York Metro Area 2009

Castle Connolly Top Doctor Award New York Metro Area 2010

Castle Connolly Top Doctor Award New York Metro Area 2011

Castle Connolly Top Doctor Award New York Metro Area 2012

Castle Connolly Top Doctor Award New York Metro Area 2013

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Castle Connolly Top Doctor Award New York Metro Area 2018

Castle Connolly Top Doctor Award New York Metro Area 2019

Castle Connolly Top Doctor Award New York Metro Area 2020

New York Magazine Top Doctor Award 2007

New York Magazine Top Doctor Award 2008

New York Magazine Top Doctor Award 2009

New York Magazine Top Doctor Award 2014

New York Magazine Top Doctor Award 2016

New York Magazine Top Doctor Award 2017

New York Magazine Top Doctor Award 2018

New York Magazine Top Doctor Award 2019

NJ.com Top Doctor 2009

Jersey's Best Magazine Top Doctor 2009

Jersey's Best Magazine Top Doctor 2010

Jersey's Best Magazine Top Doctor 2011

Jersey's Best Magazine Top Doctor 2012

Jersey's Best Magazine Top Doctor 2013

Jersey's Best Magazine Top Doctor 2014

Jersey's Best Magazine Top Doctor 2015

Jersey's Best Magazine Top Doctor 2016

Jersey's Best Magazine Top Doctor 2017

Jersey's Best Magazine Top Doctor 2018

Jersey's Best Magazine Top Doctor 2019

Jersey's Best Magazine Top Doctor for Children 2012

Jersey's Best Magazine Top Doctor for Children 2013

Jersey's Best Magazine Top Doctor for Children 2014

Jersey's Best Magazine Top Doctor for Children 2015

Jersey's Best Magazine Top Doctor for Children 2016

Jersey's Best Magazine Top Doctor for Children 2018

New Jersey Monthly Top Doctors 2016

New Jersey Monthly Top Doctors 2017

New Jersey Monthly Top Doctors 2019

New Jersey Monthly Top Doctors 2020

Jersey Choice Top Doctor Award 2016

**BOARDS OF DIRECTORS/TRUSTEES POSITIONS:**

Board of Directors, University Radiology Group, PC 2004–2010

Secretary, University Radiology Group, PC 2006–2007

Partner, University Radiology Group, PC 2002-present

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

N/A

**SERVICE ON MAJOR COMMITTEES:**

American Society of Neuroradiology Annual Meeting abstract reviewer 2006–present

Journal of Neuro-Interventional Surgery abstract reviewer 2013–present

Co-Chairman University Radiology Group Manpower Committee – 2004-2007

**SERVICE ON GRADUATE SCHOOL COMMITTEES:**

Member Volunteer Faculty Committee Robert Wood Johnson Medical School 2006-present

**SERVICE ON HOSPITAL COMMITTEES:**

Member Stroke Steering Committee, Robert Wood Johnson University Hospital 2005-present

Chairman Neuro-Endovascular Quality-Assurance Committee 2012 – present

New Jersey Brain Aneurysm and AVM Program 2012 – present

Vascular Anomalies and Malformations Program (VAMP) 2015 – present

Co-Director Neurological Disorders in Pregnancy 2016– present

Robert Wood Johnson University Hospital Medical Executive Committee Member-At-Large  
Position 2021-2023 Term

**SERVICE TO THE COMMUNITY:**

Board of Health member for Cranbury NJ – 2011-2019 (Vice Chairman 2015-2016)

Cub Scouts of America Pack 52 – Pack Leadership Committee Secretary 2009-2013

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE: N/A**

**SPONSORSHIP OF POSTDOCTORAL FELLOWS:**

**Endovascular Neurosurgery Fellows Trained:**

1. Mohammed El-Ghanem, MD- Currently Neurointerventional Surgeon- University of Arizona, Tucson, AZ

**TEACHING RESPONSIBILITIES:**

**A. Lectures – Neuroradiology Faculty for Diagnostic Radiology Residents for RWJMS (1999 to present):**

Endovascular Treatment of Stroke (1 hour)

Endovascular Treatment of Brain Aneurysms (1 hour)

Functional MRI of the Brain (1 hour)

Diffusion Tensor Imaging of the Brain (1 hour)

Brain and Neck MRA (1 hour)

Brain and Neck CTA (1 hour)

Magnetic Resonance Spectroscopy (1 hour)

Spine Interventions (1 hour)

MRI and CT of the Spine (1 hour)

Spinal Trauma Imaging (1 hour)

Brain Trauma Imaging (1 hour)

Intracranial Angioplasty and Stenting (1 hour)

Carotid Angioplasty and Stenting (1 hour)

Brain Anatomy (1 hour)

Spine Anatomy (1 hour)

Head and Neck Anatomy (1 hour)

Neurovascular Anatomy (1 hour)

Head and Neck Tumors (1 hour)

Child Abuse Imaging and Medicolegal Issues (1 hour)

Special Course on Medicolegal and Malpractice Issues in Radiology (2 hours)

#### **CLINICAL RESPONSIBILITIES:**

**Director of Interventional Neuroradiology**, Robert Wood Johnson University Hospital 2012-present

**Director of Magnetic Resonance Imaging**, Robert Wood Johnson University Hospital 2005-present

**Attending Diagnostic and Interventional Neuroradiologist**  
University Radiology Group, PC 1999-present

#### **GRANT SUPPORT**

1. Philanthropic gift to Dr. Gaurav Gupta / Dr. Sudipta Roychowdhury - \$1,200,000- Connie and James Hughes Center for brain aneurysm research- via Rutgers foundation Dec 17, 2020
2. Philanthropic gift to Dr. Gaurav Gupta / Dr. Sudipta Roychowdhury - \$50,000- Connie and James Hughes- via Rutgers foundation- May 14, 2019
3. Philanthropic gift to Dr. Gaurav Gupta / Dr. Sudipta Roychowdhury - \$750,000 part -1- Richard Nolan and Lin Cresi Trust via Rutgers foundation- Dec 2019
4. Philanthropic gift to Dr. Gaurav Gupta / Dr. Sudipta Roychowdhury - \$750,000 part -2- Richard Nolan and Lin Cresi Trust via Rutgers foundation- Dec 2019

