

CURRICULUM VITAE

NAME: Gaurav Gupta, M.D.

PRESENT TITLE: Associate Professor
Department of Neurosurgery
Director, Endovascular and Cerebrovascular Neurosurgery
Rutgers - Robert Wood Johnson Medical School (RWJMS),

Fellowship Director
Endovascular Neurosurgery fellowship (CAST Certified)
Rutgers Robert Wood Johnson Medical School and
Rutgers New Jersey Medical School
New Brunswick, New Jersey

OFFICE ADDRESS: Rutgers Robert Wood Johnson Medical School
Department of Neurosurgery
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New Brunswick, New Jersey 08902-2821

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CITIZENSHIP: USA

EDUCATION:

A. Undergraduate and Professional- N/A

B. Graduate and Professional

1. Conferral of Doctoral of Medicine (MD) Degree, University of the State of New York.
Certificate # 287414.
2. Bachelor of Medicine & Bachelor of Surgery (MBBS)
University of Mysore, India
8/1992- 3/1997
Including one-year compulsory rotation Internship-
4/1997-3/1998

POSTGRADUATE TRAINING:

A. Internship and Residencies
Columbia-Presbyterian Medical Center
New York, New York
General Surgery Internship

Prog. Director/Chairman- Mark Hardy, MD/Eric Rose, MD
7/1/2001 – 6/30/2002

Cleveland Clinic Foundation
Cleveland, Ohio
Neurosurgery Residency
Program Director/Chairman- Edward Benzel, MD /Marc Mayberg, MD
7/1/2002 – 6/30/2003

Rutgers New Jersey Medical School (University of Medicine and
Dentistry of New Jersey Newark, New Jersey)
Neurosurgery Residency
Program Director / Chairman – Charles Prestigiacomo, MD / Peter
Carmel, MD
7/1/2004 – 6/30/2010

Rutgers New Jersey Medical School (University of Medicine and
Dentistry of New Jersey Newark, New Jersey)
Chief Resident in Neurosurgery
Program Director / Chairman – Charles Prestigiacomo, MD / Peter
Carmel, MD
7/1/2010 – 6/30/2011

Rutgers New Jersey Medical School (University of Medicine and
Dentistry of New Jersey Newark, New Jersey)
Endovascular Neurosurgery Fellow
Fellowship Director / Chairman – Chirag Gandhi, MD / Peter Carmel,
MD
7/1/2008 – 6/30/2009-Fellowship year 1
7/1/2011 – 6/30/2012- Fellowship year 2

Stanford University Medical Center
Department of Neurosurgery
AANS/CNS/CV Section/NREF Cerebrovascular travelling fellowship-
2019
Focus: Extra-cranial Intra-cranial bypass, Microsurgical cerebrovascular
Neurosurgery
Stanford University, CA
Chairman- Gary Steinberg, MD
8/2019

B. Research Fellowships

See postdoctoral appointments-

C. Postdoctoral Appointments

Albert Einstein College of Medicine
Bronx, New York
Neurology
Cerebral Ischemia, Stem cell transplantation in brain
Program Director: Daniel Rosenbaum, MD
10/1998 – 6/2001

Columbia University
Columbia Presbyterian Medical Center
New York, New York
Interventional Neuro-Radiology Research Fellowship
Program Director- John-Pile Spellman
9/2003 – 6/2004

MILITARY: N/A

ACADEMIC APPOINTMENTS:

Associate Professor
Department of Neurosurgery
Rutgers - Robert Wood Johnson Medical School (RWJMS),
New Brunswick, New Jersey 08902-2821
Division Chief, Endovascular and Cerebrovascular Neurosurgery
Chairman- Anil Nanda, MD
7/1/19-

Assistant Professor
Department of Neurosurgery
Rutgers - Robert Wood Johnson Medical School (RWJMS),
New Brunswick, New Jersey 08902-2821
Director- Endovascular and Cerebrovascular Neurosurgery
Chairman- Anil Nanda, MD
8/2012-6/30/19

Fellowship Director
Endovascular Neurosurgery fellowship
Rutgers Robert Wood Johnson Medical School
Rutgers New Jersey Medical School
New Brunswick, New Jersey
9/1/2017 - present

HOSPITAL APPOINTMENTS:

Department of Neurosurgery
Robert Wood Johnson Barnabas Health
Robert Wood Johnson University Hospital

New Brunswick, New Jersey
Director, Endovascular and Cerebrovascular Neurosurgery
Director, Neurological Disorders in Pregnancy Program
Director, New Jersey Brain Aneurysm and AVM Program
8/2012-Present

OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:

Clinical Assistant Professor
Department of Neurosurgery
Rutgers New Jersey Medical School
Newark, NJ
12/1/2017- present

Academic CME Chair
New Jersey-American Association of Physicians of Indian Origin (NJ-AAPI)
New Jersey Physicians of Indian Origin (NJPIO)
2012-2016

PRIVATE PRACTICE: N/A

LICENSURE:

- | | | |
|------------------------------|--------------|----------------------|
| 1. New Jersey Medical Doctor | 25MA08236700 | Expiration 6/30/2021 |
| 2. New York Medical Doctor | 287414 | Expiration |
| | 09/30/2020 | |

DRUG LICENSURE:

- | | |
|-------------------|-----------------------|
| 1. CDS: D09572700 | Expiration 10/31/2019 |
| 2. DEA: FG1736923 | Expiration 9/30/2021 |
| 3. ACLS/BLS | 3/19/19-3/31/2021 |

CERTIFICATION:

1. Board Certified Neurological Surgery- American Board of Neurological Surgery (ABNS)
2017-2027

2. Neuro-Endovascular Surgery Subspecialty Certification- Society of Neurological Surgeons (Committee on Advanced Subspecialty Training-CAST) 10/06/2018

3. Gamma Knife Radiosurgery - University of Pittsburgh Medical Center - 2012

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

1. Cerebrovascular Section AANS/CNS
2012-present
2. The Facial Pain Association
Member
2013
3. Senior Member-Society of Neuro-Interventional Surgery (SNIS)
4. Congress of Neurological Surgeons (CNS)
Member
2006
5. American Medical Association (AMA)
Member
2004
6. American College of Surgeons
Member
2004-
7. American Association of Neurological Surgeons (AANS)
Member
2002-
8. Congress of Neurological Surgeons Section on Tumors (CNS)
Member
2002-
9. American Heart Association Scientific Council (Stroke)
Member
2001
10. American Association for the Advancement of 'Science' (AAAS)
Member
2000
11. American Academy of Neurology (AAN)

Member
1998

12. Society for Neuroscience (SFN)
Member
1998

Committee Assignments in professional societies:

1. Sergeant-at-Arms-
Congress of Neurological Surgeons Annual Meeting
2012
2. Marshall-
American Association of Neurological Surgeons Annual Meeting
2011

HONORS AND AWARDS:

A. In Professional Practice:

- 1) Top Doctor Jersey Choice- NJ Monthly 2019
- 2) Preferred Patient Neurosurgeon award-2019
- 3) American Association of Neurological Surgeons / Congress of Neurological Surgeons Joint Cerebrovascular section travelling fellowship grant- Feb 4, 5 2019 Honolulu, HI
- 4) Top Doctor Neurosurgery- Leading physicians of the world. International Association of Healthcare Professionals (IAHCF)
2019, 2018 ,2017, 2013
- 5) Healthgrades Honor Roll
<https://www.healthgrades.com/physician/dr-gaurav-gupta-gg5td>
2019, 2018
- 6) 'Patients Choice Award' - Gaurav Gupta, MD
Vitals.com http://www.vitals.com/doctors/Dr_Gaurav_Gupta_5.html
2014-2019
- 7) 'Compassionate Doctor Recognition Award' Gaurav Gupta, MD.
Vitals.com http://www.vitals.com/doctors/Dr_Gaurav_Gupta_5.html
2014-2019
- 8) 'Chair of Academic Services' 2013 for outstanding services to the organization,

New Jersey American Association of Physicians of Indian Origin (NJ AAPI)-
Award 7th Annual convention of New Jersey Physicians of Indian Origin-Edison,
NJ
Nov 9, 2013

- 9) 'Honor Pin'
City of North Plainfield Fire Department
2013

B. In Residency:

1. Nominated for 'The Golden Apple Award'
Medical students of Univ. of Medicine and Dentistry of New Jersey, New Jersey
Medical School.
2011

C. In Medical School:

1. Salutatorian (2nd of 155)
Univ. of Mysore, JSSMC medical school class
1997
2. Certificate of Merit – Outstanding clinical performance.
Department of Obstetrics and Gynecology
1997
3. Certificate of Merit – Outstanding clinical performance-
Department of Community Medicine (Preventive and Social Medicine)
1996
4. First Class and Distinction
University of Mysore, JSSMC
Jan 1996
5. Best scientific paper award- Knowledge and satisfaction to tubectomy by women
who have undergone tubectomy
Decennary conference of KACH
Department of Psychiatry/Psychology
4/13/1996
6. Honors in Pharmacology
Department of Pharmacology
1995
7. Third Prize- World health day quiz. Target 2000- a world without polio
World Health Day celebrations

4/7/1995

8. Honors/First class in Pathology
Department of Pathology
1995
9. First in Class in ENT
Department of Ear, Nose and Throat (ENT)
1997
10. First in class in Microbiology
Department of Microbiology
1995
11. First Class in Physiology
Department of Physiology
1994
12. Merit Scholarship Tuition Reimbursement
State Bank of India, India
1992 – 1997

