

CURRICULUM VITAE
Nicole R. Gonzales, M.D.
Professor of Neurology
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EDUCATION

- 1990-1994 A.B. Psychology, Princeton University, Princeton, New Jersey
- 1996-2000 M.D., McGovern Medical School, formerly The University of Texas Health Science Center at Houston Medical School (UTHealth), Houston, Texas
- 2000-2001 Intern, Department of Medicine, University of Colorado, Denver, Colorado
- 2001-2003 Resident Physician, Department of Neurology, University of Colorado, Denver, Colorado
2003-2004 Chief Resident, Department of Neurology, University of Colorado, Denver, Colorado
- 2004-2006 Neurovascular Fellow, McGovern Medical School, Houston, Texas

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS

- 2006-2013 Assistant Professor, Department of Neurology, McGovern Medical School at UTHealth
- 2013-2019 Associate Professor, Department of Neurology, McGovern Medical School at UTHealth
- 2014-2017 Stroke Nurse Practitioner Supervisor, McGovern Medical School at UTHealth
- 2019-2020 Professor, Department of Neurology, McGovern Medical School at UTHealth
- 2020 Vice Chair, Diversity and Inclusion, Department of Neurology, McGovern Medical School at UTHealth
- 2021-current Professor, Department of Neurology, University of Colorado Anschutz Medical Campus
- 2021-current Co-Director, Diversity, Equity, and Inclusion, Department of Neurology, University of Colorado Anschutz Medical Campus

HOSPITAL APPOINTMENTS

UCHealth University of Colorado Hospital- Aurora, Colorado

UCHealth Stroke and Brain Aneurysm Center
Neurosciences Center
Anschutz Inpatient Pavilion
Anschutz Inpatient Pavilion 2

Telemedicine Appointments

Greeley Hospital- Greeley, CO
Greeley Freestanding ED- Greeley, CO
Medical Center of the Rockies- Loveland CO
Poudre Valley Hospital- Fort Collins, CO
Harmony Campus- Fort Collins, CO
Long's Peak Hospital- Longmont, CO
Yampa Valley Hospital- Steamboat Springs, CO
Broomfield Hospital- Broomfield, CO
Highlands Ranch Hospital- Highlands Ranch, CO
Ivinson Memorial Hospital- Laramie, WY
Mobile Stroke Unit Transport- Colorado Springs and Aurora, CO
Memorial Hospital North- Colorado Springs, CO
Memorial Central- Colorado Springs, CO
Grandview Hospital- Colorado Springs, CO
Pikes Peak Regional Hospital- Woodland Park, CO
Parkview Medical Center- Pueblo, CO
Pueblo West Hospital- Pueblo, CO
Spanish Peaks Regional Hospital Walsenberg, CO
Mt. San Rafael Hospital- Trinidad, CO
Prowers Medical Center- Lamar, CO
Valley View Hospital Glenwood Springs, CO

HONORS AND AWARDS

1990-1994 Mary Gibbs and Jesse H. Jones Scholarship, Princeton University Scholarship
1998 National Medical Fellow
2004-2008 National Institutes of Health Loan Repayment Award for Clinical Research
2006 Mordecai Y.T. Globus New Investigator Award, American Heart Association/American Stroke Association International Stroke Conference
2009 Young Investigator's Award, University of Texas-Houston
2009 Alpha Omega Alpha, Delta Chapter
2011 Oregon Institute for Patient-Centered Comparative Effectiveness Annual Research Intensive
2011, 2013, Dean's Teaching Excellence Award
2018
2013 AAMC: Minority Faculty Career Development Seminar
2013 American Leadership Forum, Houston/ Gulf Coast Chapter, Class XXXIII
2013, 2014 Texas Rising Stars
2016 Ecuador Neurology Project
2016, 2017, Texas Super Doctors
2018
2017-2018 Academic Medical Department Leadership Course
2021 Diversity Leadership Program, American Academy of Neurology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Local

- 2010-2019 Houston Neurological Society
- 2016 Hispanic American Medical Association of Houston

National

- 2001-present Member, American Academy of Neurology
- 2005-present Member, American Heart Association
- 2008-2015 World Stroke Organization
- 2018-present Society of Vascular and Interventional Neurology

LICENSURE

- 2004-current Texas State Board of Medical Examiners License (M0736)
- 2010-2019 Louisiana State Board of Medical Examiners License (TMED.000010)
- 2020-current Colorado State Board of Medical Examiners License (DR.0065113)
- 2020-current Wyoming State Board of Medicine (13141A)

BOARD CERTIFICATION

- 2005, 2015 American Board of Psychiatry and Neurology (Neurology, 53370)
- 2008, 2015 American Board of Psychiatry and Neurology (Vascular Neurology, 474)

REVIEW AND EDITORIAL WORK

- 2007 Ad Hoc reviewer, Expert Review of Neurotherapeutics
- 2007 Ad Hoc reviewer, Stroke
- 2008 Ad Hoc reviewer, The Lancet
- 2010 Editorial Board, Stroke
- 2017-current Editorial Board, Neurology

SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES

- 2007-2008 KL2-K12 Association for Clinical Research Training (ACRT) Annual Meeting Planning Committee
- 2007-2008 Abstract Grading Subcommittee, AHA International Stroke Conference