#### **RESEARCH IRBs:**

1. WEA VE™ Trial: Wingspan® Stent System Post Market Surveillance Study: - Sponsored by Stryker Inc. A Food and Drug Administration (FDA) mandated prospective, single-arm, consecutive enrollment, post market surveillance study- Site P.I Gaurav Gupta, MD Co-P.I **Sudipta Roychowdhury, MD**
2. Combined Interventional Approach of Pelvic and Sacral Tumors: Review of Patient Cohort Treatment Course Following Angiographic Embolization, Thermal/Radiofrequency Ablation, Cavity Sclerosis and Sacroplasty; P.I. John Nosher, MD Co- P.I. Gaurav Gupta, MD, **Sudipta Roychowdhury, MD**, Sri Hari Sunderajan, MD 2013 Protocol# 2013003434
3. Neuroform Stent for wide neck brain aneurysm. P.I. Gaurav Gupta, MD; Co-Investigators **Sudipta Roychowdhury, MD** Irwin Keller, MD Steven Schonfeld, MD protocol Pro 2013002914

4. Wingspan intracranial stent for intracranial atherosclerotic disease: P.I. Gaurav Gupta, MD; Co-Investigators **Sudipta Roychowdhury, MD** Irwin Keller, MD James McKinney, MD. Protocol #2013002939
5. Enterprise for stent assisted coiling of brain aneurysms. P.I Gaurav Gupta, MD; Co-Investigators **Sudipta Roychowdhury, MD** Irwin Keller, MD Steven Schonfeld, MD protocol # 2013002706
6. Selecting for Cetuximab Responders in Advanced Head and Neck SCC. P.I. Sung Kim; Co-Investigator **Sudipta Roychowdhury** Protocol#2013003184
7. Endovascular Management of Maxillofacial Pseudoaneurysms. John Noshier, **S. Roychowdhury**, Gaurav Gupta, Sarah Pettyjohn, Irwin Keller Protocol# 20160000210
8. Determining the Efficacy of Treatment Methods Currently Employed to Treat Intracranial Vertebral Artery Dissection. J Noshier, **S Roychowdhury**, G Gupta, D Eckstein, S Sozio, S Schonfeld, I Keller, A Depalma, Protocol # 20160001115
9. Endovascular Management of Maxillofacial Pseudoaneurysms. J Noshier, **S Roychowdhury**, G Gupta, S Pettyjohn Protocol#20160000210
10. Neurodevelopment of the High Risk Infant. T He gyi, **S Roychowdhury**, B Zimmerman-Bier, A Pestani. Protocol# 20170000210
11. Edge Trial. G Gupta, **S Roychowdhury**, D Mehta, S Coyle. Protocol 20160001437
12. LVIS HUD. G Gupta, **S Roychowdhury**, S Coyle. Protocol 20160001463
13. Does lactate clearance to normal or 10% correlate with outcome in patients post cardiac arrest receiving therapeutic hypothermia? J Mccoy, **S Roychowdhury**, et al. Protocol 201300322
14. Primary solitary leptomeningeal glioma (PSLG) treated with Vemurafenib. L Rodriguez. **S Roychowdhury**, M Song. Protocol 2013003522

## PUBLICATIONS:

### A. Refereed Original Article in Journal

1. Kim SE, Norfray J, Heiser WJ, Foran J, **Roychowdhury S**: Sonographically Guided Intravascular Biopsy of an Intraluminal Mass in the Inferior Vena Cava. *Journal of Ultrasound in Medicine* 13: 405-407, 1994
2. Prager, JM, **Roychowdhury S**, Gorey MT, Lowe G, Ankenbrandt W, Ragin A.: Bevel Versus Pencil-Point Needles for Myelography, In: Takahashi M, Korogi Y, Mosely I, eds. *Proceedings of the XV Symposium Neuroradiologicum*. Berlin: Springer Verlag, 1995: 348-349. (Supplement to *Neuroradiology* Volume 37, 1995
3. Meyer JR, **Roychowdhury S**, Russell EJ, Callahan CM, Gitelman D, Mesulam MM: Location of the Central Sulcus via Cortical Thickness of the Precentral and Postcentral Gyri on MR. *American Journal of Neuroradiology* 17: 1699-1706, October 1996
4. Prager JM, **Roychowdhury S**, Gorey MT, Lowe G, Diamond CK: Post-Myelogram Spinal Headache and Needle Type. *American Journal of Roentgenology* 167: 1289-1292, 1996
5. **Roychowdhury S**, Fitzgerald SW, Sonin AH, Miller FH, Hoff FL: Using MRI to Diagnose Partial Tears of the Anterior Cruciate Ligament: Value of Axial Images, *American Journal of Roentgenology* 168: 1487-1491, June 1997