AWARDS IN SPORTS/ EXTRA-CURRICULAR ACTIVITIES

1. Second place- Table Tennis (ping pong), Annual sports meet
Univ. of Mysore, JSSMC
1996
2. First Prize- Instrumental Music. Annual College Day celebrations
Univ. of Mysore. JSSMC
3/25/1995
3. First Prize- Instrumental music- Decennary celebrations
Univ. of Mysore, JSSMC
1994
4. Consolation/ 3rd prize. Vocal performance, Annual day-college
Univ. of Mysore, JSSMC
11/6/1992
5. Second place- Relay race 4x100 Annual sports meet
Univ. of Mysore, JSSMC
1992
6. Second place- Table Tennis (ping pong)
Intra-state Annual sports meet
Delhi Public School, R. K. Puram, New Delhi

1988-89

D. In Basic Science Research:

1. 'Top 10 research advances of year -2001' Research on transplantation of neural progenitor cells in stroke American Heart Association
2001.
2. Mordecai Y.T. Globus Young Investigator of the Year award - Research on transplantation of neural progenitor cells in stroke
American Heart Association
2001
3. NRI (Non-Resident Indians) global achievers-Scroll to Dr. Gaurav Gupta
NRI Global achievers list
2001
4. Accuscan travel fellowship award, sponsored by Accuscan Inc.
Society of Neuroscience Conference, New Orleans
11/2000

E. In High School:

1. 'Scholars Badge' in High School, Honors in all subjects
All India Secondary School Examination (High School)
1988-89
2. Merit Scholarship Tuition Reimbursement
State Bank of India
1982 – 1992

BOARDS OF DIRECTORS/TRUSTEES POSITIONS:

Board member- American Pain Association National Cannabis Research
Advisory Board
2018-

Interim President-
Scientific Academic and Research Foundation
2015-16

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

SERVICE ON MAJOR COMMITTEES:

A. International:

1. Co-Chair, American Association of Physicians of Indian Origin (AAPI)
34th Annual Convention, Marriott Marquis Convention Center, New York, NY-
June 30- July 4th, 2016.

B. National:

1. Academic and CME chair-
New Jersey American Association of Physicians of Indian Origin (AAPI)
2013
2. Sergeant-at-Arm
Congress of Neurological Surgeons Annual Meeting
2011
3. Marshall
American Association of Neurological Surgeons Annual meeting
2011 Annual Meeting
2012 Annual Meeting

C. Medical School / University:

Organizing Committee Member-First mid-term CME program
Indian Psychiatric Association- south zone
8/5/1997

Resource Person- AIDS Awareness/AIDS Counsellor. National AIDS Control
Organization
NACO
National Service Scheme
3/1/1998-3/7/1998

D. Hospital Committees:

1. Co-Chair. Biannual RWJ Clinical Neuroscience symposium.
RWJ University Hospital, RWJ Medical School
11/ 22/2014-11/23/2017
2. Neurosurgery- Trauma Liaison
RWJ University Hospital Trauma steering committee. RWJ Level-1 Trauma
Centre-
2014-2016
3. Organizer: New Jersey Brain Aneurysm and AVM support group 5K walk/ IK
mile run:

RWJ University Hospital/ RWJ Medical School
7/20/2014

4. RWJ University OR utilization committee- Neurosurgery liaison
RWJ University Hospital/ RWJ Medical School
2014
5. Steering Committee -Robert Wood Johnson University Hospital Pastoral Care
Committee
RWJ University Hospital/ RWJ Medical School
2013-
6. Steering Committee- RWJ University Hospital Surgical ICU PI committee
RWJ University Hospital/ RWJ Medical School
2013
7. Steering Committee- Health Initiative
Robert Wood Johnson Medical School Global Health Initiative
2013-
8. Steering Committee- Robert Wood Johnson University Hosp Stroke steering
committee
RWJ University Hospital/ RWJ Medical School
2012-

E. Department:

1. Please see under hospital steering committees as above
2. Maintained the neurosurgical computerized patient database including all
surgical cases (1998 – 2011) formed the data base for Residency Review
Assisted Neurosurgery Program Director on Committee Program information file
for the successful Residency Review approval.

F. Editorial Boards:

1. Editorial Board:
International Journal of Surgery
2017
2. Editorial Board:
International Journal of Neurological Disorders and Stroke Journal
2016
3. Associate Editor- (Neurosciences-Neurology and Neurosurgery)
American Association of Physicians of Indian Origin (AAPI) Journal

2015

4. Editorial Board
Austin Journal of Clinical Neurology
2013
5. Editor: Special Neurosurgery issue-
Journal of Surgery and Transplantation Sciences (JSci med central journal)
2013
6. Board Member/Reviewer –
Institutional Review Board (IRB) at UMDNJ University of Medicine and
Dentistry of New Jersey
2004-2011

G. AdHoc Reviewer:

1. Ad hoc reviewer- Neurosurgery (Operative Neurosurgery)
2. Ad hoc Reviewer- Journal of Neuro - Interventional Surgery (JNIS)

SERVICE ON GRADUATE SCHOOL COMMITTEES: N/A

SERVICE ON HOSPITAL COMMITTEES:

1. RWJ Medical School Faculty elected representative: Rutgers RWJ Medical
School Executive Council
RWJ Medical School, New Brunswick, NJ
2016-2018
Re-elected 2018-2020
2. Member-Dean's RWJ Medical School Ambulatory Access & Alignment
Improvement Project
RWJ Medical School, New Brunswick, NJ
2014
3. Co-Chair. Biannual RWJ Clinical Neuroscience symposium.
RWJ university Hospital.
11/ 22/2014 -11/23/2017
4. Dean's Clinical Management Unit (CMU) leader:
Robert Wood Johnson Medical School, New Brunswick, NJ
2014

9. Neurosurgery- Trauma Liaison
RWJ University Hospital Trauma steering committee. RWJ Level-1 Trauma Centre-
2014-2016
10. Organizer: New Jersey Brain Aneurysm and AVM support group 5K walk/ IK mile run:
RWJ University Hospital/ RWJ Medical School
7/20/2014
11. RWJ University OR utilization committee- Neurosurgery liaison
RWJ University Hospital/ RWJ Medical School
2014
5. Steering Committee- Health Initiative
Robert Wood Johnson Medical School Global Health Initiative
2013- present
12. Steering Committee -Robert Wood Johnson University Hospital Pastoral Care Committee
RWJ University Hospital/ RWJ Medical School
2013-present
13. Steering Committee- RWJ University Hospital Surgical ICU PI committee
RWJ University Hospital/ RWJ Medical School
2013
14. Steering Committee- Robert Wood Johnson University Hospital Stroke steering committee
RWJ University Hospital/ RWJ Medical School
2012-Present
6. Member - UMDNJ Committees on Institutional Planning and Development
University of Medicine and Dentistry of New Jersey
2001 – 2012
7. Medical Executive Committee – Resident appointee-
University Hospital, New Jersey Medical School, Newark, NJ
2010 – 2012
8. Board Member/Reviewer –
Institutional Review Board (IRB) at UMDNJ University of Medicine and Dentistry of New Jersey
2004-2011

9. Team member-Neurosurgery team effort for US News and World Report best hospitals edition. Resulted in RWJ Univ. hospital state ranking for neurosurgery to climb from below 50 to # 3 in NJ State for year 2013
10. Started the 'Neurological Disorders in Pregnancy Program' at RWJ University Hospital- April 2013
11. Started the New Jersey Brain Aneurysm and AVM survivors support group- New Jersey Chapter of The Brain Aneurysm foundation (BAF) October 2012 <http://www.bafsupport.org/events/new-jersey-brain-aneurysm-and-avm-support-group-new-brunswick-nj>
12. Designed and implemented 'a blue print for the University hospital of UMDNJ- Newark, New Jersey, USA *emergency/critical care transport routes-UMDNJ*'. The proposed plan was accepted and implemented under the personal supervision of the executive director of the hospital Mr. Steve Mosser in the entire hospital.
13. Maintained the neurosurgical computerized patient database including all surgical cases (1998-2011) formed the database for Residency Review Committee (RRC) Program information file (PIF) for RRC approval.
14. Designed, got approval from various hospital committees and implemented – UMDNJ Neurosurgery computerized admission/post-operative datasets (for JCAHO compliance) and responsible for transitioning neurosurgery to computerized electronic order entry system (CPOE).
15. Designed, got approval from various hospital committees and implemented - Neurosurgery computerized daily Neurosurgery ICU notes- UMDNJ. (For JCAHO compliance)

SERVICE TO THE COMMUNITY:

1. Rutgers Day Brain Surgery on the Streets- Technical Demonstration of brain surgery techniques Rutgers Day Rutgers University, New Brunswick, New Jersey
4/ 27/2019
2. Brain Surgery on the Streets- Technical Demonstration of brain surgery techniques Rutgers Day
Rutgers University, New Brunswick, New Jersey
4/ 29/2017
3. Brain surgeries for/on dummies: Technical Demonstration of brain surgery techniques. Rutgers Day: Rutgers University, New Brunswick,
4/25/2016

4. Brain surgeries for/on dummies: Technical Demonstration of brain surgery techniques. Rutgers Day: Rutgers University, New Brunswick, 4/25/2015
5. Started the New Jersey Brain Aneurysm and AVM survivors support group- New Jersey Chapter of The Brain Aneurysm foundation (BAF) October 2012 <http://www.bafsupport.org/events/new-jersey-brain-aneurysm-and-avm-support-group-new-brunswick-nj> 2012. Meeting Every other month Second Wednesday.
6. Volunteer. Soup kitchen
Missionaries of charity ,65 Jay Street, Newark, New Jersey
11/29/2013
7. Organizer: New Jersey Brain Aneurysm and AVM support group 5K walk/ 1K mile run:
RWJ University Hospital, RWJ Medical School, New Brunswick, New Jersey
9/20/2014

SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE: N/A

SPONSORSHIP OF POSTDOCTORAL FELLOWS: N/A

TEACHING RESPONSIBILITIES:

Responsibilities include teaching

1. Neurosurgery residents Rutgers Robert Wood Johnson medical school(RWJMS).
 - a. Cerebrovascular case conference,
 - b. Neurosurgery morbidity and mortality conference.
 - c. Neurosurgery journal club and other academic training sessions.
2. Medical students Rutgers RWJMS on neurosurgery service
3. Radiology technician staff- RWJ Barnabas Health
4. Nursing staff the basic techniques in endovascular neurosurgery, anatomy of the cerebral vascular system in a form of direct one to one teaching or in a classroom type setting - cerebrovascular case conference, morbidity and mortality conference, journal club and other academic training sessions.