- 2008-2012 Assistant to the Treasurer, World Stroke Organization
Ex-Officio member, World Stroke Organization Executive Committee
- 2010 Innovative Adaptation and Dissemination of Agency for Healthcare Research and Quality's (AHRQ) Comparative Effectiveness Research Products (iADAPT) Special Emphasis Panel Peer Review Committee
- 2010-2013 AHA International Stroke Conference Program Committee
Stroke Professional Education Committee
- 2011-current Abstract Grading Subcommittee, American Academy of Neurology
- 2012-2018 Ethnic/Racial Variation in Intracerebral Hemorrhage (ERICH) Steering Committee
- 2014-2017 FDA Peripheral and Central Nervous System Drugs Advisory Committee
- 2015-2018 Abstract Grading Subcommittee, AHA International Stroke Conference
- 2016 ISC 2017 Pre-Conference Symposium Planning Committee
- 2017-2020 Cerebrovascular Disease and Interventional Neurology Topic Co-Chair, AAN Scientific Program
- 2018 Society of Vascular and Interventional Neurology Program Planning Committee
- 2018, 2019 ISC 2019 Pre-Conference Symposium Planning Committee
ISC 2020 Pre-Conference Symposium Planning Committee
- 2018-2020 FDA Advisory Committee of the Neurological Devices Panel
- 2018-current Steering Committee Member, AHA Fellows in Training Program
- 2020-current AHA/ASA Vice-Chair Stroke Early Career Committee
Society of Vascular and Interventional Neurology Diversity, Equity and Inclusion Committee
- 2021-current ASA/AHA Bugher V, Foundation Centers of Excellence in Hemorrhagic Stroke, Oversight Advisory Committee

PROFESSIONAL EXPERIENCE

- 2010-2015 UTHealth Stroke Data Core, Clinical Principal Investigator
- 2019-current Abbott, Inc., Consultant; Projects:
Webinar: Optimizing PFO Management: Lessons from Brain Heart Teams
Inaugural Global Stroke Specialist Medical Advisory Board
Heart Brain Clinic Consultant

SERVICE ON MEDICAL SCHOOL COMMITTEES

- 2007-2019 McGovern Medical School Admissions Committee
- 2014-2017 Neurology Department Diversity Committee, McGovern Medical School

- 2020 Inaugural UTHealth System Task Force for Diversity, Equity, and Inclusion; Chair, Faculty Subcommittee, provided recommendations to the President and Executive committee related to improving diversity, equity and inclusion for UTHealth System Faculty
- 2021 Search Advocate Representative on Neurology Faculty Search Committee

SERVICE ON AFFILIATED HOSPITAL COMMITTEES

- 2017-2018 In-Patient Stroke Committee, Memorial Hermann Hospital System, Houston, Texas
- 2017-2020 TMC Endovascular Oversight Committee, Memorial Hermann Hospital System, Houston, TX

SERVICE TO THE COMMUNITY

- 2006 Edward James Olmos 4th Annual Houston Latino Book and Family Festival
Organized stroke education and screening carotid Doppler for Houston community
- 2007 Grace Community Fellowship Health Fair
Organized stroke education and screening carotid Doppler for Houston community
- 2009 Creston Missionary Baptist Church Annual Health Fair
Stroke education and screening carotid Doppler for Houston community
- 2014-2019 UTHealth Annual Stomp Out Stroke Festival, BP screening and education for Houston
- 2015-2019 EMERGE volunteer
EMERGE prepares high-achieving students from underserved communities to apply, attend, and graduate from top-100 universities that provide highly supportive communities and limited financial burden
- 2016 Doctor’s Day Outreach
Presented medicine as a career to students who are under-represented in medicine
- 2017-2020 Board of Trustees, Cristo Rey Jesuit High School, Houston, TX
- 2021 9Health Fair, Commerce City, CO

TEACHING RESPONSIBILITIES

- 2006-2020 Attending Physician, UT Stroke Service
3-4 MS3 and MS4, 3-4 Neurology Residents, 1 Neurovascular Fellow
3 months/year
- 2006-2020 Neurovascular Fellow Lectures
- 2006-2020 Stroke Randomized Clinical Trials Journal Club Facilitator
Supervised Neurovascular Fellows’ independent work to learn, apply and teach clinical research concepts to their colleagues. We utilized landmark stroke publications to develop lecture material.
- 2006-2020 Neurology Resident Stroke Lectures

- 2007-2012,
2016-2017 Clinical Preceptor for Physical Diagnosis Course for second year medical students
- 2016-2017 Neuroanatomy Clinical Correlation class facilitator
- 2013 Assisted with development of training module for 3rd year Medical Student Neurology Clerkship
- 2021 Attending Physician, CU Neurohospitalist Service

MENTORING ACTIVITIES

- 2006-2020 Provided oversight and training to 1-2 neurovascular fellows per year in methodology of clinical research, supervision of a clinical research project, manuscript writing, and critical evaluation of the literature
- 2006-2015 Organized Shadowing opportunities for high school and college students
- 2012-2014 UT NINDS Summer Research Program, Mentored first year medical students for summer research
- 2014-2017 Provided oversight and training to 1-3 clinical nurse practitioners in the clinical management of stroke patients, UTHealth
- 2015-2016 Provided clinical shadowing opportunity for PhD candidate in the Medical Physics program at UT GSBS
- 2017 Mentor, TRANSCENDS (Training in Research for Academic Neurologists to Sustain Careers and Enhance the Numbers of Diverse Scholars) Scholars program
- 2017 Joint Admission Medical Program (JAMP) Mentor
- 2017-2020 Neurology Resident Mentor, UTHealth
- 2018-2019 Mentor, Post Masters Doctor of Nursing Practice Program
Mentor, Neurology PGY4 (Chief Resident) physician wellness program (Wise and Well)
- 2019-2020 Founder, Women In Stroke local mentor group (WISe), Houston, TX
- 2019-current Mentor, MS4 MD/MPH candidate, prospective educational clinical trial in stroke survivors: Health Education on Information Retention and Behavior Change in Stroke (HERBS);
- 2021-current Neurology Residency Journal Club Faculty Director, University of Colorado

CLINICAL SERVICE RESPONSIBILITIES

- 2006-2020 Primary Stroke Service, one week/month
Memorial Hermann Hospital, Texas Medical Center
- 2015-2019 Platinum Stroke Service, one week/month
Memorial Hermann Hospital, Texas Medical Center

2012-2020 Mischer Neuroscience Telemedicine

2018-2020 Developed Multidisciplinary Heart Brain Clinic, 1/2 day per month
UT Physicians

2021-current Neurohospitalist Service, 20-24 weeks/year
Stroke Fellow Clinic, Heart Brain Clinic, Neurovascular Clinic 1 day/month
University of Colorado Hospital