6. Meyer, JR, **Roychowdhury S**, Cybulski G, Russell EJ: Solitary Intramedullary Plasmacytoma of the Skull Base Mimicking Meningioma. *Skull Base Surgery* 7;2: 101-105, 1997
7. Rabin BM, **Roychowdhury S**, Meyer JR, Cohen BA, LaPat KD, Russell EJ: Spontaneous Intracranial Hypotension: Spinal Imaging Findings, *American Journal of Neuroradiology* 19: 1034-1039, June 1998
8. **Roychowdhury S**, Maldjian JA, Galetta SL, Grossman RI: Postanoxic Encephalopathy: Diffusion MR Findings, *Journal of Computer Assisted Tomography* 22 (6): 992-994, 1998
9. **Roychowdhury S**, Maldjian JA, Grossman RI: Multiple Sclerosis: Comparison of Trace Apparent Diffusion Coefficient With MR Enhancement Pattern of Lesions, *American Journal of Neuroradiology* 21: 869-874, May 2000
10. **Roychowdhury S**, Yousem DM, Loevner LA, Chalian A, Montone KT: MR Imaging for Predicting Neoplastic Invasion of the Cervical Esophagus, *American Journal of Neuroradiology* 21(9):1681-7, October 2000
11. Zimmerman J, **Roychowdhury S**, Demarco JK, Shepard S, Schonfeld S, Keller I, Schlesinger S: Endovascular Treatment of a Ruptured Giant Serpentine Aneurysm of the Superior Cerebellar Artery in a Patient With a Chiari II Malformation. *Am J Neuroradiol.*;25(6):1077-9 2004
12. Prasad R, Michaels L, **Roychowdhury S**, Craig V, Sorrell A, Schonfeld S: Combined Venous Sinus Angioplasty and Low-Dose Thrombolytic Therapy for Treatment of Hemorrhagic Transverse Sinus Thrombosis in a Pediatric Patient, *Journal of Pediatric Hematology/Oncology* 28(3):196-199, March 2006
13. Jariwala S, Crowley GJ, **Roychowdhury S**: Trauma-Induced Extracranial Internal Carotid Artery Dissection Leading to Multiple Infarcts in a Young Girl. *Pediatric Emergency Care* 22(10):737-742, October 2006
14. Prager A, **Roychowdhury S**: Magnetic Resonance Imaging of the Neonatal Brain. *Indian J Pediatr* 74(2): 173-184, 2007 Review article
15. Rhodes RH, Lehman RM, Wu B, **Roychowdhury S**: Focal Chronic Inflammatory Epileptic Encephalopathy in a Patient with Malformations of Cortical Development, With a Review of the Spectrum of Chronic Inflammatory Epileptic Encephalopathy. *Epilepsia* 48(6): 1184-1202, June 2007
16. Yim PJ, Infantino D, **Roychowdhury S**, Noshier JL: Hemodynamic Conditions in the Stenotic Carotid Artery; Possible Assessment from Contrast-Enhanced Magnetic Resonance Angiography. *International Society of Magnetic Resonance in Medicine (ISMRM)* October 2007
17. McElroy K, Keller IA, **Roychowdhury S**: Traumatic Basilar Artery Pseudoaneurysm: A Visual Vignette. *American Journal of Physical Medicine & Rehabilitation*. August 2008 PMID18645327
18. Soman S, Rosenfeld DL, **Roychowdhury S**, Drachtman RA, Cohler A: Cord Compression Due to Extramedullary Hematopoiesis in a Adolescent with Known Beta Thalassemia Major. *Journal of Radiology Case Reports* 3(1):17-22, Jan 2009 PMID:22470615
19. Cole P, Beckwith K, Vijayanathan V, **Roychowdhury S**, Smith A, Kamen B: Folate Homeostasis in Cerebrospinal Fluid During Therapy for Acute Lymphoblastic Leukemia. *Pediatric Neurology* 1(1): 34-41, January 2009 PMID: 19068252
20. Lee J, **Roychowdhury S**, Nissenblatt N: Neuroembolization of Metastatic Merkel Cell Tumor to the Face for Treatment of Kasabach-Merritt Syndrome. *BMJ Case Reports*, February 2013 PMID:23329724
21. Lee J, **Roychowdhury S**, Stein M: Percutaneous Treatment of a Sacral Metastasis with Combined Embolization, Cryoablation, Alcohol Ablation and Sacroplasty for Local Tumor and Pain Control. *J Neuro-Interventional Surgery* 2013 June; 19(2):250-3

22. Lee J, Tseng IK, Siegel RL, **Roychowdhury S**: Repair of Carotid Pseudoaneurysm Using Direct Thrombin Injection with Distal Protection Device. *J Neuro-Interventional Surgery* 2013 June 19(2):235-9
23. Sundararagan SH, **Roychowdhury S**, Noshier J: Combined Interventional Therapy with Imaging-Guided Drainage, Embolization, and Sclerotherapy of a Recurrent Sacral Chordoma. *Interventional Oncology* 360 2013; 1(2): E26-E33
24. Glod J, Song M, Sharma A, Tuagi R, Rhodes R, Weissman D, **Roychowdhury S**, Khan A, Kane M, Hirshfeld K, Ganesan S, DiPaula R, Rodriguez-Rodriguez L: Next Generation Sequencing As an Aid to Diagnosis and Treatment of an Unusual Pediatric Brain Cancer. *J Pers. Med.* 2014, 4(3), 402-411 PMID:25563358
25. Sundararajan S, **Roychowdhury S**, Nassiri N, Savage B, Drachtman R. "Early diagnosis and management of extracranial carotid and vertebrobasilar vasculopathy in mitigating neurological complications of Sickle Cell Disease." *OMICS J Radiol* 2015, 4:4
26. Garg R, **Roychowdhury S**, Fitzpatrick M, Gupta G. Case: Cognard Type IV Dural Arteriovenous Fistula. *ACR Case in Point* February 2016
27. Sundararajan S, Murillo P, Khan A, Gendel V, Gribbin C, **Roychowdhury S**, Noshier N: Ultrasound-Guided Thrombin Injection for Treatment of Superficial Traumatic Pseudoaneurysms and Associated Expanding Hematomas: Experience in Five Patients. *Journal of Trauma Management & Outcomes* 2016 10:4 PMID: 26929774
28. Garg R, **Roychowdhury S**, et al: Injection of n-Butyl Cyanoacrylate and Epidural Fibrin Sealant for the Treatment of Spontaneous Intracranial Hypotension Secondary to a Sacral Perineural Root Sleeve Cyst. *Neurographics* 2016
29. Eng O, Grant S, Weissler J, Simon M, **Roychowdhury S**, Davidov T, Trooskin S. Operative Bed Recurrence of Thyroid Cancer: Utility of a Preoperative Needle Localization Technique. *Gland Surgery* Dec 2014: 571-575 PMID: 28149802
30. Puvabanditsin S, Mehta R, Palomares K, Gengel N, Dasilva C, **Roychowdhury S**, Gupta G, Kashyap A, Sorrentino D. Vein of Galen Malformation in a Neonate: A Case Report and Review of Endovascular Management. *World J Clin Pediatr* February 2017 PMID: 28224101
31. Al-Mufti F, Amuluru K, Walia J, Dodson V, Wajswol E, Nuoman R, Gupta G, **Roychowdhury S**. Neuroendovascular Cerebral Sinus Stenting in Idiopathic Intracranial Hypertension. *Interventional Neuology* Vol8, 164-171 2019. Doi 10.1159/000500051
32. Al-Mufti F, Dodson V, Wajswol E, El-Ghanem M, Alchaki A, Nuoman R, Thabey A, Sutherland A, **Roychowdhury S**, Hidalgo A, Gupta G. Chemical Angioplasty for Medically Refractory Reversible Cerebral Vasoconstrictive Syndrome. *British Journal of Neurosurgery* Vol32:4, 2018 pp 431-435 PMID:30207193
33. Dow F, Shah K, Gupta G, Censullo M, **Roychowdhury S**. Interventional Removal of Traumatic Nail from Skull Base After Endovascular Coiling of Internal Carotid Artery and Jugular Vein. *World Neurosurgery* Vol 155, pp 130-142 July 2018 PMID: 29689400
34. Kamal N, Majmundar N, Damadora N, El-Ghanem M, Nuoman R, Keller IA, Schonfeld S, Rybinnik I, Gupta G, **Roychowdhury S**, Al-Mufti F. Mechanical thrombectomy - is time still brain? The DAWN of a new era. *Br J Neurosurg.* Feb 2018: 1-5 PMID:2941783
35. Orzano D, Hollender K, Lane J, Jablonski A, Al-Mufti F, **Roychowdhury S**, Rybinnik I, Mehta D. Abstract TP8: Process Modification to Reduce Door to Puncture Time for Patients with Large Vessel Ischemic Stroke. *Stroke* Vol 49, No Suppl 1 2018
36. Gupta G, Carminucci A, **Roychowdhury S**. Dissection Syndromes. *Medscape* November 2018