Neurosurgery Residents graduated and current: 2012- present

1. 2013-Krystal Tomei, MD – Currently- Pediatric Neurosurgeon, Case Western Medical Ctr, Cleveland, OH

2. 2013-Antonios Mammis, MD-Currently-Functional Neurosurgeon, Rutgers NJMS, Newark, NJ
3. 2014-Pinakin Jethwa, MD- Currently –Endovascular Neurosurgeon, Private Practice, Atlantic Neurosurgeons, NJ
4. 2014-James Barrese, MD-Currently – Functional Neurosurgeon, Cooper Medical Center, NJ
5. 2015-Rachid Assina, MD- Currently- Spine Neurosurgeon- NJMS, NJ
6. 2016-John Quin, MD- Currently-Spine Neurosurgeon, Texas Medical Center, TX
7. 2017-Brain Fernoltz, MD Currently - Spine Neurosurgeon, Texas Medical Center, TX
8. 2018-Michael Cohen, MD- Attending, Private Practice Maine.
9. 2018-Celina Crisman, MD- Private practice NY
10. 2019-Ahmed Meleis, MD-Neuro-Oncology fellowship, MD Anderson, TX
11. 2019Irene Say, MD- NeuroOnc Cedars Sinai Medical Center, CA
12. 2019-David Slojje, MD-Private Practice Charlottesville VA
13. 2020-Arthur Carminucci, -MD Currently PG7, NJMS/RWJMS Neurosurgery Residency, NJ
14. 2020-Robert Hernandez, MD-Currently PG7, NJMS/RWJMS Neurosurgery Residency, NJ
15. 2021-Yehuda Hirschman, MD-Currently PG7, NJMS/RWJMS Neurosurgery Residency, NJ
16. 2021-Omar Iqbal, MD-Currently PG5, NJMS/RWJMS Neurosurgery Residency, NJ
17. 2022Nitesh Patel, MD-Currently PG5, NJMS/RWJMS Neurosurgery Residency, NJ
18. 2022-Neil Majmundar, MD-Currently PG4, NJMS/RWJMS Neurosurgery Residency, NJ
19. 2023-Blake Taylor, MD PG3, NJMS/RWJMS Neurosurgery Residency, NJ
20. 2023-Amanda Carpenter, MD PG3, NJMS/RWJMS Neurosurgery Residency, NJ

Endovascular Neurosurgery Fellows Trained

1. Pratit Patel, MD Current Neuro-interventional Fellow- Graduates June 2021
2. Mohammed El-Ghanem, MD- Currently Neurointerventional Surgeon- University of Arizona, Tucson, AZ

Student mentoring/ Shadowing Dr. Gupta 2012- present

1. Madeline Lefkowitz Rutgers University- Dept. of Cell Biology and Neuroscience
2. Shailee Sharma Colgate Univ. via Summer Clinical Internship Program 2015
3. Jack Kalin Summer Clinical Internship Program 2015

4. Judy Joseph Rutgers University
5. Shruti Patel Rutgers University
6. Christine Yen Rutgers University
7. Danika Paolo RWJMS class 2017-Current Neurosurgery Res. Univ. Tennessee
8. Rikhil Derashri Rutgers University
9. Shriya Patel Rutgers University
10. Benjamin Pagano RWJMS
11. Sonali Alluri Rutgers University
12. Tahmidul Karim Rutgers University
13. Sanath Shetty Rutgers University
14. Daphney Noel Rutgers Univ. School of Env. & Biol.Sci. Pre-Med., Class of 2016
15. Melissa Coluccio RWJMS Patient Centered Medicine Curriculum
16. Michael Rallo Rutgers University
17. Yash Desai Rutgers University
18. Gaurav Kumar Rutgers University
19. Neha Narayanan Rutgers University
20. Devika Soin Rutgers University
21. Shailee Jain St. Georges University Medical School.
22. Rutmi Goradia Rutgers University
23. Amna Aslam Rutgers University
24. Rajvi Shah Rutgers University
25. Pankti Mashruwala Rutgers University
26. Nana F. Amponsah Rutgers University
27. Janki Brahmhatt Rutgers University
28. Kayla Brunal Rutgers University
29. Jeffrey Cho Rutgers University
30. Fahad Malik, MD Pakistan Medical School
31. Palak Patel- Senior, Major- Biol. Sciences, School of Arts Science Honors Program
32. Laurie Gazzale EMT Instructor
33. Dong Seong C. Kim EMT Town of Highland Parks First Aid Rescue Squad
34. Justin Oh- RWJMS First Year Medical Student MS1
35. Yanick Roman Rutgers University
36. Zinal Chhangawala Rutgers University
37. Sohail Singh Bisht Rutgers University
38. Hetali Mehta Rutgers University
39. Nikita Thakur Rutgers University
40. Neil Bhavsar Rutgers University
41. Juliana Oware Rutgers University
42. Efua H. Bolouvi Rutgers Univ. School of Arts and Sciences- Biology Pre-Med '16
43. Fatima Rizvi Rutgers University
44. Dominic Roskoski Rutgers University
45. Chloe Soukas Rutgers University
46. Syed Z. Saad Rutgers Cell Biology & Neurosci. /Psychology Arts

Science 2015

47. Davison, Daniela EMT Kingwood Twp; Pre-Med Student
48. Bashir, Raahim NYU pre-med program
49. Dev, Bharti Cell Biology and Neuroscience Major, Rutgers Univ.
50. Pandher, Meher Cell Biology and Neuroscience Major, Rutgers University
51. Rupani, Mohd. Pre-Med student, Rutgers Univ.
52. Jiang, Cherry Rutgers Univ.
53. Nyalakonda, Suraj Pre-Med student Rutgers Uni.
54. Garg, Monal Rutgers Univ.
55. Bhaala, Ameron Rutgers Univ.
56. Parayil, Trisha Rutgers Univ.
57. Sakhuja, Ridhima Rutgers Univ.
58. Ramos, Chris Cell Biology and Neuroscience Major, Rutgers Univ.
59. Patel, Keshav Rutgers Honors College of Arts and Sciences
60. Shah, Vrushank Rutgers Univ.
61. Patel, Shriya Rutgers Univ.
62. Patel, Sarthak Rutgers Univ.
63. Desai, Yash Rutgers Univ.
64. Shetty, Sanath Rutgers Univ.
65. Modi, Kinnari Rutgers Univ.
66. Patel, Sarthak Rutgers Univ.
67. Kliment, Todosov Rutgers Univ.
68. Ravi, Sanjana Rutgers Univ.
69. White, Rikelle Rutgers Univ.
70. Yen, Christine Rutgers Univ. Cell Biology and neuroscience
71. Joseph, Judy Rutgers Univ.
72. Karim, Tahmid Rutgers Univ.
73. Shetty, Sanath Rutgers Univ.
74. Karem S. Fady Rutgers Univ. School of Arts and Sciences
75. Amponsah, Nana Pre- Med Rutgers Univ.
76. Giyanani, Nisha Rutgers Univ.

CLINICAL RESPONSIBILITIES:

Includes In-patient care, pre-procedural evaluation, performing endovascular and cerebrovascular neurosurgical procedures and post procedural care, General Neurosurgical procedures/ patient care, ICU care and follow up care.

Ambulatory care- Neurosurgical clinic

Participation on RWJMS and RWJBH hospital standing committees

Director, Cerebrovascular and Endovascular Neurosurgery

Director, New Jersey Brain Aneurysm and AVM Program

Director, Neurological Disorders in Pregnancy Program

GRANT SUPPORT:

1. Phase-3, Multi-centric, Randomized, Double blinded, Placebo Controlled, Parallel group, Efficacy and Safety study comparing EG-1962 to standard of care oral Nimodipine in adults with aneurysmal subarachnoid hemorrhage.