PAST GRANT SUPPORT

PCORI (Grotta, PI)
Benefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard Management by Emergency Medical Services: The BEST-MSU Study
Blind Adjudicator, Vascular Neurologist
11/1/17-11/1/20
Role: Local Co-I
\$1,652,310

Edwards Life Sciences LLC (Smalling, PI)
Partner 3 Trial: A prospective, Randomized, Controlled, Multi-center Study to Establish the Safety and Effectiveness of the Sapien 3 Transcatheter Heart Valve in Low Risk Patients Requiring Aortic Valve Replacement who have Severe, Calcific, Symptomatic Aortic Stenosis
5/1/2016-5/1/2028
Role: Local Co-I
\$334,042

Abbott (Smalling, PI)
AMPLATZER™ PFO Occluder Post Approval Study
01/10/2018-01/09/2025
Role: Co-I
\$7,600

Huffington Foundation IGNITE Award (Gonzales Co-I, Pritzkow, Co-I)
Developing a Biochemical Test to Differentiate Cerebral Amyloid Angiopathy-Intracerebral Hemorrhage from Hypertensive Hemorrhage
3/1/2019-2/28/2020
Role: Co-PI
\$100,000

Center for Clinical and Translational Sciences
1KL2 RR024149 (Arnett, PI)
NIH/NCRR
07/01/2007 – 06/30/2010
Role: K12 Awardee

American Heart Association Clinical Research Program
MRI evaluation of hematoma resolution as a surrogate marker of clinical outcome in intracerebral hemorrhage (ICH)
07/01/2008-06/30/2010
Role: PI
\$110,000

University of Texas Specialized Program in Acute Stroke
P50-NS044227-05 (Grotta, PI)
NIH/NINDS
09/01/2008 – 08/31/2013
Role: PI for Project 2, Safety of Pioglitazone for Hematoma Resolution In INtraCerebral Hemorrhage (SHRINC)
\$1,162,300

NINDS 1U01NS069763-01 (Woo, PI)
Ethnic/Racial Variation in Intracerebral Hemorrhage (ERICH)
University of Cincinnati
08/01/2010 – 07/31/2013
Role: Local PI
\$1,260,869

NINDS R01 NS38384 (Hobson, PI)
Carotid Revascularization Endarterectomy vs. Stenting Trial (CREST)
University of Medicine and Dentistry of New Jersey
12/16/2001-12/31/2008
Role: Local PI
\$197,502

Aga Medical Corp
RESPECT TRIAL: Randomized Evaluation of Recurrent Stroke, TIA, or Peripheral Embolism Comparing PFO Closure to Establish Current Standard of Care Treatment
12/20/2002 – 12/31/2020
Role: Local Co-PI

Genentech, Inc.
A Phase 3B, Double-Blind, Multicenter Study to Evaluate the Efficacy and Safety of Alteplase in Patients with Mild Stroke: Rapidly Improving Symptoms and Minor Neurologic Deficits (PRISMS)
4/29/15-12/31/18
Role: Local PI
\$14,884

Edwards Life Sciences LLC
The PARTNER II Trial: Placement of Aortic Transcatheter Valves
10/01/11 – 09/30/16
Role: Co-PI
1/1/14-12/15/22
\$26,130

NIH/NINDS U01 NS074425 (Selim, PI)
Futility Study of Deferoxamine Mesylate in Intracerebral Hemorrhage (HI-DEF Trial)
9/1/2012-8/31/2018
Role: Local PI
\$119,343

NINDS U01 NS080168 (Brott, Meschia, Lal, Howard)
Carotid revascularization and medical management for asymptomatic carotid stenosis trial (CREST-2)
3/1/2015 - 2/28/2021