37. Al-Mufti F, Kamal N, Damodara N, Nuoman R, Gupta R, Alotaibi N, El-Ghanem M, Keller I, Schonfeld S, Gupta G, **Roychowdhury S**. Updates in the Management of Cerebral Infarctions and Subarachnoid Hemorrhage Secondary to Intracranial Arterial Dissection: A Systematic Review. *World Neurosurgery* Vol 121 pp 51-58 2019 Jan 2019
38. Paulo D, Semoche A, Choudhry O, Al-Mufti F, Prestigiacomo C, **Roychowdhury S**, Nanda A, Gupta G. History of Hemostasis in Neurosurgery. *World Neurosurgery* Vol 124 pp 237-250 2019 PMID: 30579020
39. Rallo M, Nosko M, Agag R, Xiong Z, Al-Mufti F, **Roychowdhury S**, Nanda A, Gupta G. Neurosurgical and Scalp Reconstructive Challenges During Craniotomy in the Setting of Cutis Verticis Gyrata. *World Neurosurgery* Col 125 pp 392-397 2019 PMID: 30763753
40. Parr M, Carminucci A, Al-Mufti F, **Roychowdhury S**, Gupta G. Isolated Abducens Nerve Palsy Associated with Ruptured Posterior Inferior Cerebellar Artery Aneurysm: Rare Neurologic Finding. *World Neurosurgery* Vol 121 PP 97-99 2019 PMID 30266698
41. Sundararajan S, Calamita S, Girgis P, Ngo G, Ranganathan S, Giglio M, Gendel V, Goyal S, Nosher J, **Roychowdhury S**. Sequential Interventional Management of Osseous Neoplasms via Embolization, Cryoablation and Osteoplasty. *Journal of Oncology* Vol 2019 ID 5247837 PMID: 31110519
42. Sozio S, Ngo G, Girgis P, Gupta G, **Roychowdhury S**. Novel Approach to Intraoral Haemorrhage After Mandibular Arteriovenous Malformation Embolization: Transoral Onyx Embolization of the Posterior Alveolar Vein. *Oral Surgery* June 2019 PMID
43. Al-Mufti F, Kamal N, Damodara, Nuoman R, Gupta R, Alotaibi N, Alkanaq, A, El-Ghanem M, Keller I, Schonfeld S, Gupta G, **Roychowdhury S**. Updates in the Management of Cerebral Infarctions and Subarachnoid Hemorrhage Secondary to Intracranial Arterial Dissection: A Systematic Review. *World Neurosurgery* Vol 121, January 2019, Pp 51-58 PMID 30268550
44. Taylor BES, Narayan V, Jumah F, Al-Mufti F, Nosko M, **Roychowdhury S**, Nanda A, Gupta G. Ethical and medicolegal aspects in the management of neurosurgical emergencies among Jehovah's Witnesses: Clinical implications and review. *Clin Neurol Neurosurg.* 2020 Mar 19;194:105798. doi: 10.1016/j.clineuro.2020.105798. Epub ahead of print. PMID: 32222653.
45. Bernardo K, **Roychowdhury S**, Bhise V. Tentorium and Straight Sinus Hypoplasia in Child: a Case Report. *SN Compr. Clin. Med.* June 2020
46. Gupta G, Eckstein, D, Narayan V, Jumah F, DePalma A, Sozio S, Prendergast N, Schonfeld S, Keller I, Al-Mufti F, Nosko M, Nanda A, **Roychowdhury S**. Endovascular Management of Intracranial Vertebral Artery Dissection: Technical Nuances for the Preservation of the Posterior Inferior Cerebellar Artery and Basilar Artery. *Operative Neurosurgery* June 2020 PMID: 32526018.
47. Patel P, Talbot C, Meybodi A, Al-Mufti F, Sun H, Khandewal P, Nanda A, **Roychowdhury S**, Gupta G. Cognard Grade IV Tentorial dural Arteriovenous Fistula Presenting as Trigeminal Neuralgia: Endovascular Management. *World Neurosurgery* Vol 144, P 184 June 2020 PMID: 32827746.
48. Parr M, Patel N, Kauffman J, Al-Mufti F, **Roychowdhury S**, Narayan V, Nosko M, Nanda A, Gupta G. Arteriovenous Malformation Presenting as Traumatic Subdural Hematoma: A Case Report. *Surg Neurol Int* 11: 203 July 2020
49. Vella J, Wackym PA, Wang H, **Roychowdhury S**. Iatrogenic Cholesteatoma Presenting as Neck Mass. *Laryngoscope* August 2020