Funding amount: \$25,000
Funding period: 4/8/2017 – 4/30/2022
Sponsor: Edge Therapeutics
PI: Gaurav Gupta, MD
Grant No.: EG-01-1962-03,
Award#: 121813,
Project # 821824

RESEARCH INTERESTS/ACTIVITIES:

1. Cerebral aneurysms
2. Cerebral Arterio-Venous malformations (AVM)
3. Cerebral ischemia.
4. Cerebral vasospasm.
5. Stem Cell/ Neural Progenitor transplantation for cerebral ischemia

Research IRB's

1. Wingspan Stent System with Gateway percutaneous Transluminal Angioplasty (PTA) Balloon Catheter PI- **Gaurav Gupta MD**
Rutgers New Jersey Medical School IRB Protocol #- Pro0120060159 exp. 12/18/19
2. Codman Enterprise™ Vascular Reconstruction Device and Delivery System
PI- **Gaurav Gupta MD**
Rutgers New Jersey Medical School IRB Protocol #- Pro0120070345 exp. 12/27/19
3. Neuroform Stent for Intracranial Aneurysms not Amenable to Standard Endovascular Therapy. PI- **Gaurav Gupta MD.**
Rutgers New Jersey Medical School IRB Protocol #- Pro0120020364 exp. 07/22/19
4. Phase III, Multicenter, randomized, double blinded, placebo – controlled, parallel-group and safety study comparing EG-1962 to standard of care oral nimodipine in adults with aneurysmal subarachnoid hemorrhage-
Site PI-**Gaurav Gupta MD**

Rutgers Robert Wood Johnson Medical School
Protocol # Pro 20160001437 exp 2/12/2019

5. Pulse rider HUD Device for treating brain aneurysms with a wide neck.
PI Gaurav Gupta MD, co-PI Sudipta Roychowdhury
Rutgers Robert Wood Johnson Medical School
IRB Protocol # Pro 20170001232 exp 11/30/2018
6. Determining the efficacy of treatment methods currently employed to treat intracranial vertebral artery dissection. Protocol # Pro 201660001115 Co PI **Gaurav Gupta MD** Co-Investigators Sudipta Roychowdhury, MD Irwin Keller, MD Steven Schonfeld, MD
Co PI-**Gaurav Gupta MD**
IRB Protocol # Pro 201660001115
7. Microvention Low-profile Visualized Intraluminal Support LVIS HUD- **Gaurav Gupta MD** Co-Investigators Sudipta Roychowdhury, MD Irwin Keller, MD Steven Schonfeld, MD Fawaz Al-Mufti md PI. **Gaurav Gupta MD**
IRB Protocol # Pro 20160001464 exp 6/1/2018- Closed
8. Enterprise for stent assisted coiling of brain aneurysms. P.I **Gaurav Gupta, MD**; Co-Investigators Sudipta Roychowdhury, MD Irwin Keller, MD Steven Schonfeld,
P.I Gaurav Gupta, MD;
IRB protocol # 2013002706 expiration- 05/06/2019
9. Endovascular Management of Maxillofacial pseudo aneurysm: **P.I Gaurav Gupta MD**, Irwin Keller MD, Sudipta Roychowdhury MD
P.I Gaurav Gupta MD
IRB Protocol # 20160000210 Closed
10. Does lactate clearance to normal or 10% correlate with outcome in patients post cardiac arrest receiving therapeutic hypothermia? P.I. Jonathan McCoy.
Co-P. I **Gaurav Gupta, MD**
IRB Protocol # 2013003222. Expiration. 12/12/2017- Closed
11. WEAVE™ 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.
Site P.I **Gaurav Gupta,**
IRB Protocol # 2013002939. Expiration - 08/23/2016- closed
12. MISTIE- III - A phase III, randomized, open-label, 500-subject clinical trial of minimally invasive surgery plus rt-PA in the treatment of intracerebral hemorrhage- Rutgers RWJUH Site P.I Igor Rybinnik, MD, Surgical P.I. / co-P.I. **Gaurav Gupta, MD**

IRB Protocol # 2013003483 Expiration - 5/3/2019

13. 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 Noshier, MD Co- P.I. **Gaurav Gupta, MD**, Sudipta Roychowdhury, MD, Sri Hari Sunderajan, MD.
Co- P.I. **Gaurav Gupta, MD**
IRB Protocol # 2013003434 Expiration - 09/29/2015- Closed
14. Neuroform Stent for wide neck brain aneurysm. P.I. **Gaurav Gupta, MD**; Co-Investigators Sudipta Roychowdhury, MD Irwin Keller, MD Steven Schonfeld, MD
P.I. **Gaurav Gupta, MD**
IRB protocol Pro 2013002914 Expiration – 05/06/2019
15. Wingspan intracranial stent for intracranial atherosclerotic disease: P.I. **Gaurav Gupta, MD**; Co-Investigators Sudipta Roychowdhury, MD Irwin Keller, MD.
Site PI P.I. **Gaurav Gupta, MD**
Protocol # 2013002939 Expiration - 05/06/2019
16. Impact of Blood Pressure fluctuations on outcomes of endovascular acute ischemic stroke interventions performed under general anesthesia. PI Chirag Gandhi, MD. Co-investigator Ennis Duffis, **Gaurav Gupta, MD** Vikas Gupta, MD Pinakin Jethwa, MD and Charles Prestigiacomo, MD
Co-PI **Gaurav Gupta, MD**
IRB Protocol # 2012001172 Expiration - 5/22/2013-closed
17. BAT Database: PI James McKinney, MD; Co Investigators **Gaurav Gupta, MD**; Jerry Cheng Nora, Cosgrove John, Kostis, Ugo Paolucci.
Co PI **Gaurav Gupta, MD**
IRB Protocol # 2103002641 Exp. 2015
18. Neuroform Stent for Intracranial Aneurysms not Amendable to Standard Endovascular Therapy - Principal Investigator: Chirag D. Gandhi, M.D. Co-Investigator: Charles J. Prestigiacomo, M.D. **Gaurav Gupta, M.D.** Ennis Duffis, MD Pinakin Jethwa, M.D.
Co PI **Gaurav Gupta, M.D**
IRB Protocol Number: 120020364 Exp 2/23/2012
19. Wingspan Stent System with Gateway Percutaneous Transluminal Angioplasty (PTA) Balloon Catheter -Principal Investigator: Chirag D. Gandhi, M.D. Co-Investigator: Charles J. Prestigiacomo, M.D. **Gaurav Gupta, M.D.** Ennis Duffis, MD Pinakin Jethwa, M.D.
Co PI **Gaurav Gupta, M.D.**
IRB Protocol Number: 120060159 Exp 4/27/2012

20. Humanitarian Use Device: Codman Enterprise Vascular Reconstruction Device and Delivery System -Principal Investigator: Chirag D. Gandhi, M.D. Co-Investigator: Charles J. Prestigiacomo, M.D. **Gaurav Gupta, M.D.** Ennis Duffis, MD Pinakin Jethwa, M.D.
Co PI **Gaurav Gupta, M.D**
IRB Protocol Number: 120070345 Exp 10/19/2011
21. Onyx Liquid Embolic System (Onyx HD 500) Principal Investigator: Chirag D. Gandhi, M.D. Co-Investigator: Charles J. Prestigiacomo, M.D. **Gaurav Gupta, M.D.** Ennis Duffis, MD Pinakin Jethwa, M.D. Co PI **Gaurav Gupta, M.D**
IRB Protocol Number: 0120090227 Exp 6/12/2012
22. A retrospective review of patients of patients with stackable carbon fiber cages for Anterior Thoracolumbar Interbody Fusion. P.I. - Robert Heary MD; **Co-Investigator- Gaurav Gupta MD**, Sanjeev Kumar MD. Rutgers New Jersey Medical School
Co PI **Gaurav Gupta, M.D**
IRB protocol # 0120050145 approved May 2, 2005.
23. A Retrospective Review of Patients Treated with Posterior Cervical Screw Rod Fixation, P.I.- Robert Heary MD, **Co-Investigator-Gaurav Gupta MD Gupta MD**, Sanjeev Kumar: Rutgers New Jersey Medical School
Co PI **Gaurav Gupta, M.D**
IRB protocol # 0120050162, approved May 12th, 2005.
24. A Retrospective Review of Patients Treated with Thoracic Pedicle Screw Instrumentation, P.I. Robert Heary MD, **Co-Investigators-Gaurav Gupta MD**, Sanjeev Kumar MD. Rutgers New Jersey Medical School.
Co PI **Gaurav Gupta, M.D**
IRB protocol number: 0120050160 approved May 12th, 2005.

Institutional Animal Care and Use Committee (IACUC) protocols approved

1. Charles Prestigiacomo MD and **Gaurav Gupta MD**: Rat/ Mouse femoral artery model for vasospasm. Institutional Animal Care and Use Committee (IACUC), New Jersey Medical school, Newark NJ
Co PI **Gaurav Gupta, M.D**
IACUC Protocol # 04088.

PUBLICATIONS:

A. Refereed Original Article in Journal

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14. **Gupta, Gaurav**; Heary, Robert F.; Michaels, Jennifer: Reversal of Longstanding Neurological Deficits After a Late Release of Tethered Spine Cord. Neurosurgical Focus; 2010 Jul;29(1) PMID 20593999 Published as Journal Cover
15. **Gupta, Gaurav**; Chaudhry, Osamah; Prestigiacomo, Charles. On the Surgery of The Seat of The Soul, the Pineal Gland and The History of Surgical Approach. Neurosurgical Clinics of North America, 2011 Jul;22(3):321-22. PMID 21801980
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27. Matthew Parr, B.S. Arthur Carminucci, M.D., Fawaz Al-Mufti, M.D. Sudipta Roychowdhury, M.D., **Gaurav Gupta, M.D** Isolated Abducens Nerve palsy Associated with Ruptured Posterior Inferior Cerebellar Artery Aneurysm: A rare Neurological Finding-. –World Neurosurgery 2019 Jan 121: 97-99 PMID 30266698
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31. Neuro-endovascular cerebral sinus stenting in idiopathic intracranial hypertension. Fawaz Al-Mufti MD ; Krishna Amuluru MD ; Jessy Walia MD ; Vincent Dodson BS ; Ethan Wajswol BS ; Rolla Nuoman MD ; Sudipta Roychowdhury, M.D **Gaurav Gupta, M.D.** Interventional neurology 2019;8:164-171