PUBLICATIONS

A. PEER REVIEWED ABSTRACTS, COMPETITIVE

1. Hashem M Shaltoni, Rebecca M Sugg, **Nicole R Gonzales**, John Y Choi, Edwin D Cacayorin, Raymond U Weir, Andrei V Alexandrov, Marc D Malkoff, James C Grotta. TIMI Flow Grade 2b or Higher Predicts Better Outcome After Intra-arterial Thrombolysis. Poster, 30th AHA International Stroke Conference, New Orleans, Louisiana. February 2005
2. **Nicole R Gonzales**, Dawn E. Matherne, Teresa Allison, Marc Ribo, Hashem M. Shaltoni, Rebecca M. Sugg, James C. Grotta. Practical Experience with Off Label use of Recombinant Factor VIIa for Treatment of Acute Intracerebral Hemorrhage. Poster, European Stroke Conference-May 2005, Bologna, Italy
3. **Nicole R Gonzales**, Nichole A Porche, Jenny M Lai, Terry E Rives, James C Grotta, John Y Choi. Videoteleconference Validation of Rehabilitation Scales (VERSES). Poster, American Academy of Neurology- April 2005, Miami, FL
4. HM Shaltoni, AM Khaja, KC Albright, **NR Gonzales**, DE Matherne, E.A. Noser, JC Choi, EJ Paschall, JC Grotta. Treatment of Ischemic Stroke Patients with Hypothermia: Practical Issues. Poster, International Stroke Conference, Kissimmee FL 2006
5. **Nicole R Gonzales**, Karen C Albright, Elizabeth A Noser, Aslam M Khaja, Hashem M Shaltoni, Adam Romman, Neal Zimbaldi, Mary S Baraniuk, Lemuel A Moyé, James C Grotta. 'Mild Stroke' Should Not Exclude Patients from Thrombolytic Therapy. Oral Presentation, International Stroke Conference, Kissimmee FL 2006
6. Aslam M Khaja, Karen C Albright, Andrew D Barreto, Michael T Merrick, Hen Hallevi, Sheryl Martin-Schild, **Nicole R Gonzales**, Kachi Illoh, Raymond U Weir, James C Grotta, Elizabeth Noser. Elderly Patients Do Not Have Poorer Outcomes After Intra-Arterial Thrombolysis for Acute Ischemic Stroke. American Society of Interventional and Therapeutic Neuroradiology (ASITN) 4th Annual Conference, Dana Point, CA 2007
7. Aslam M Khaja, Michael T Merrick, Elizabeth A Noser, Karen C Albright, **Nicole R Gonzales**, Andrew D Barreto, Sheryl Martin-Schild, Hen Hallevi, Kachikwu Illoh, Hashem M Shaltoni, James C Grotta. Development of Orolingual Angioedema in Ischemic Stroke Patients Treated with Intravenous Tissue Plasminogen Activator. Poster, International Stroke Conference, San Francisco, CA 2007
8. Hen Hallevi, Karen C Albright, Sheryl Martin-Schild, Andrew D Barreto, Sean I Savitz, Miguel A Escobar, **Nicole R Gonzales**, Elizabeth A Noser, Kachi Illoh, James C Grotta, The VISTA Investigators. Starting Warfarin After Cardioembolic Stroke: To Bridge or Not To Bridge? Poster, International Stroke Conference, New Orleans, LA 2008
9. Andrew D Barreto, Sheryl Martin-Schild, Hen Hallevi, Miriam M Morales, M. Rick Sline, **Nicole R Gonzales**, Kachi Illoh, James C Grotta, Sean I Savitz. Safety and Early Outcomes of Thrombolysis in Patients Who Wake-up with Stroke. Presented at the International Stroke Conference, New Orleans, LA 2008
10. Aslam M Khaja, Sheryl Martin-Schild, Miriam Morales, Andrew D Barreto, Hen Hallevi, **Nicole R Gonzales**, Kachi Illoh, Elizabeth A Noser, James C Grotta. Intravenous Tissue Plasminogen Activator Use Has a Low Risk of Neurosurgical Intervention. Oral Presentation at the International Stroke Conference, New Orleans, LA 2008
11. Sheryl Martin-Schild, Andrew D Barreto, Hen Hallevi, Aslam M Khaja, Hashem Shaltoni, **Nicole R Gonzales**, Kachi Illoh, Elizabeth A Noser, Jarek Aronowski, Sean I Savitz, James C. Grotta. Feasibility of Caffeinol and Hypothermia for Acute Ischemic Stroke. Oral Presentation at the International Stroke Conference, New Orleans, LA 2008
12. Sheryl Martin Schild, Karen C Albright, Hen Hallevi, Andrew D Barreto, **Nicole R Gonzales**, Aslam M Khaja, Kachi Illoh, Elizabeth A Noser, James C Grotta, Sean I Savitz. Does Study

- Enrollment Delay Treatment with Intravenous Thrombolytics for Acute Ischemic Stroke? Oral Presentation at the International Stroke Conference, New Orleans, LA 2008
13. **Nicole R Gonzales MD**, Heather Hartman PharmD, Hen Halleivi MD, Miriam M Morales MPH; Aslam M Khaja MD, Andrew D Barreto MD, Sheryl Martin-Schild MD PhD, Anitha T Abraham MD, Melvin R. Sline, Sean I Savitz MD, Kachikwu Illoh MD, James C Grotta MD. Impact of Intraventricular t-PA for Intraventricular Hemorrhage. Poster Presentation at XVII European Stroke Conference; Nice, France 2008
 14. Andrew D Barreto, Miriam M Morales, Shuichi Suzuki, Hen Halleivi, Sheryl Martin-Schild, Anitha T Abraham, Rohan Arora, **Nicole R Gonzales**, Kachi Illoh, James C Grotta, Sean I Savitz. Poor Outcome From Hyperglycemia Does Not Result From Lower Recanalization Rates In Intra-arterial Treated Ischemic Stroke Patients. Poster, AHA International Stroke Conference 2009
 15. Anitha T Abraham, Hen Halleivi, Miriam Morales, Andrew Barreto, **Nicole R Gonzales**, Kachikwu Illoh, James C Grotta, Sean I Savitz. Estimating Patients Weight Before IV Tpa: are We Really Carrying That Weight Around? Poster, AHA International Stroke Conference 2009
 16. Vivek Misra; Sheryl Martin-Schild, Hen Halleivi, Miriam M Morales, **Nicole R Gonzales**, Andrew D Barreto, Kachi Illoh, James C Grotta, Sean I Savitz. Cocaine Associated Stroke: Indicators of Outcome and Safety of t-PA. Poster, AHA International Stroke Conference 2009
 17. El Khoury, R., Morales, M. M., Chernyshev, O., Abraham, A., Sline, M. R., Acosta, I., Misra, V., Barreto, A., Savitz, S., Illoh, K., Grotta, J., Gonzales, N. R. (2009). Outcomes of Patients with Malignancy Treated with Thrombolytics. *Neurology*. 72: A69-A69.
 18. Sheryl Martin Schild, Hashem M Shaltoni, Anitha T Abraham, Andrew D Barreto, Hen Halleivi, **Nicole R Gonzales**, Kachi Illoh, Sean I Savitz, James C Grotta. Eptifibatide for Acute and Subacute Large Artery Strokes: Results of a Large Case Series. Poster, AHA International Stroke Conference 2009
 19. Tzu-Ching Wu, Mallikarjunarao Kasam, Hesna Bektas, Hen Halleivi, Vivek Misra, Nusrat Harun, Indrani Acosta, Andrew D. Barreto, **Nicole R. Gonzales**, James C. Grotta, Sean I. Savitz. DVT Prophylaxis With Low Molecular Weight Heparin or Unfractionated Heparin Does Not Increase Hematoma Volume in Patients With Intracerebral Hemorrhage. Oral Presentation, AHA International Stroke Conference 2010.
 20. Vivek Misra, Ramy El Khoury, Indrani Acosta, Anitha Abraham, Oleg Chernyshev, Peng R Chen, Shuichi Suzuki, Nusrat Harun, **Nicole R. Gonzales**, Andrew D Barreto, James C Grotta, Sean I Savitz. Safety of High Doses of Urokinase and Reteplase in Intra-arterial Therapy for Acute Anterior Circulation Ischemic Stroke. Poster, AHA International Stroke Conference 2010
 21. Andrew D Barreto, James C Grotta, **Nicole R Gonzales**, Shuichi Suzuki, Vivek Misra, Digvijaya Navalkele; Rohan Arora; P. Roc Chen, Nusrat Harun, Sean I Savitz. Failure of Mechanical Clot Retrieval to Affect Poor Outcome Associated With Large Thrombus Burden. Poster, AHA International Stroke Conference 2010
 22. Vivek Misra, Ramy El Khoury, Indrani Acosta, Anitha Abraham, Oleg Chernyshev, Peng R Chen, Shuichi Suzuki, Nusrat Harun, **Nicole R Gonzales**, Andrew D Barreto, James C Grotta, Sean I Savitz. Combined Intravenous and Intra-arterial Therapy in Acute Anterior Circulation Stroke: Comparison of IV Bridging Within 3 Hours versus 3–4.5 Hours From Symptom Onset. Poster, AHA International Stroke Conference 2010
 23. **Nicole R Gonzales MD**, Indrani Acosta MD, Nusrat Harun MS, Mallikarjunarao Kasam PhD, M. Rick Sline BS, Vivek Misra MD, Tzu-Ching Wu MD, Andrew Barreto MD, Sean Savitz MD, Nneka Ifejika MD, George Lopez MD, Xiurong Zhao MD, Jarek Aronowski PhD, James C Grotta MD. MRI Evaluation of Intracerebral Hemorrhage. Poster, European Stroke Conference, Barcelona, Spain 2010;
 24. **Nicole R Gonzales MD**, I Acosta MD, L Shen RN, N Harun MS, GR Malik, M Kasam PhD, MR Sline BS, J Shah MD, V Misra MD, AT Abraham MD, T Wu MD, AD Barreto MD, SI Savitz MD, N Ifejika MD, M Hossain PhD, M Rahbar PhD, J Aronowski PhD, X Zhao MD, JC Grotta MD. Safety of Pioglitazone for Hematoma Resolution In Intracerebral Hemorrhage (SHRINC). Ongoing Clinical Trials Poster, AHA International Stroke Conference, San Antonio, TX 2010