50. Taylor B, Khandewal P, Rallo M, Patel P, Smith L, Sun H, Nanda A, Singla A, **Roychowdhury S**, Cheng R, Lee K, Gupta G, Johnson S. Outcomes and Spectrum of Major Neurovascular Events Among COVID-19 Patients: A 3-Center Experience. *Neurosurgery Open* Vol 11: 3 July 2020
51. Khandelwal Priyank, Mufti Fawaz, Al Tiwari Ambooj, Singla Amit, Dmytriw Adam, Piano Mariangela, Quilici Luca, Pero Guglielmo, Renieri Leonardo, Limbucci Nicola, Martínez-Galdámez Mario, Schüller Miguel, Galván Jorge, Arenillas-Lara Juan Francisco, Hashim Zafar Nayak Sanjeev, Desousa Keith, Sun Hai, Agarwalla Pankaj, Nanda Anil, Lonzano Juan Diogo, **Roychowdhury Sudipta**, Nourollahzadeh Emad, Gandhi Chirag D, Xavier Andrew R, Prakash Tannavi, Gupta, Gaurav and Yavagal, Dileep: Incidence, Characteristics and Outcomes of Large Vessel Stroke in COVID-19 Cohort: A Multicentric International Study. (June 2, 2020). : <https://ssrn.com/abstract=3617195> or <http://dx.doi.org/10.2139/ssrn.3617195>

## B. Books, Monographs and Chapters

1. El-Ghanem M, Gupta G, **Roychowdhury S**, Al-Mufti F. Chapter 15: Neurointerventional Surgery. *The Neuro ICU Board Review*. McGraw-Hill 2017. ISBN 978-1-260-01100-5
2. Majmundar N, Al-Mufti F, **Roychowdhury S**, Gupta G: Role of Neurointerventional Techniques in Cervical Trauma- in *Cervical trauma*- Ed Robert Heary MD Thieme Publishers, NY, NY 2019
3. Neuroimaging in the Pregnant Patient Authors: Sri Hari Sundararajan, MD, Gaurav Gupta, MD and **Sudipta Roychowdhury, MD**. In *Neurological Disorders in Pregnancy*. Springer Publications, NY In press 2020 Editor G. Gupta, Todd Rosen, Fawaz Al-Mufti, **Sudipta Roychowdhury** and Anil Nanda

## C. Patents Held – N/A

## D. Other Articles in Journals; Chapters; Books; other Professional Communications

1. Robert Wood Johnson University Hospital Announces New Stent Procedure for Minimally Invasive Treatment of Difficult Brain Aneurysms – **Sudipta Roychowdhury MD** June 2005 <https://www.businesswire.com/news/home/20050622005645/en/Robert-Wood-Johnson-University-Hospital-Announces-New>
2. One Year After Being Shot with an Arrow Through the Head, Somercet Country Girl Continues Remarkable Recovery - **Sudipta Roychowdhury MD**. NJ.Com May 2011 [https://www.nj.com/news/2011/05/one\\_year\\_after\\_being\\_shot\\_with.html](https://www.nj.com/news/2011/05/one_year_after_being_shot_with.html)
3. A Young Girl Suffers a Stroke, but Recovers to Dance Again - **Sudipta Roychowdhury MD**, Rachana Tyagi MD and Gaurav Gupta MD. *Rutgers Today*. July 2015

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4. Stroke Treatment: Treatment from Afar - **Sudipta Roychowdhury MD**. *RWJBH Breakthroughs* magazine – Spring 2015
5. Amelia Bedelia Goes to Medical School: Rutgers Stroke Center Teams saves Amelia Bedelia Author Herman Parish. **Sudipta Roychowdhury MD** and Gaurav Gupta MD. *Rutgers Today*. August 2016  
<https://news.rutgers.edu/feature/amelia-bedelia-goes-medical-school/20160729#.XJ-KwxNKjUI>
6. Belly Button Brain Surgery - **Sudipta Roychowdhury MD** and Gaurav Gupta MD. *RWJBH Breakthroughs* magazine - Winter 2016
7. Going to Extremes to Find Cutting-Edge Help-Pioneering Surgeons, Researchers Bring Cutting Edge Procedures to New Jersey- **Sudipta Roychowdhury** and Gaurav Gupta MD and *New Jersey Monthly Magazine* Nov 2016  
<http://modmd.com/modmd/2016/11/11/extreme-medicine-four-new-cutting-edge-procedures-new-jersey-monthly/>
8. Flemington Woman Survives Multiple Brain Aneurysms with Advanced Treatment - **Sudipta Roychowdhury MD** and Gaurav Gupta MD. January 2016  
<https://www.usatoday.com/story/life/2015/12/07/flemington-woman-survives-multiple-brain-aneurysms/76368480/>
9. A Revolutionary Treatment – WEB Device for brain aneurysm. **Sudipta Roychowdhury MD** and Gaurav Gupta MD. Fall 2019 *Healthy Together*

#### **E. Abstracts – Peer Reviewed**

1. Prager JM, **Roychowdhury S**, Gorey MT, Lowe G, Ankenbrandt W, Ragin A: Bevel Versus Pencil-Point Needles for Myelography, XV Symposium Neuroradiologicum, Kumamoto, Japan, September 1994
2. Fitzgerald SW, Peduto A, Sonin AH, **Roychowdhury S**, Stern S, Hoff FL, Bowen M: MR Diagnosis of Meniscal Tears Associated with Anterior Cruciate Ligament Injury, ARRS, Washington, DC, May 1995
3. Prager JM, **Roychowdhury S**, Gorey MT, Lowe G, Diamond CK: Post-Myelogram Spinal Headache and Needle Type, ARRS, Washington, DC, May 1995
4. Meyer JR, **Roychowdhury S**, Guttierrez F, Russell EJ: Invasive Pituitary Adenoma with Perineural Extension Along V3, American Society of Head and Neck Radiology, Pittsburgh, PA, May 1995
5. Meyer JR, **Roychowdhury S**, Callahan CM, Gitelman D, Mesulam MM, Russell EJ: Localization of the Central Sulcus on Turbo-IR MRI of the Brain, RSNA, Chicago, IL, November 1995