Papers in works

1. Fareed Jumah MD, Gaurav Gupta MD Anil Nanda, MD- The efficacy and safety of middle meningeal artery embolization in the management of refractory and chronic subdural hematoma: A systematic review and meta-analysis.
2. Nitesh Damodara, MD; Naveed Kamal, MD; Rolla Nuoman, MD; Pratit Patel, MD; **Gaurav Gupta, MD**; Priyank Khandelwal, MD; Krishna Amuluru, MD; Mohammad El-Ghanem, MD; Chirag D. Gandhi, MD; Fawaz Al-Mufti, MD- Body mass index and overall outcome following subarachnoid hemorrhage- an obesity paradox
3. **Gaurav Gupta MD**, Donna A. Eckstein, MD Anthony A. Depalma, MD Stephen J. Sozio, BS, Nancy Prendergast, MD Steven Schonfeld, MD Irwin Keller, MD ,Sudipta Roychowdhury, MD Endovascular Treatment of Intracranial Vertebral Artery Dissection with Stents and Coils
4. Amantadine as a neuro-stimulant in traumatic brain injury with concomitant Parkinson's disease. Crystal, Dustin, Lee James, **Gupta, Gaurav**, Al-Mufti, Fawaz. Submitted to Journal of Intensive care medicine.
5. Microsurgical Jugular Foraminotomy for Jugular bulb stenosis in Vein of Galen Malformation
6. Multi-modality management of Ascending cervical artery traumatic pseudo-aneurysm and Arterio venous fistula.
7. Microvascular decompression of optic nerve from an ectatic ACA and brain aneurysm.
8. Respecting the religious values of a Jehovah's witness during emergency Neurosurgical procedures.
9. Novel Approach to Failed Arterial Embolization of Mandibular Arteriovenous Malformation: Direct Onyx Embolization of the Inferior Alveolar Vein - Stephen

Sozio MBS, Gregory Ngo DO, Peter Girgis MD, Gaurav Gupta MD, Sudipta Roychowdhury, MD

10. G. Gupta MD and Al-Mufti MD - Intrathecal and Intraventricular Nicardipine in Aneurysmal Subarachnoid Hemorrhage.
11. Fareed Jumah, MD; Vinayak Narayan, MD, M.Ch, DNB; Amjad Samara, MD; Travis R Quinoa, MD; Rimal Hanif Dossani, MD; **Gaurav Gupta, MD**; Anil Nanda, MD, MPH, FACS-Efficacy and Safety of Gamma Knife Radiosurgery for Posterior Cranial Fossa Meningioma: A Systematic Review
12. First reported use of Onyx for the treatment of a traumatic middle cerebral artery pseudoaneurysm in a 3-month-old infant - Sabrina Zeller, Neil Majmundar, Sudipta Roychowdhury, **Gaurav Gupta**, Prithvi Narayan
13. Trans-radial artery cerebral tumor embolization.
14. Tom Sullivan, Travis Quinoa, Shradha Suresh, Dr. James Lee, Dr. Gaurav Gupta Implementation of Cavernous Internal Carotid Artery Tortuosity Classification System: Retrospective Case Analysis.
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B. Books, Monographs and Chapters

1. Gupta, Gaurav , James Lee: Bell's Palsy- emedicine(Medscape)
2. **Gupta, Gaurav**, Cusack, Thomas; Nosko, Michael. Intracranial Pressure Monitoring. <https://emedicine.medscape.com/article/1829950-overview>
3. Maniker, Allen, **Gupta, Gaurav** and Guha, Abhijit; Chapter 200; Surgery for Malignant Peripheral Nerve Sheath Tumors; In: Youmans's Neurological Surgery:6th Edition; Ed. Winn MD, H. Richard 2532 – 2536; Elsevier Inc. Philadelphia, PA 2011
4. Liu, James, **Gupta, Gaurav**, Christiano, Lana D and Fukushima, Takanori; Surgery for Jugular Foramen Tumors; Chapter 44 Operative Neurosurgical Techniques, Indication, Methods and Results; In: Schmidek and Sweet 6th Edition; Ed: Quinones-Hinojosa k, Alfredo 529 – 545; Elsevier Inc. Philadelphia, PA 2012
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14. Neil Majmundar MD, Fawaz Al-Mufti MD, Sudipta Roychowdhury MD and **Gaurav Gupta MD** Role of Neurointerventional Techniques in Cervical Trauma- in Cervical trauma- Ed Robert Heary MD Thieme Publishers, NY, NY 2019
15. Narayan V, Hanft S, **Gupta G**, Nanda A. The open microsurgical resection of colloid cysts of third ventricle: Transcallosal approach, In: Colloid cysts of the third ventricle (CCTV), Thieme Medical Publishers, 2019. (In press) [Editors: Dr. Thomas Beaumont- Dept. of Neurosurgery, Washington University of St. Louis, Missouri, USA, Dr. Peter Nakaji- Dept. of Neurosurgery, Barrow Neurological Institute, Phoenix, AZ, USA and Dr. Ralph Dacey- Dept. of Neurosurgery, Washington University of St. Louis, Missouri, USA]

C. Patents Held: N/A

D. Other Articles (Reviews, Editorials, etc.) In Journals; Chapters; Books; other Professional Communications Popular Magazine Articles:

1. Patient thrives after two (ruptured) brain aneurysms- Gaurav Gupta, MD <https://www.mycentraljersey.com/story/life/2018/11/26/patient-thrives-after-two-aneurysms/1946578002/>
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3. Belly Button Brain Surgery- **Gaurav Gupta, MD** and Sudipta Roychowdhury- RWJBH Breakthroughs magazine- Dec 2016
4. Going to Extremes to find cutting-edge help-Pioneering surgeons, researchers bring cutting edge procedures to New Jersey- **Gaurav Gupta, MD** and Sudipta Roychowdhury New Jersey Monthly Magazine Nov 2016
5. Flemington woman survives multiple brain aneurysm with advanced treatment- **Gaurav Gupta, MD** and Sudipta Roychowdhury. <https://www.usatoday.com/story/life/2015/12/07/flemington-woman-survives-multiple-brain-aneurysms/76368480/>
6. Press release: National Brain Injury Awareness Month 'RWJUH experts caution-don't overlook brain injuries- **Gaurav Gupta MD** - March 2013 <http://www.newswise.com/articles/rwjuh-experts-caution-don-t-overlook-brain-injuries>
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E. Abstracts

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20. Rosenbaum, DM, Singh, M, Mannis, A, Malhotra S, **Gupta G** and Rosenbaum PS; Erythropoietin Ameliorates Ischemia-Reperfusion Injury in The Rat Retina: Society for Neuroscience 31st, 2001

21. Feng, Lei, Dumoulin, Charles, DeLaPaz, Robert, Darrow MS, Robert D. Lin, Erwin, Oklu, Rahmi, **Gupta, Gaurav**, Baytion, Michael, Kim BA, Tom, Dashnaw BS, Stephen, Bishop, Paul and Pile-Spellman, John; Trans femoral Catheterization and Intra-Arterial Thrombolysis Under Real-Time Guidance; In: Swine 29th International Stroke Conference, 2004
22. Feng, Lei, Oklu, Rahmi, Lin, Erwin, **Gupta, Gaurav**, Dashnaw BS, Stephen, Baytion Michael, Kim BA, Tom, DeLaPaz, Robert and Pile-Spellman, John; Continuous Monitoring of Stroke Evolution Using Intra-Arterially Injected PWI In an Animal Model; 12th Annual Meeting of the International Society of Magnetic Resonance Imaging in Medicine; 2004
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24. Pile-Spellman, John, Feng, Lei, Lin, Erwin, **Gupta, Gaurav**, Dashnaw BS, Stephen, Zhang Hui, Oklu, Rahmi, Baytion Michael, Kim BA, Tom and Dumoulin Charles: Real-Time MRI Guided Neurovascular Intervention: American Society of Neuroradiology 42nd Annual Meeting, 2004
25. Xavier, AR, Dash, S, **Gupta, G**, Prestigiacomo, C J, Farkas, J; Role of CT Angiography in Selecting Patients with Acute Ischemic Stroke for Intra-arterial Thrombolysis; *American Society for Neuroradiology*, 43rd Annual Meeting 2005.
26. **Gupta, G**, Xavier, AR, Prestigiacomo, CJ; History of The Diagnosis and Treatment of Spinal AVMs: From the First Spinal Myelogram In 1927 To Embolization In 2004; *American Society for Neuroradiology*, 43rd Annual Meeting 2005
27. Feng, Li, Lin, Erwin, Dashnaw, Stephen, Hui Zhang MS, **Gaurav Gupta**, Rahmi Oklu, Baytion, Michael, Kim, BA, Tom and Pile-Spellman, John Neurovascular Intervention under Real-Time MRI Guidance. American Association of Neurological Surgeons annual *meeting* 2006.
28. **Gupta, Gaurav**, Ebersole, Koji and Prestigiacomo, Charles; The Use of Bone Wax in Cranial Surgery Fifty Years Before Horsley; American Association of Neurological Surgeons Annual Meeting 2006
29. **Gupta, Gaurav**, Catrambone, Jeffrey and Cho, Eun-Sook: Myofibroblastoma Presenting as A Mural Nodule in A Cystic Lesion; In the Brain Parenchyma. *FASEB Journal*: 2008 L 22L706.35