25. **Nicole R Gonzales MD**, Indrani Acosta MD, Lenis Sosa RN, Nusrat Harun MS, Mallikarjunarao Kasam PhD, M. Rick Sline BS, Jharna N. Shah MD, Vivek Misra MD, Tzu-Ching Wu MD, Andrew Barreto MD, Sean Savitz MD, Nneka Ifejika MD, George Lopez MD, Xiurong Zhao MD, Jarek Aronowski PhD, James C Grotta MD. MRI Evaluation of Intracerebral Hemorrhage. Oral Presentation, Third International Conference on Intracerebral Hemorrhage Palm Springs, CA; March 2010.
26. **Nicole R Gonzales**, Nusrat Harun, Tzu-Ching Wu, Preeti Sahota, Amrou Sarraj, Ramy El Khoury, William Hicks, Navdeep Sangha, Vivek Misra, George Lopez, Sean I. Savitz, Andrew D. Barreto, James C. Grotta. Intra-Arterial Thrombolysis Demonstrates Better Clinical Outcome than Intra-Arterial Thrombectomy. Poster 259, International Stroke Conference, Los Angeles CA 2011
27. Vivek Misra, Nusrat Harun, Melvin Sline, Andrew D Barreto, George A Lopez, **Nicole R Gonzales**, James C Grotta, Sean I Savitz. Response to Intravenous Thrombolysis for Acute Ischemic Stroke in patients with Reduced Cardiac Ejection Fraction. Poster, International Stroke Conference, LA 2011
28. Tzu-Ching Wu, Mallik Kasam, Divya R Danda, Preeti Sahota, Renganayaki Pandurengan, William Hicks, Andrew D Barreto, **Nicole R Gonzales**, George A Lopez, James C Grotta, Sean I Savitz. Tissue Plasminogen Activator Use May be Associated with Increased Diffusion-Weighted Imaging Lesion Volume in Malignant Middle Cerebral Artery Syndrome. Poster, International Stroke Conference, LA 2011
29. Tzu-Ching Wu, Clark Sitton, Preeti Sahota, Amrou Sarraj, Nusrat Harun, Renganayaki Pandurengan, **Nicole R Gonzales**, Andrew D Barreto, George A Lopez, James C Grotta, Sean I Savitz. Computerized Tomography Perfusion Predictors of Clinical Outcome in Acute Ischemic Stroke Patients Treated with Intravenous Tissue Plasminogen Activator. Poster, International Stroke Conference, LA 2011
30. Amrou Sarraj, Sarah K Medrek, Jeffrey Rhodes, Alexandra Garza, John F Pruit, Rebecca E Martinez, Nusrat Harun, Melvin R Sline, Renganayaki Pandurengan, George Lopez, Andrew Barreto, **Nicole R Gonzales**, James C Grotta, Sean Savitz. Risk of Hemorrhage in patients on Coumadin who are treated with Tissue Plasminogen Activator for Acute Ischemic Stroke. Poster, International Stroke Conference, LA 2011
31. Lenis Sosa, Rebecca E Martinez, Loren Shen, Nusrat Harun, Rick Sline, Navdeep Sangha, Tzu-Ching Wu, Hari Indupuru, Vivek Misra, Amrou Sarraj, Susan Alderman, Mary Jane Hess, Tonita Fontenot, Ramy El Khoury, Mallikarjunarao Kasam, William Hicks, Preeti Sahota, Andrew Barreto, James Grotta, Sean Savitz, George Lopez, **Nicole Gonzales**. Maximizing Subject Follow-Up by Minimizing the Number of Cooks in the Kitchen. Poster, International Stroke Conference, LA 2011
32. Navdeep S Sangha, Renganayaki Pandurengan, Mallikarjunarao Kasam, Tzu-Ching Wu, **Nicole R. Gonzales**, Vivek Misra, James Grotta, Sean Savitz. Infarct Volume of Cerebellar Strokes Predicts Neurosurgical Intervention. Poster, International Stroke Conference, LA 2011
33. Tzu-Ching Wu, Jeanie Choi, Elliot Friedman, William Ashley, Jr., Preeti Sahota, Nusrat Harun, Renganayaki Pandurengan, Navdeep Sangha, **Nicole R Gonzales**, George A Lopez, James C Grotta, Sean I Savitz, Andrew D Barreto. Surgical Variability and Radiological Predictors of Outcome or Reoperation in Patients that Undergo Hemicraniectomy for Malignant Middle Cerebral Artery Infarction. Poster, International Stroke Conference, LA 2011
34. Amrou Sarraj, Sarah K Medrek, Alexandra Garza, John F Pruit, Jeffery Rhodes, Nusrat Harun, Susan Alderman, Melvin R Sline, Renganayaki Pandurengan, Ramy El Khoury, Tzu-Ching Wu, George Lopez, Andrew Barreto, **Nicole R Gonzales**, James C Grotta, Sean Savitz. Delay in Evaluation and Treatment of Posterior Circulation Stroke Compared with Anterior Circulation Stroke. Poster, International Stroke Conference, LA 2011
35. William J Hicks, II, Nusrat Harun, Renganayaki Pandurengan, Tzu-Ching Wu, Vivek Misra, George Lopez, **Nicole R Gonzales**, Andrew D Barreto, James C Grotta, Sean I Savitz. High Incidence of Vascular Risk Factors and Small Vessel Disease in Young Patients with Stroke Vivek Misra, Nusrat Harun, Melvin Sline, Andrew D Barreto, George A Lopez, **Nicole R Gonzales**,