6. Fitzgerald SW, Peduto AJ, Sonin AH, **Roychowdhury S**, Hoff FL: Fast Spin Echo Imaging of the Meniscus: Comparison with Conventional Spin Echo and Arthroscopy, International Symposium on Musculoskeletal MR Imaging, San Francisco, CA, January 1996
7. Prager JM, **Roychowdhury S**, Gorey MT, Liu C-Y: Imaging Features of Mixed Oligo-Astrocytomas, ARRS, San Diego, CA, May 1996
8. Fitzgerald SW, **Roychowdhury S**, Peduto AJ, Sonin AH, Hoff FL: Axial Images in the MR Diagnosis of Partial Tears of the ACL, ARRS, San Diego, CA, May 1996
9. **Roychowdhury S**, Fitzgerald SW, Sonin AH, Miller FH, Hoff FL: Normal and Abnormal Anatomy of the ACL on Axial MR Imaging of the Knee, RSNA, Chicago, IL, December 1996
10. Sonin AH, **Roychowdhury S**, Fitzgerald SW: Accuracy and Efficiency of a Turbo Double-Echo Sequence in the MRI Assessment of the Patellar Cartilage, RSNA, Chicago, IL, December 1996
11. Fitzgerald SW, Peduto AJ, Sonin AH, **Roychowdhury S**, Miller FH, Hoff FL: Fast SE Imaging of the Meniscus: Comparison with Conventional SE Imaging and Arthroscopy, RSNA, Chicago, IL, December 1996
12. Fitzgerald SW, **Roychowdhury S**, Fonner BT, Sonin AH, Miller FH, Hoff FL: Primary Evaluation of the ACL on Axial MR images of the Knee: Forget About Secondary Signs, RSNA, Chicago, IL, December 1997
13. **Roychowdhury S**, Yousem DM, Loevner LA, Montone K: MR Imaging for Predicting Neoplastic Invasion of the Cervical Esophagus, ASNR, Philadelphia, PA, June 1998, **Best Paper Award for Head and Neck Radiology**
14. **Roychowdhury S**, Maldjian JA, McGowan J, Grossman RI: Reproducibility of Diffusion Trace Measurements, RSNA, Chicago, IL, December 1998
15. Demarco JK, Schonfeld S, Keller I, **Roychowdhury S**, Fitzpatrick M: Current State of the Art in Carotid MRA, Symposium at London Health Science Center, London, Ontario, Canada, May 2000
16. Demarco JK, Schonfeld S, Keller I, **Roychowdhury S**, Fitzpatrick M: Larger FOV Aortic Arch & Carotid Elliptical Contrast-Enhanced MRA, International Workshop on MRA, October 2000, London, England
17. Demarco JK, Schonfeld S, Keller I, **Roychowdhury S**, Fitzpatrick M: Preliminary Experience With In Vivo 500-600 Micron Elliptical Contrast-Enhanced Carotid MR Angiography and Carotid Plaque Imaging, International Workshop on MRA, October 2001 Cleveland OH
18. Zicherman J, **Roychowdhury S**, Demarco JK, Shepard S, Schonfeld S, Keller I, Schlesinger S: Endovascular Treatment of a Ruptured Giant Serpentine Aneurysm of the Superior Cerebellar Artery in a Patient With a Chiari II Malformation, ASNR, Vancouver, May 2002
20. **Roychowdhury S**, Schonfeld S, Keller I, Nosko M, Demarco JK, Shepard S, Schlesinger S: Micrus ACT Spherical Coils For Three-Dimensional Framing of Intracranial Aneurysms: Preliminary Results, AANS/CNS/ASITN Joint Meeting, Phoenix, AZ February 2003.
21. **Roychowdhury S**: Vascular Noninterventional. Case-Based Review of Neuroradiology, RSNA, Chicago, IL 2006
22. Yim PJ, Infantino D, **Roychowdhury S**, Noshier J: Hemodynamic Conditions in the Stenotic Carotid Artery: Possible Assessment from Contrast-Enhanced Magnetic Resonance Angiography, RSNA, Chicago, IL 2006

30. Bindal V, **Roychowdhury S**, Keller I, Schonfeld SM: Micrusphere Spherical Coil Assisted Placement of the Neuroform Stent for Treatment of Wide-Necked Intracranial Aneurysms, ASNR Chicago, IL 2007
31. **Roychowdhury S**: Vascular Noninterventional. Case-Based Review of Neuroradiology, RSNA, Chicago, IL 2007
32. Sunderajan S, Garg R, Gupta G, Schonfeld S, **Roychowdhury S**. Balloon-Assisted Glue Embolization: An Adjunct Technique for Management of Intraprocedural Aneurysm Rupture. American Society of Neuroradiology (ASNR) 2016
33. Orzano D, Hollender K, Lane J, Jablonksi A, Al-Mufti F, **Roychowdhury S**, Rybinnik I, Mehta D. Process Modification to Reduce Door to Puncture Time for Patients with Large Vessel Ischemic Stroke. International Stroke Conference Los Angeles 2018