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31. Baisre, Ada, Liu, James K. **Gupta, Gaurav**, Crus, Manuel A, Osborne MS, Lisa, Mirani, Neena; Sinonasal Teratocarcinosarcoma With Extensive Intracranial Involvement and Normal Chromosome 12p Status-A Case Report. 86th Annual Meeting of the American Association of Neuropathologist, 2010
32. **Gupta, Gaurav** and Danish, Shabbar F; Laser Interstitial Thermal Therapy Utilizing continuous MRI Based Thermometry for Guidance During Ablation Initial Experience with Intracranial Neoplasms; Congress of Neurological Surgeons Annual Meeting 2011.
33. Internal Maxillary Artery Embolization: Shruti Shah MD, Shaul Cohen MD, Mark Stein MD, Alann Solina MD, Anushree Doshi BA, Daniel Ramos BS, Kang Rah MD, Christine W Hunter MD, **Gaurav Gupta MD**: 67th Post Graduate Assembly in Anesthesiology, New York State Society, December 13-17, 2013, New York, NY
34. S. Sunderajan 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) 54th Annual meeting and symposium. Washington DC April 8th, 2016
35. Dodson V, Majmundar N, El-Ghanem M, Amuluru K, Gupta G, Nuoman R, Wainwright J, Kaur G, Cole C, Santarelli J, Chandy D, Bower C, Gandhi C, Al-Mufti: Intracranial Administration of Nicardipine after aneurysmal subarachnoid hemorrhage- American Association of Neurological Surgeons / Congress of Neurological Surgeons / Cerebrovascular Section 2019 Annual meeting Honolulu, HI Feb 4-5, 2019

F. Reports: N/A

PRESENTATIONS:

A. Scientific (*Basic Science*):

1. Rosenbaum DM, Singh M, Mammis A, Malhotra S, **Gupta Gaurav**, Rosenbaum PS. Erythropoietin ameliorates ischemia-reperfusion injury in the rat retina. *Society for Neuroscience*, 31st Annual meeting, San Diego, Nov 2001.
2. Rosenbaum DM, Singh M, Mammis M, Malhotra S, Savitz. SI, **Gupta Gaurav**, Rosenbaum P. Erythropoietin prevents retinal neuronal cell death following

ischemia-reperfusion injury in the rat. *Annals of Neurology, Volume 50, Issue 3S (p S12-S17) American Neurological Association. 126th Annual Meeting, Chicago Sept 2001.*

3. Rosenbaum DM, Singh M, Savitz S.I., Hoque R, **Gupta Gaurav**, Rosenbaum P.S. Cell specific Caspase expression by different neuronal phenotypes in transient retinal ischemia. *Brain'01 -International Symposium on Cerebral Blood Flow, Metabolism and Function, Taipei, Taiwan. 2001*
4. Rosenbaum DM, Singh M, Savitz S.I., Hoque R, **Gupta Gaurav**, Rosenbaum P.S. Anti-apoptotic and anti-necrotic therapies act synergistically to reduce ischemia-reperfusion injury. *Association for Research in Vision and Ophthalmology, (ARVO) Florida 2001*
5. Singh M, Cohen B, **Gupta Gaurav**, Savitz S.I., Rosenbaum P.S. Rosenbaum DM. TNF super-family mutations confer resistance to retinal ischemia-reperfusion injury. *Association for Research in Vision and Ophthalmology, (ARVO) Florida 2001*
6. **Gupta Gaurav**, Gokhan S, Singh M, Cohen BI, Rosenbaum PS, Ocava LC, Kessler JA, Mehler MF, Rosenbaum DM. Neural progenitor cells proliferate and differentiate when transplanted into ischemic brain or retina. *26th American Heart Association International Stroke Conference 2001.*
7. Cohen BI, Singh M, **Gupta Gaurav**, Savitz SI, Ocava LC, Rosenbaum PS, Rosenbaum DM. Death inducing ligands are critical for the selective vulnerability of the inner retina to transient global ischemia. *26th American Heart Association International Stroke Conference 2001.*
8. **Gupta Gaurav**, Gokhan S, Singh M, Mehler M F and Rosenbaum D M. Neural progenitor cell (NPC) transplantation as a therapy for Cerebral and Retinal Ischemia. *4th Annual Post-doctoral symposium. Belfer Institute for advanced biomedical studies, Albert Einstein College of Medicine, New York December 2000*
9. Rosenbaum DM, **Gupta Gaurav**, Gokhan S, Singh M, Mehler MF. Transplanted embryonic multipotent progenitor cells promote neuronal and glial cell regeneration following cerebral and retinal Ischemia. *Society for Neuroscience, New Orleans November 2000*
10. Savitz S I., Cohen B, Singh M, Rosenbaum P, **Gupta Gaurav**, Israeni N, Kessler J and Rosenbaum D M. The Low Affinity NGF receptor plays a neuroprotective role following ischemia-reperfusion and Excitotoxic injury. *Society for Neuroscience, New Orleans November 2000*
11. Rosenbaum D M, Cohen B, Singh M, **Gupta Gaurav**, Savitz S, Rosenbaum P, Erhardt J and Barone F. TNF α acts as a mediator in retinal ischemia reperfusion

injury. American Neurological Association, *Ann. of Neurol*, 2000, Vol 48 (3) pp 148-148

12. Singh M, **Gupta Gaurav**, Savitz SI, Hoque R, Cohen B, Rosenbaum PS, and Rosenbaum DM. Caspase-2 plays a critical role following Ischemia-reperfusion in the retina. Association for Research in Vision and Ophthalmology, *Invs. Opth. & Vis sci*. Vol 41 (4) pp4053-4053.
13. Rosenbaum DM, **Gupta Gaurav**, Gokhan S, Singh M, Mehler MF. Transplanted embryonic multipotent progenitor cells promote neuronal and glial cell regeneration following transient focal ischemia. American Academy of Neurology –*Neurology*, 2000, Vol 54 (7) pp 455-455.
14. Rosenbaum DM, **Gupta Gaurav**, Gokhan S, Singh M, Kessler JA, Mehler MF. Transient focal ischemia (MCAo) induces de novo neurogenesis in the adult rat brain. *American Heart Association Stroke* 2000, Vol 31(1) p243
15. Singh M, Rosenbaum PS, **Gupta Gaurav**, Goddard JG, Umansky SR, Rosenbaum DM. A novel analog of lysophosphatidic acid protects the retina after brief periods of ischemia. *Society for Neuroscience*, Miami, FL October 1999
16. Rosenbaum D.M., **Gupta Gaurav**, Gokhan S, Singh M, Kessler JA and Mehler MF. Transient focal ischemia in the adult rat brain induces de novo neurogenesis from local neural progenitor species present outside of periventricular generative zones. *Society for Neuroscience*, Miami, FL October 1999
17. Rosenbaum DM, Savitz SI, Anthony JV, **Gupta Gaurav**, Zhang H, Kessler JA. Fas and Fas ligand expression are increased in focal cerebral ischemia. Brain '99-International Symposium on *Cerebral Blood Flow, Metabolism and Function*, Copenhagen, Denmark June 1999

B. Professional (Clinical):

1. **Gaurav Gupta, MD** : Trans-radial artery neuro-interventions -Stanford University Medical center-Department of Neurosurgery-Aug 23, 2019
2. **Gaurav Gupta, MD** : Use of Ultra-sound for Radial artery and Femoral artery access for neuro-interventions - Stanford University Medical center - Department of Neurosurgery Aug 23, 2019
3. **Gaurav Gupta, MD** : Technique, indications, challenges and complications of Trans-radial artery neuro-interventions-Neuro-interventional team- Penumbra Inc. Almeida, CA -Aug 23, 2019
4. 'Listen to the expert: Brain Aneurysm- **Gaurav Gupta, MD**- What's your wrinkle: Dr. Arthur Perry Radio show- WABC 770, New York, NY August 7th,

2019.

5. The value of academic medicine to a state-wide health system- **Gaurav Gupta, MD** - RWJMS Medical executive committee Sept 20th 2018
6. 'Brain- the final frontier'- Neurosurgical treatment of Brain aneurysm and stroke- **Gaurav Gupta, MD** Grand rounds. Jersey City Medical Center, Jersey City, May 16th 2018
7. Neuroanatomy for Neurointerventional procedures- **Gaurav Gupta, MD** Stryker Neurovascular symposium, Hyatt New Brunswick, NJ Dec 16th, 2016.
8. Technological Advancements in the neurosurgical treatment of Brain Aneurysms- Listen to the experts. **Gaurav Gupta, MD** Pfizer Inc. Peapack, New Jersey April 26, 2016
9. S. Sunderajan 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) 54th Annual meeting and symposium. Washington DC April 8th, 2016
10. 'Stroke'- **Gaurav Gupta, MD**. Moderator and presenter- American Association of physicians of Indian Origin Stroke seminar, Hotel Mirage, Edison, New Jersey. March 19,2016
11. Medical ICU care for the patient with Ischemic and Hemorrhagic Stroke: **Gaurav Gupta, MD** MICU Pulmonary and Critical Care fellows lecture series RWJ Medical School, New Jersey Feb 23rd, 2016
12. 'Putting the Care back in Healthcare: Strengthening Humanism in Medicine: Breakthroughs in Neurosurgery'. American Medical Students Association (AMSA-Rutgers) 8th Annual Pre-Health Conference-: **Gaurav Gupta, MD**- Rutgers University- Piscataway, New Jersey. Feb 6, 2016
13. Evidence based Multidisciplinary management of Stroke (Ischemic and Hemorrhagic) at a large academic medical center/ comprehensive stroke center. Neurosurgery Grand Round speaker- **Gaurav Gupta, MD**. RWJ Hamilton grand rounds. RWJ Hamilton, New Jersey. Jan 27, 2016.
14. Listen to the expert: 'Treatment of brain aneurysms'. **Gaurav Gupta, MD**- What's your wrinkle: Dr. Arthur Perry *Radio show*- WABC 770, New York, NY Dec 19th, 2015
15. 'Evidence based practice for acute ischemic stroke'- **Gaurav Gupta, MD**. Stryker Stroke lecture for nurses and Radiology technicians. Hyatt Regency, New Brunswick, NJ Dec 2, 2015.