- James C Grotta, Sean I Savitz. Intravenous Thrombolysis for Ischemic Stroke in Patients with ongoing Acute Myocardial Ischemia. Poster, International Stroke Conference, LA 2011
36. Navdeep S Sangha, Farhaan Vahidy, Mallikarjunarao Kasam, Mohammed Rahbar, Bursaw Andrew, Hui Peng, Vivek Misra, Lenis Sosa, Rebecca Martinez, Renga Pandurengan, Jarek Aronowski, Xiurong Zhao, James C Grotta, **Nicole R Gonzales**. Delayed Hematoma Expansion Occurs After ICH: Observations from the Safety of Pioglitazone for Hematoma Resolution in INtraCerebral Hemorrhage (SHRINC) trial. Poster, AHA International Stroke Conference, New Orleans, LA 2012.
 37. Claude Nguyen, Elizabeth Jones, Edward Kuo, Hui Peng, Renga Pandurengan, Osman Mir, Yazan Alderazi, Navdeep Sangha, Vivek Misra, George Lopez, Tzu-Ching Wu, James Grotta, **Nicole Gonzales**. Off-Label Use of IV t-PA May Be Safe In Select Patients. Poster, International Stroke Conference, New Orleans, LA 2012.
 38. Sacha R Masuca, Devsmita S Das, Deji Delano, Malcom Irani, Renga Pandurengan, Andrew D Barreto, Nneka Ifejika-Jones, Vivek Misra, Andrew Bursaw, Hui Peng, Mohammad H Rahbar, Sean I Savitz, James Grotta, **Nicole R Gonzales**. Barriers to Obtaining Informed Consent in Acute Stroke Clinical Trials. Poster, International Stroke Conference, New Orleans, LA 2012.
 39. Sangha N, Irani, M, Peng, H, Rahbar, MH, Martinez, R, Barreto, AD, Savitz, SI, Wu T, Lopez, G, Misra, V, Ifejika N, Grotta, JC, **Gonzales, NR**. Longitudinal assessment of functional outcome in intracerebral hemorrhage. European stroke conference; Lisbon, Portugal. 2012 (Abstract #330).
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59. Doha Ayish, Liang Zhu, **Nicole Gonzales**. Wise and Well: The physical, emotional and social impact of the Stridekick® challenge. Selected as top 3 best posters; presented at The Physician Health and Wellness Exchange, Houston TX 2019.

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65. Muhammad Bilal Tariq, Kathleen Tulod, Anjail Z Sharrief, Abhijeet Dhoble, Sidhanta Gurung, Maria Jamilla Lacap, Richard W Smalling, **Nicole R. Gonzales**. Heart Brain Clinic: Integrated Management of Ischemic Stroke. Poster, International Stroke Conference, 2021
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B. ABSTRACTS, NON-COMPETITIVE

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Transfusion in Patients with Intracerebral Hemorrhage: Observations from the Ethnic/Racial Variations of Intracerebral Hemorrhage Study. *J Stroke Cerebrovasc Dis.* 2017 Sep;26(9):1974-1980.

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Sherman C, Lerario M, Mir S, Im J, Willey JZ, Chiu D, Eishofer M, Miller J, Ornelas D, Rhudy JP, Brown KM, Villareal BM, Gausche-Hill M, Bosson N, Gilbert G, Collins SQ, Silnes K, Volpi J, Misra V, McCarthy J, Flanagan T, Rao CPV, Kass JS, Griffin L, Rangel-Gutierrez N, Lechuga E, Stephenson J, Phan K, Sanders Y, Noser EA, Bowry R. Prospective, Multicenter, Controlled Trial of Mobile Stroke Units. *N Engl J Med*. 2021 Sep 9;385(11):971-981. PMID: 34496173.