## PRESENTATIONS:

### A. Scientific (*Basic Science*):

1. Prager JM, Lewin D, Gorey MT, Mojtahedi S, Rosenblum J, **Roychowdhury S**: Perimesencephalic Subarachnoid Hemorrhage: CT Patterns Predictive of Negative Cerebral Angiography, RSNA, Chicago, IL, December 1994
2. Meyer JR, **Roychowdhury S**, Callahan CM, Gitelman D, Mesulam MM, Russell EJ: Localization of the Central Sulcus by Relative Cortical Thickness of the Pre and Post Central Gyri on Turbo IR MR Imaging of the Brain, ISMRM, Nice, France, 1995, Society of Neuroscience Annual Meeting, San Diego, CA, 1995
3. **Roychowdhury S**, Rabin BM, Meyer JR, LaPat KD, Russell EJ: Spontaneous Intracranial Hypotension: Spinal Imaging Findings, ASNR, Seattle, WA, June 1996
4. Kwon, J, Prasad R, **Roychowdhury S**, et al: A Novel Technique for Treatment of Basilar Artery Thrombosis and Venous Sinus Thrombosis Using Combined Angioplasty and Thrombolytic Therapy with a Coronary Maverick Angioplasty Balloon, RSNA Education Exhibit, 2003
5. Lee J, Keller I, Danish S, Tyagi R, **Roychowdhury S**, Basak S: Short Term MRI Characteristics and Response to MR Image Guided Laser Ablation Therapy, ASNR June 2011
6. Sundararajan SH, **Roychowdhury S**, Tyagi R: Clival Encephalocele – A Rare Developmental Anomaly, RSNA Exhibit 2013, Chicago IL
7. Sundararajan SH, **Roychowdhury S**: Differential Considerations for Vascular Preauricular Lesion in a Young Wrestler, ASNR Exhibit May 2014, Montreal Canada
8. Zhou L, **Roychowdhury S**: A Novel Approach: CT-Guided Epidural Blood Patch Treatment in the Absence of a Myelographic-Evident Cerebrospinal Fluid Leak, ASNR Exhibit May 2014, Montreal Canada
9. Sundararajan S, Gendel V, Goyal S, Giglio M, Gupta G, Noshier J, **Roychowdhury S**. “Sequential Interventional Treatment of Pelvic/Sacral Tumors via Angiographic Embolization, Cryoablation, and Stabilization Plasty Combinational Therapy.” Oral presentation at RSNA December 2014.
10. Garg R, Sundararajan S, Danish S, **Roychowdhury S**. Injection of n-Butyl Cyanoacrylate and Epidural Fibrin Sealant for the Treatment of Spontaneous Intracranial Hypotension Secondary to a Sacral Perineural Root Sleeve Cyst. ASNR, Chicago April 2015

11. Sundararajan S, Garg R, Kaufman H, Gendel V, **Roychowdhury S**. Clinical Utility of Neurophysiological Monitoring in CT-Guided Interventions. ASNR, Chicago April 2015
12. Barot A, Shah K, Sundararajan S, Dow R, Censullo M, Gupta G, **Roychowdhury S**. Removal of a Traumatic Skull Base Nail After Internal Jugular and Internal Carotid Artery Embolization. ASNR, Washington DC April 2016
13. S. Sunderarajan MD, R. Garg MD, G. Gupta MD, S. Schonfeld MD and **S. Roychowdhury MD** Balloon-Assisted Glue Embolization: An Adjunct Technique for Management of Intraprocedural Aneurysm Rupture. American Society of Neuroradiology (ASNR) 54<sup>th</sup> Annual meeting and symposium. Washington DC April 8<sup>th</sup> 2016
14. Orzan D, Hollender K, Lane J, Jablonski A, Al-Mufti F, **Roychowdhury S**, Rybinnick I, Mehta D. Process Modification to Reduce Door to Puncture Time for Patients with Large Vessel Ischemic Stroke. International Stroke Conference Los Angeles 2018
15. King Francis, Shah K, Park H, Gendel V, **Roychowdhury S**, Gribbin G. Balloon-Assisted Onyx Embolization of High Flow Arteriovenous Malformations with Dual Lumen Coaxial Balloon Microcatheter: Technical Aspects and Clinical Results. SIR Los Angeles 2018
16. **Roychowdhury S**, Kane I, Saifuddin A, Priyank Khandelwal, Gaurav Gupta- Surpass embolization of intracranial aneurysms at two high volume comprehensive stroke centers: unexpectedly high rate of neurologic complications *Journal of NeuroInterventional Surgery* 2020;**12**:A11.

#### **B. Professional (Clinical):**

1. **Roychowdhury S**: Magnetic Resonance Spectroscopy, UMDNJ\_Robert Wood Johnson Medical School Neurology Grand Rounds, New Brunswick NJ 2001
2. **Roychowdhury S**: Cutting Edge Cases in Diagnostic and Interventional Neuroradiology, AAPI Conference, Middlesex County, NJ, 2003
3. **Roychowdhury S**: Subtlety and Fine Points of Spine Imaging, Combined Orthopedics and Neurosurgery Spine Conference, RWJ Medical School New Brunswick, NJ 2005
4. **Roychowdhury S**: Interventional Neuroradiology, Neurology Grand Rounds, RWJ Medical School New Brunswick, NJ June 2005
5. **Roychowdhury S**: Adult and Pediatric Interventional Neuroradiology, Contemporary Issues in Neurology, Jersey Shore University Medical Center, September 2005
6. **Roychowdhury S**: Neurological Endovascular Case Presentation, New Jersey Neurosurgical Society, New Brunswick, NJ October 2005
7. **Roychowdhury S**: Carotid MR Angiography and CT Angiography, Vascular Surgery Conference, RWJ Medical School New Brunswick, NJ 2005
8. **Roychowdhury S**: Spine Imaging: Marrow, Epidural Masses and Nerve Roots, Combined Orthopedics and Neurosurgery Spine Conference, RWJ Medical School New Brunswick, NJ 2006
9. **Roychowdhury S**: Neuro-Oncologic MRI Case Presentation, Radiation Oncology Conference RWJ Medical School New Brunswick, NJ 2007