16. 'Advance Technologies in Acute Stroke Treatment. Neurosurgical treatment of Acute stroke and ruptured brain aneurysm'. *Keynote Speaker: Gaurav Gupta, MD.* RWJ Rahway Annual Neuroscience symposium. Rahway, New Jersey. Oct 22nd, 2015
17. 'Neurosurgical treatment of Acute ischemic stroke and ruptured brain aneurysms'. **Gaurav Gupta, MD.** New Jersey State First Aid Council 86th Annual Convention, Parsippany, New Jersey. Oct 16th, 2015.
18. "Brain - The Final Frontier: Neurosurgical Management of Stroke & Brain Aneurysms. **Gaurav Gupta, MD.** Neurosurgery Grand Rounds. Princeton University Medical Center, Plainsboro, New Jersey. Oct 13th, 2015
19. 'Surgical management of intracerebral hemorrhage and the MISTIE III trial' **Gaurav Gupta, MD.** RWJ Annual Stroke Symposium. RWJ University Hospital, New Brunswick, NJ Oct 2nd, 2015
20. 'TV Show-Advances in the treatment of Stroke. **Gaurav Gupta, MD.** Interviewed on Health program on *TVAsia*. Segment aired on TVAsia July 26th, 2015
21. 'Neurosurgical treatment of acute stroke and brain aneurysms. 2015- how far we have come'. **Gaurav Gupta, MD.** RWJMS Summer Clinical Internship Program (SCIP). RWJMS New Brunswick, NJ June 22, 2015
22. 'Neurosurgical Interventions for acute stroke. EMS Management of Stroke'. **Gaurav Gupta, MD** – RWJ Somerset EMS Department lecture- EMS Week celebrations / lectures. May 19th, 2015
23. 'When to Clip or Coil – Management of aneurysmal SAH'- RWJ Annual Nursing Stroke Symposium. **Gaurav Gupta, MD.** RWJ University Hospital, New Brunswick, NJ May 1st, 2015
24. Brain surgeries for/on dummies: Technical Demonstration of brain surgery techniques. **Gaurav Gupta, MD.** Annual Rutgers Day: Rutgers University, New Brunswick, April 25, 2015
25. 'Stroke treatment for Physician Assistants' – **Gaurav Gupta, MD.** New Jersey State Society of Physicians Assistants (NJSSPA) Annual Symposium. Princeton, New Jersey. March 27, 2015
26. 'Technological Advances in Neurosurgery'. American Medical Students Association (AMSA-Rutgers) 7th Annual Pre-Health Conference-: **Gaurav Gupta, MD-** Rutgers University- Piscataway, New Jersey. Jan 31st, 2015
27. Stroke and Subarachnoid hemorrhage- **Gaurav Gupta, MD-** Biannual Clinical Neuroscience symposium. RWJ university Hospital. Nov 22-23, 2014

28. 'Treatment of Stroke for the primary care MD'- **Gaurav Gupta, MD** American Association of Physicians of Indian Origin (AAPI) Annual Diwali Gala. Newark, New Jersey. Nov 22nd, 2014
29. 'Surgery on the seat of the Soul- The Brain'- **Gaurav Gupta, MD**. RWJ Pastoral Care Committee Resident lecture. November 11th, 2014
30. 'Sub-Arachnoid Hemorrhage for Surgical ICU Fellows- What you need to know'. **Gaurav Gupta, MD**. SICU Fellows lecture series. RWJ Medical School, New Brunswick, NJ: Nov 6th, 2014
31. Neurosurgical treatment of Stroke and ruptured brain aneurysms (subarachnoid hemorrhage)- **Gaurav Gupta, MD** RWJ Hamilton Grand Rounds, Hamilton, New Jersey Nov 1st, 2014
32. Neurosurgical treatment of stroke and brain aneurysms-How far we have come- 2014 and beyond. **Gaurav Gupta, MD**. New Jersey State First Aid Squad (NJSFAC) Annual Conference, New Jersey Oct 9, 2014
33. Advances in surgical treatment of stroke and subarachnoid hemorrhage: **Gaurav Gupta, MD**- RWJ University Hospital Annual Critical Care Nursing Symposium- New Brunswick, NJ June 12, 2014
34. Rutgers Biomedical and Health Sciences Presents "Advances in Neurosurgery and Stroke- How far we have come, 2014 and beyond. **Gaurav Gupta, MD** Rutgers University Alumni Weekend: New Brunswick, NJ May 16, 2014.
<http://www.alumni.rutgers.edu/s/896/2col.aspx?sid=896&gid=1&pgid=5431>
35. Technological advances in the treatment of subarachnoid hemorrhage and ischemic stroke: **Gaurav Gupta, MD**: New Jersey State Society of Physician Assistants (NJSSPA) Annual spring Conference, Princeton, NJ May 16, 2014.
<https://www.njsspa.org/news/details.asp?tid=84&cid=&nid=918&name=REGISTER-TODAY-FOR-THE-NJSSPAS-ANNUAL-SPRING-CONFERENCE->
36. Stroke and Subarachnoid hemorrhage: Surgical Treatments- **Gaurav Gupta, MD** Dept. Of Emergency Medicine, Raritan Bay Medical Centre, Perth Amboy, NJ May 14,2014
37. Brain surgeries for/on dummies: **Gaurav Gupta, MD** Annual Rutgers Day: Rutgers University, New Brunswick, April 26, 2014.
http://www.nj.com/entertainment/index.ssf/2014/04/rutgers_day_2014_neurosurgery_big_ten.html
38. Surgical treatment of stroke- **Gaurav Gupta, MD**: Global Crossroads Seminar for stroke in minorities: Partnership for prevention: (SATHI-South Asian Total Health Initiative)- - Robert Wood Johnson Medical School and University

Hospital, New Brunswick, NJ- April 23,2014
http://rwjms.rutgers.edu/news_publications/news_events/documents/SATHIGlobalHealthApril2014.pdf

39. Neurosurgical advances in the treatment of Subarachnoid hemorrhage and ischemic stroke: **Gaurav Gupta, MD**- Internal Medicine grand rounds- St. Claire's Hospital, Denville, NJ April 22nd, 2014
40. 'Listen to the expert: Brain Aneurysm- **Gaurav Gupta, MD**- What's your wrinkle: Dr. Arthur Perry Radio show- WABC 770, New York, NY April 5th, 2014. [.http://www.wabcradio.com/page.php?page_id=4243](http://www.wabcradio.com/page.php?page_id=4243)
41. 'Neuro-ICU Management of Subarachnoid hemorrhage: Lecture series for surgical-critical care fellows- **Gaurav Gupta, MD** Robert Wood Johnson Medical School, New Brunswick, New Jersey March 13,2014
42. 'Brain aneurysms: Hear from the expert: **Gaurav Gupta, MD** EBC radio 1170 AM, Monmouth junction, NJ March 12,2014
43. 'The human brain and the human mind': **Gaurav Gupta, MD** Didactic lecture for the RWJUH pastoral care residency program: Robert Wood Johnson University Hospital, New Brunswick, NJ Feb 12, 2014
44. 'Neurosurgical Bootcamp for 4th year Medical students: Neurosurgery as a hobby and profession: **Gaurav Gupta, MD** Robert Wood Johnson Medical School, New Brunswick, NJ Feb 10,2014
45. 'Technological Advances in neurosurgery: **Gaurav Gupta, MD** 6th annual Rutgers American Medical Student Association Pre- Health conference- Rutgers University, Piscataway, NJ Feb 1, 2014
<http://amsaconference.webs.com/sessions>
46. 'Choosing a career in medicine- Panel Discussion/ Question and Answer session- **Gaurav Gupta, MD** 6th annual Rutgers American Medical Student Association Pre- Health conference- Rutgers University, Piscataway, NJ Feb 1, 2014
47. 'Management of Intracranial Pressure, **Gaurav Gupta, MD**- Lecture to 3rd year medical students- Robert wood Johnson Medical School, New Brunswick, NJ. Jan 15-2014.
48. 'Management of Complex Neurosurgical Diseases- Stroke and Sub Arachnoid Hemorrhage. **Gaurav Gupta, MD**- Dept. of Internal Medicine Grand Rounds. Rutgers Raritan Bay Medical Centre, Perth Amboy, NJ Jan 14, 2014
49. Internal Maxillary Artery Embolization: Shruti Shah MD, Shaul Cohen MD, Mark Stein MD, Alann Solina MD, Anushree Doshi BA, Daniel Ramos BS, Kang Rah MD, Christine W Hunter MD, **Gaurav Gupta MD**: 67th Post

Graduate Assembly in Anesthesiology, New York State Society, December 13-17, 2013, New York, NY

50. 'Flow Diversion for Aneurysms; What risks are we willing to take- **Gaurav Gupta, MD** 62nd Annual Clinical Symposium- New Jersey Chapter of American College of Surgeons. Woodbridge, NJ Dec 14, 2013. <http://www.nj-cs.org/documents/dec20132.pdf>
51. 'Advances in Neurosurgery: **Gaurav Gupta, MD**- Rutgers University Board of Overseers Meeting- Rutgers- Robert Wood Johnson Medical School, New Brunswick, NJ - Nov 14,2013
52. 'Cerebral Aneurysms in pregnancy- Evidence based nursing practice: **Gaurav Gupta, MD** - Annual Critical Care Obstetrics symposium- Robert Wood Johnson University Hospital Nov 26, 2013
53. 'Neurological Disorders in Pregnancy: **Gaurav Gupta, MD** - Dept. of Obstetrics and Gynecology grand rounds- St. Peters University Hospital November 8, 2013
54. 'Evidence based management of Sub-arachnoid hemorrhage and Brain Aneurysms- **Gaurav Gupta, MD** Advances in stroke care 2013- Stroke conference/ CME course- Robert wood Johnson Medical School and Hospital, New Brunswick, New Jersey Oct. 25, 2013
55. 'Sideline Management of Concussions and Sports Related Injuries'- **Gaurav Gupta, MD** - New Jersey State First Aid Council Annual Convention Symposium and Trade Show- Parsippany, New Jersey Oct 10, 2013
56. 'Surgical Management of Ischemic, hemorrhagic stroke and sub-arachnoid hemorrhage- **Gaurav Gupta, MD** EMS First Aid Squad- Town of Millstone and Franklin Somerset- Oct 8, 2013
57. 'EMS and First aid for stroke and subarachnoid hemorrhage- **Gaurav Gupta, MD**- Edison First Aid Rescue Squad # 1- Edison Township, New Jersey Sept 18, 2013
58. 'You survived a brain aneurysm- a patients guide to brain aneurysms'- **Gaurav Gupta MD** New Jersey Chapter of National Brain aneurysm foundation. Special lecture-September National Brain aneurysm awareness month. New Jersey Brain aneurysm and AVM support group. Sept 4, 2013
59. 'The Brain and the Pineal Gland- Rene Descartes' Seat of the Soul- **Gaurav Gupta MD** Pastoral Care residency program- Rutgers-Robert Wood Johnson University Hospital- August 28, 2013
60. 'EMS care of a stroke patient- **Gaurav Gupta MD** First Annual Barry Criss Memorial EMS lecture series – Town of Highland Park first aid squad. August