D. INVITED ARTICLES

1. **Gonzales NR**, Grotta JC. Alteplase for acute ischemic stroke. *Expert Rev Cardiovasc Ther*. 2006 May;4(3):301-18.
2. Sangha N, **Gonzales NR**. Treatment targets in intracerebral hemorrhage. *Neurotherapeutics*. 2011 Jul;8(3):374-87.
3. Sangha, Navdeep MD, Singh, Maninder MB BS, **Gonzales, Nicole R MD**. Treatment for routine symptomatic carotid bulb atherosclerosis: Carotid endarterectomy is better than stenting. *Neurology@ Clinical Practice*. March 2012; Volume 2(1); p 76–79
4. Grotta, J. C. and **NR Gonzales** (2012). "Frank Michio Yatsu, MD (1932-2012)." *Neurology* 78(24): 1907-1908.
5. **Gonzales NR**. Ongoing clinical trials in intracerebral hemorrhage. *Stroke*. 2013 Jun;44 (6 Suppl 1):S70-3. (*Conference Proceedings*)
6. Bowry R, Navalkele DD, **Gonzales NR**. Blood pressure management in stroke: Five new things. *Neurol Clin Pract*. 2014 Oct;4(5):419-426.
7. Cossey T, **Gonzales NR**. Thrombolysis Related Hemorrhage: Can We Make Thrombolysis Safer? (Editorial) *JAMA Neurol*. 2015 Dec;72(12):1416-8.
8. Hemorrhagic Stroke Academia Industry (HEADS) Roundtable participants. Basic and Translational Research in Intracerebral Hemorrhage: Limitations, Priorities, and Recommendations. *Stroke*. 2018; 49(5):1308-1314. (*Conference Proceedings*)
9. Hemorrhagic Stroke Academia Industry (HEADS) Roundtable Participants. Unmet Needs and Challenges in Clinical Research of Intracerebral Hemorrhage. *Stroke*. 2018 May;49(5):1299-1307. (*Conference Proceedings*)
10. **Gonzales NR**, Reynolds AS. Our patients are dying: Let's pay attention. (Editorial) *Neurology*. 2020 May 12;94(19):813-814. PMID: 32341188
11. Hinson HE, **Gonzales NR**. On increasing the visibility of women and other groups underrepresented in medicine: To be it, you must see it. (Editorial) *Neurology*. 2020 Dec 1;95(22):991-992.

E. BOOK CHAPTERS

1. **Nicole R. Gonzales**, James C Grotta. Thrombolysis in Acute Ischemic Stroke. In Daniel Godoy (Ed.), *Intensive care in neurology and neurosurgery* (pp.705-724). 2013. Torino, Italy: SEEd.
2. **Nicole R. Gonzales**, James C Grotta. (2015). Pharmacologic Modification of Acute Cerebral Ischemia. In James C. Grotta, Gregory W Albers, Joseph P Broderick, Scott E Kasner, Eng H Lo, A David Mendelow, Ralph L Sacco, Lawrence KS Wong (Eds.), *Stroke: Pathophysiology, Diagnosis, and Management* (6th edition, p. 916-936). Elsevier.
3. Adeola Olowu, **Nicole R. Gonzales**. Clinical Trial Design in Subjects with Intracerebral Hemorrhage. In *Intracerebral Hemorrhage Therapeutics: Concepts and Customs* (2018). Ed. Bruce Ovbiagele, Adnan Qureshi. Springer International Publishing.

F. OTHER PROFESSIONAL COMMUNICATIONS

INVITED LECTURES/ PRESENTATIONS

LOCAL

ICH: Size Matters
University of Texas Houston Medical School
Houston, TX; May 2005

Advances in ICH Treatment
1st Annual Frank Yatsu Conference
Houston, TX; Sept 2005

Stroke Prevention
Texas Academy of Family Physicians CME
Primary Care Update, Houston, TX; May 2006

Stroke Treatment in 2006
Stroke Survivor Conference
Houston, TX; April 2006

Vertebro-basilar System, Anatomy and Symptoms
Total Endovascular Carotid 1 Symposium,
Houston, TX; March 2007

Cerebral Venous Thrombosis
University of Texas Houston Medical School
Houston, TX; January 2008

Intracerebral Hemorrhage: Treatment Bound
3rd Annual Frank Yatsu Conference
Houston, TX; April 2009

Gender Disparities in Stroke Care
Memorial Hermann Memorial City CME
Houston TX; May 2010

Demystifying the Clinical Research Process
Good Clinical Practice Training: Investigator IND/IDE
Houston, TX; February 2011

Cardiovascular Surgery Grand Rounds:
Update on Treatment of Acute Stroke
Houston, TX; July 2011

Acute Intervention, not Fibrinolysis, Should Be the Standard of Care for Acute Stroke Therapy:
Not
Concepts in Contemporary Cardiovascular Medicine
Houston, TX; April 2011

Work-Up for Cryptogenic Stroke
Concepts in Contemporary Cardiovascular Medicine
Houston, TX; April 2011

Comparative Effectiveness Research: IV vs. IA Therapy for Acute Ischemic Stroke
5th Annual Frank Yatsu Conference,
Houston, TX; Sept 2011

Stroke Epidemiology
Total Endovascular Symposium
Houston, TX; March 2012

New Oral Anticoagulants for Stroke Prevention
Concepts in Contemporary Cardiovascular Medicine
Houston, TX; May 2012

PFO Closure: Not Ready for Prime Time
Houston Neurological Society
Houston, TX; March 2013

Defining the 'Hub' of a Hub/Spoke System: CSC Community Practice and Research Leadership
1st Annual Society for Vascular and Interventional Neurology (SVIN) sponsored Comprehensive
Stroke Center Workshop
Houston, TX; Oct 2013

School-Based Stroke Education Initiatives for Mexican-Americans
7th Annual Frank Yatsu Conference,
UTHealth, Houston, TX; Nov 2013

Intracerebral Hemorrhage: Overview;
Intracerebral Hemorrhage: Medical and Surgical Management;
Why You SHOULD NOT Use Platelet Transfusion to Manage ICH Patients;
1st Annual Neuro-ICU Symposium, Houston TX; March 2013

Intracerebral Hemorrhage
3rd Annual Neuro-ICU Symposium
Houston, TX March 2014, 2015

Intracerebral Hemorrhage: Surgical and Medical Management
3rd Annual Neuro-ICU Symposium
Houston, TX March 2014, 2015