10. **Roychowdhury S:** Interventional Neuroradiology Case Presentation, Raritan Bay Medical Center Medical Grand Rounds, Perth Amboy NJ, January 2009
11. **Roychowdhury S:** Neuro-Interventional Treatment of Stroke; Time Is Brain, Robert Wood Johnson University Hospital, RWJ Medical School New Brunswick, NJ October 2009
12. **Roychowdhury S:** Endovascular Treatment of Acute Ischemic Stroke. UMDNJ-RWJ Medical School Neurology Grand Rounds, RWJ Medical School New Brunswick, NJ, NJ May 2010
13. **Roychowdhury S:** Endovascular Treatment of Stroke; Time Is Brain, Robert Wood Johnson University Hospital, RWJ Medical School New Brunswick, NJ September 2010
14. **Roychowdhury S:** Interventional Neuroradiology: Stroke Treatment; The First Neurology Update Symposium, RWJ Medical School New Brunswick, NJ December 2010
15. **Roychowdhury S:** Endovascular Treatment of Intracranial Aneurysms; Advances in Stroke Care 2011, RWJ Medical School New Brunswick, NJ September 2011
16. **Roychowdhury S:** Traumatic MCA Aneurysm; Respiratory Care: Emerging Technologies and Concepts 2011, RWJ Medical School New Brunswick, NJ September 2011
17. **Roychowdhury S:** Diffusion Tensor Imaging, UMDNJ\_Robert Wood Johnson Medical School Neurology Grand Rounds, New Brunswick NJ 2012
18. **Roychowdhury S:** Current Endovascular Treatment of Stroke, Advances in Stroke, RWJ Medical School New Brunswick, NJ September 2012
19. **Roychowdhury S:** Treatment of Stroke, Robert Wood Johnson University Hospital Hamilton Grand Rounds, Hamilton NJ September 2013
20. **Roychowdhury S:** Endovascular Treatment of Stroke 2013, Advances in Stroke Care, RWJ Medical School New Brunswick, NJ October 2013
21. **Roychowdhury S:** Endovascular Treatment of Brain Aneurysms, AAPI conference, North Brunswick NJ, October 2013
22. **Roychowdhury S:** CT Perfusion Techniques and Applications. Virtual lecture given to University Radiology Group and University Radiology Group Teleradiology, October 2013
23. **Roychowdhury S:** Interventional Treatment of Stroke, RWJUH Clinical Neuroscience Symposium, November 2014
24. **Roychowdhury S:** Neuroanatomy and Stroke, RWJUH Stroke Nursing Symposium, May 2015
25. **Roychowdhury S:** Endovascular Treatment of Stroke: History and 2015 Current Concepts. Meridian Health Stroke Symposium, May 2015
26. **Roychowdhury S:** Stroke. Expert Approaches to Cardiac Emergencies, Rutgers Robert Wood Johnson Medical School. October 2015
27. **Roychowdhury S:** Interventional Treatment of Stroke - 2015, RWJUH Advances in Stroke Care 2015 Conference. October 2015
28. **Roychowdhury S:** Interventional Treatment of Stroke – 2016 Update, RWJUH Nursing Stroke Symposium. May 2016
29. **Roychowdhury S:** Interventional Treatment of Brain Aneurysms: Family Medicine Considerations, Rutgers- Robert Wood Johnson Medical School Family Medicine Grand Grounds. May 2016

30. **Roychowdhury S:** Management of Unruptured Brain Aneurysms, Rutgers- Robert Wood Johnson Medical School Internal Medicine Grand Grounds. October 2016
31. **Roychowdhury S:** Patient Selection in Interventional Stroke Treatment, RWJUH Advances in Stroke Care 2016 Conference. October 2016
32. **Roychowdhury S:** Interventional Stroke Treatment – 2016 Update and Trials, RWJUH Somerset Stroke Conference. November 2016
33. **Roychowdhury S:** Anesthesiology Considerations in Interventional Neuroradiology. Rutgers- Robert Wood Johnson Medical School Anesthesiology Grand Grounds. February 2017
34. **Roychowdhury S:** Management of Unruptured Brain Aneurysms. Rutgers- Robert Wood Johnson Medical School Neurology Grand Grounds. February 2017
35. **Roychowdhury S:** Pediatric Interventional Neuroradiology: Case Presentation. Rutgers- Robert Wood Johnson Medical School Pediatric Grand Grounds. February 2017
36. **Roychowdhury S:** Endovascular Treatment of Brain Aneurysms: Evolution of Treatment and Tips for Challenging Cases. Rutgers-Robert Wood Johnson Medical School Clinical Neuroscience Symposium September 2018
37. **Roychowdhury S:** Carotid Intervention Panel. Rutgers-Robert Wood Johnson Medical School 15<sup>th</sup> Annual Innovations and Trends in Cardiovascular Care Symposium October 2018
38. **Roychowdhury S:** Stroke and Brain Aneurysm Awareness. Cranbury Township Health Seminar December 2018
39. **Roychowdhury S:** RAPID CT Perfusion and Extended Stroke Intervention. Virtual lecture University Radiology Group and University Radiology Group Teleradiology, January 2019
40. **Roychowdhury S:** Interventional Stroke and Brain Aneurysm Treatment. Cranbury Lions Club, April 2019
41. **Roychowdhury S:** Interventional Options for Acute Ischemic Strokes: It's Not Just Thrombectomy. Stroke and Neurocritical Care Symposium, Rutgers RWJBarnabus Health October 2019
42. **Roychowdhury S:** Interventional Anesthesiology Considerations: 2020 Update in COVID-19 Era, Rutgers-RWJ Medical School Anesthesiology Grand Rounds April 2020
43. **Roychowdhury S:** Medical Malpractice for Neurosurgery, Rutgers-RWJ Medical School Neurosurgery April 2020
44. **Roychowdhury S:** Medical Malpractice for Radiology, Rutgers-RWJ Medical School Radiology and University Radiology Group April 2020
45. **Roychowdhury S:** Rutgers Global Neurosurgery: Ask Not for Whom the Bell Tolls. Vascular Neurosurgery Moderator. September 2020
46. **Roychowdhury S:** Medical Malpractice Issues In Endovascular Stroke Treatment. Stroke and Neurocritical Care Symposium, Rutgers RWJBarnabus Health November 2020
47. **Roychowdhury S:** Advanced Endovascular Stroke Techniques. NJ Department of Health Stroke Symposium November 2020