28, 2013

61. 'Nursing care of the neurosurgical patient- **Gaurav Gupta MD** Surgery/Neurosurgery ICU neurosciences nursing lecture- Rutgers-Robert Wood Johnson University Hospital- August 28, 2013
62. 'Stroke and Subarachnoid hemorrhage- **Gaurav Gupta MD** North Brunswick EMS squad- Town of North Brunswick, July 10, 2013
63. 'Surviving a residency in Surgery'- **Gaurav Gupta MD** RWJ Medical School Surgery Residency Orientation talk- July 3rd, 2013.
64. 'Diagnosis and Treatment of Stroke **Gaurav Gupta MD** -Millstone EMS rescue squad, Town of Millstone, New Jersey June 12th, 2013
65. 'Simulation in Neurosurgery- **Gaurav Gupta MD** RWJ Simulation in Medicine Week' RWJ University Hospital- June 7th, 2013
66. 'Updates in Neurosurgery'- **Gaurav Gupta MD** RWJ Hamilton Group, RWJ Hamilton, NJ - June 5th, 2013
67. 'ICU Management of Subarachnoid hemorrhage (SAH) **Gaurav Gupta MD** - Surgical ICU fellows lecture series- RWJ Univ. Hospital- May 16th, 2013
68. 'Surgical Treatment of Stroke- **Gaurav Gupta MD** Fire Department and EMS, City of North Plainfield, North Plainfield, NJ May 9th, 2013
69. 'Stroke and Subarachnoid Hemorrhage- **Gaurav Gupta MD** Grand Rounds speaker- RWJ Rahway, Rahway, NJ- May 8th, 2013
70. 'Treatment and Diagnosis of Subarachnoid Hemorrhage (SAH)- **Gaurav Gupta MD** Annual Neuroscience Nursing Symposium- Robert Wood Johnson University Hospital- April 29, 2013
71. 'Combined Cerebrovascular and Endovascular treatment of Brain Aneurysms- **Gaurav Gupta MD** New Jersey Physicians of Indian Origin - Edison, NJ- April 26th, 2013
72. 'Altered mental Status'- 3rd year Medical student lecture- **Gaurav Gupta MD** Robert Wood Johnson Medical School, New Brunswick, NJ- March 6th, 2013
73. 'Technological Advances in Neurosurgery- **Gaurav Gupta MD** American Association of Physicians of Indian Origin (AAPI) Meeting. North Brunswick, NJ Feb 20th, 2013
74. 'Treatment tomorrow- Neurosurgery today and tomorrow- **Gaurav Gupta MD** 'India Health Summit- The Week' *New Delhi, India*- Dec 12, 2012

75. 'Neuro-anatomy and subarachnoid hemorrhage for Surgical ICU nursing staff **Gaurav Gupta MD** - Oct 23-25, 2012
76. 'Faculty, Semi Annual EMS refresher course **Gaurav Gupta MD** (CME credit) Altered Mental Status. RWJ University hospital EMS course, October 19, 2012
77. 'Surgical and Endovascular Management of Aneurysmal Subarachnoid hemorrhage- **Gaurav Gupta MD** Advances in stroke care 2012- Stroke conference/ CME course- Robert wood Johnson Medical School and University Hospital Sept. 28, 2012
78. Course Director - Neurosurgery update for 911 responders and EMS- **Gaurav Gupta MD** Robert Wood Johnson University Hospital Emergency Medical Services, New Brunswick, NJ- Sept. 2012, Feb 2013
79. Brain Trauma- **Gaurav Gupta MD** Lecture to 3rd year medical students- Robert wood Johnson Medical School, New Brunswick, NJ. Sept 3rd. 2012.
80. How to Survive Residency – Things I Wish Someone Told Me When I Started Residency **Gaurav Gupta MD**. Invited by *Dean, Graduate Medical Education, NJMS* for a guest lecture to all incoming Intern class of 600 residents at University of Medicine and Dentistry of NJ, New Jersey Medical School- June 21, 2011
81. Gaurav Gupta MD and Shabbar Danish MD. Laser interstitial thermal therapy utilizing continuous MRI based thermometry for guidance during ablation: Initial experience with intracranial neoplasms: Oral Presentation: 2011 Congress of Neurological Surgeons Annual Meeting, Washington DC, October 2011.
82. Ada Baisre MD, James K. Liu MD, Gaurav Gupta MD, Manuel A. Cruz MA, Lisa Osborne MS, Neena Mirani MD. Sinonasal Teratocarcinoma with extensive intracranial involvement and normal chromosome 12p status-a case report. 86th Annual meeting of the American Association of Neuropathologists, Philadelphia, PA June 2010.
83. Liu JK, Christiano LD, **Gupta Gaurav**, Carmel PW. Surgical nuances for removal of retrochiasmatic craniopharyngiomas using the transbasal subfrontal trans-lamina terminalis approach. 36th *Annual Richard Lende Winter Neurosurgery Conference*, Snowbird, Utah Jan 2010
84. **Gaurav Gupta MD**, Thomas Cusack MD, Chirag Gandhi MD, Peter Carmel MD and Charles Prestigiacomo MD: History of Diagnosis of Spinal Vascular Malformations: From the first description in 1863 to Embolization in 2008. *American Association of Neurological Surgeons* 2009 Annual meeting, San Diego, May 2009.

85. **Gaurav Gupta MD**, Jeffrey Catrambone MD and Eun-Sook Cho M.D. Myofibroblastoma presenting as a mural nodule in a cystic lesion in the Brain parenchyma. *The FASEB Journal*. 2008; 22:706.35.
86. **Gaurav Gupta MD**, Koji Ebersole MD and Charles J. Prestigiacomo MD- The use of bone wax in Cranial Surgery- Fifty years before Horsley- 2006 *American Association of Neurological Surgeons* annual meeting - San Francisco, May 2006.
87. Lei Feng MD, PhD, Erwin Lin MD, Stephen Dashnaw, Hui Zhang MS, **Gaurav Gupta MD**, Rahmi Oklu MD, PhD, Michael Baytion MD, Tom Kim, BA and John Pile-Spellman MD Neurovascular Intervention under Real-Time MRI Guidance. *American Association of Neurological Surgeons annual meeting* Feb 2006.
88. **Gupta Gaurav**, Xavier AR, Prestigiacomo CJ. History of The Diagnosis and Treatment of Spinal AVMs: From the First Spinal Myelogram In 1927 To Embolization In 2004 *American Society for Neuroradiology*, 43rd Annual Meeting- Toronto, CA – May 2005.
89. Near L, Xavier AR, **Gupta Gaurav**, Prestigiacomo CJ, Farkas J. CT Angiography of Spinal Vascular Malformation- *American Society for Neuroradiology*, 43rd Annual Meeting- Toronto, CA – May 2005.
90. Xavier AR, Dash S, **Gupta Gaurav**, Prestigiacomo, C J, Farkas, J. Role of CT Angiography in Selecting Patients with Acute Ischemic Stroke for Intra-arterial Thrombolysis - *American Society for Neuroradiology*, 43rd Annual Meeting- Toronto, CA – May 2005.
91. John Pile-Spellman MD, Lei Feng MD, Erwin Lin MD, **Gaurav Gupta MD**, Stephen Dashnaw, BS, Hui Zhang, Rahmi Oklu MD, Michael Baytion MD, Tom Kim, BA, and Charles Dumoulin MD. Real-Time MRI guided Neurovascular Intervention- 12th Meeting of the *International Society of Magnetic Resonance Imaging in Medicine*: Kyoto, Japan. May 2004.
92. Lei Feng MD, Rahmi Oklu MD, Erwin Lin MD, **Gaurav Gupta MD**, Stephen Dashnaw, BS, Michael Baytion MD, Tom Kim, BA, Robert DeLaPaz MD, and John Pile-Spellman MD. Continuous Monitoring of Stroke Evolution using Intra-arterially injected PWI in an Animal Model. 12th Meeting of the *International Society of Magnetic Resonance Imaging in Medicine*: Kyoto, Japan. May 2004.
93. John Pile-Spellman MD, Lei Feng MD, Erwin Lin MD, **Gaurav Gupta MD**, Stephen Dashnaw, BS, Hui Zhang, Rahmi Oklu MD, Michael Baytion MD, Tom Kim, BA, and Charles Dumoulin MD. Real- Time MRI guided Neurovascular Intervention. *American Society of Neuroradiology*- 42nd Annual meeting – Seattle, WA June 2004.

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