Beating Stroke with Healthy Habits
16th annual *LATINA Style* Business Series
Houston, TX; June 2014

Delayed hematoma expansion in ICH
Department of Neurology Grand Rounds
UTHealth, Houston, TX; December 2015

Cardiothoracic Surgery Grand Rounds:
Treatment of Acute Ischemic Stroke
UTHealth, Houston, TX; September 2016

Controversies in Stroke Prevention
Department of Internal Medicine Grand Rounds
UTHealth, Houston, TX; June 2016

Intracerebral Hemorrhage and IVH Management Update
5th Annual Neuro ICU Symposium Conference
Houston, TX; March 2017

Controversies in Stroke Prevention
Department of Internal Medicine Grand Rounds
UTHealth, Houston, TX; August 2017

Safety of Pioglitazone for Hematoma Resolution in Intracerebral Hemorrhage (SHRINC) Trial
UTMB Neuroscience Grand Rounds
Galveston, TX; March 2018

Improving Quality of Care at the End of Life
Department of Internal Medicine Grand Rounds
UTHealth, Houston, TX; June 2018

Myths and Facts about Decompressive Hemicraniectomy for Acute Stroke
6th Annual Neuro ICU Symposium Conference
Houston, TX; March 2018

We Need Evidence Based Antiplatelet Therapy of Populations of Patients Based on Randomized
Trials
12th Annual Frank Yatsu Conference
UTHealth, Houston, TX; July 2018

Improving Quality of Care at the End of Life
3rd Annual UTHealth Neurology Update Symposium
Houston, TX; November 2018

Intraventricular tPA Should be Used for Patients with ICH Associated IVH
7th Annual Neuro ICU Symposium
Houston, TX; April 2019

Outsmarting Implicit Bias
Department of Neurology Grand Rounds
UTHealth, Houston, TX; September 2020

REGIONAL

Advanced Concepts in Acute Stroke
Midland TX; April 2009

Optimizing Stroke Outcomes: Practical Aspects of Treatment
McAllen Medical Center CME
McAllen TX; December 2010

The Stroke Patient: Practical Aspects of Evaluation and Management
McAllen Medical Center CME
McAllen TX; December 2011

NATIONAL

The Houston Experience with Off-Label use of rFVIIa for Treatment of Acute ICH.
19th Annual Neurosurgery in the Rockies Conference
Vail, CO; March 2006

Disparities in Stroke Care
CVD & Stroke Symposium CME
Albuquerque NM; December 2010

MRI Evaluation of Intracerebral Hemorrhage
23rd Annual Neurosurgery in the Rockies Conference
Vail CO; February 2010

Advances in Stroke Care 2010: Complex Causes of Stroke and Research Update – Hypothermia
and Stroke
Gwinnett Medical Center
Lawrenceville, GA; November 2010

Stroke Education Implementation among Minorities
9th Annual Utah Stroke Symposium
Salt Lake City, UT; April 2012

Ongoing Clinical Trials In Intracerebral Hemorrhage
Princeton Conference XXVIII
Cincinnati, OH; May 2012

Safety of Pioglitazone for Hematoma Resolution in Intracerebral Hemorrhage (SHRINC) Trial
Department of Neurology Grand Rounds
University of Colorado Anschutz Medical Campus
Aurora, CO; October 2017

Late Hematoma Expansion: Experience from the SHRINC Trial
30th Annual Neurosurgery in the Rockies Conference
Beaver Creek, CO; Feb 2017

An Update On Acute Management For Hemorrhagic Stroke
Society for Vascular and Interventional Neurology (SVIN)
San Diego, CA; Nov 2018

Developing a Biochemical Test to Differentiate Cerebral Amyloid Angiopathy-Intracerebral
Hemorrhage from Hypertensive Hemorrhage
33rd Annual Neurosurgery in the Rockies Conference
Beaver Creek, CO; Feb 2020

Modern Medicine: Management of ICH
Society of Vascular and Interventional Neurology Conference
Phoenix, AZ, Nov 2021

INTERNATIONAL

Kids Identifying and Defeating Stroke: Design and Preliminary Data
9th International Symposium on Thrombolysis and Acute Stroke Therapy; 19th Annual Scientific Meeting of the Hong Kong Neurological Society, Hong Kong, China; December 2006

Natural History of Hematoma Resolution in Intracerebral Hemorrhage
World Stroke Congress
Seoul, South Korea; October 2010

Hypothermia Pathophysiology
AHA International Stroke Conference
State-of-the-Art Stroke Nursing Symposium: Plenary Session
Los Angeles, CA; February 2010

Advances in ICH Treatment
Annual EEG/Epilepsy Symposium in conjunction with the University of Texas Stroke Educational Symposium
Cairo, Egypt; January 2011

Update on Extracranial Carotid Disease
Annual EEG/Epilepsy Symposium in conjunction with the University of Texas Stroke Educational Symposium
Cairo, Egypt; January 2011

Diagnostic Evaluation and Treatment of Ischemic stroke
Ecuador Neurology Project
Guayaquil, Ecuador July 2015

Delayed hematoma expansion in ICH
6th World Intracranial Hemorrhage Conference (WICH)
Baltimore, MD; May 2017

Panel Discussion: Academic & Research: Tips for Advancing Your Career
AHA International Stroke Conference 2021

NON-REFEREED PUBLICATIONS

VIDEOS/ MEDIA

- | | |
|------|---|
| 2014 | Univision, Stroke Education and Treatment |
| 2015 | Body of Experts: Jordan's Story – Stroke at 16
https://memorialhermann.org/patients-visitors/patient-stories/jordan-stroke-at-16 |
| 2016 | FOX 26 News, Stroke Awareness |
| 2020 | Lessons from Brain-Heart Teams
https://www.cryptogenicstroke.com/us/hcp/resources/on-demand-education?utm_source=marketo&utm_medium=email&utm_campaign=pfo-webinar-on-demand-email&utm_term=&utm_content=orjuela-gonzales#optimizing-pfo-management |