

## RAMANJOT S. KANG, MD

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### EDUCATION AND TRAINING

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**Cornell University, Weill Cornell Medical College, New York, NY**

Tri-Institutional Pain Medicine Fellowship

07/01/2022-06/30/2023

NewYork-Presbyterian Hospital/Weill Cornell Medical Center

Memorial Sloan Kettering Cancer Center

Hospital for Special Surgery

**Stony Brook University, Renaissance School of Medicine, Stony Brook, NY**

Anesthesiology Residency

07/01/2018-06/30/2022

**Wright State University Boonshoft School of Medicine, Dayton, OH**

Doctor of Medicine

07/01/2014-05/10/2018

**New York University, New York, NY**

Master of Science in Biology (with Distinction)

09/01/2012-06/30/2014

Bachelor of Arts in Psychology (Honors)

09/01/2008-06/30/2012

### PROFESSIONAL POSITIONS

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**North Texas Orthopedics & Spine Center, Dallas, TX**

Interventional Pain Physician

09/05/2023-Present

**New York-Presbyterian Hospital, New York, NY**

Clinical Fellow in Pain Medicine

07/01/2022-06/30/2023

**Weill Cornell Medicine, New York, NY**

Postdoctoral Clinical Fellow in Pain Medicine

07/01/2022-06/30/2023

**Stony Brook University Hospital, Stony Brook, NY**

Resident in Anesthesiology

07/01/2018-06/30/2022

**Stony Brook University, Renaissance School of Medicine, Stony Brook, NY**

Clinical Assistant Instructor in Anesthesiology

07/01/2018-06/30/2022

### RESEARCH

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**Stony Brook University Renaissance School of Medicine, Stony Brook, NY**

Department of Anesthesiology

2020 - 2022

Advisor: Syed Azim, MD

Investigating the differences between bupivacaine and mepivacaine in spinal anesthesia for total knee arthroplasties.

Department of Anesthesiology

2020 - 2022

Advisors: Tazeen Beg, MD, Sergio D. Bergese, MD

Investigating the clinical features of patients with coronavirus disease (COVID-19) requiring endotracheal tube (ETT) exchange.

Department of Anesthesiology

2020 - 2022

Advisors: Ana Costa, MD, Elliott Bennett-Guerrero, MD

Quality improvement project aimed at enhancing airway management preparedness

during emergency intubations outside of the operating room.

**Weill Cornell Medicine, New York, NY**

Department of Pediatrics, Division of Pediatric Hematology/Oncology 2014 - 2020

Advisor: James B. Bussel, MD

Investigated the development of autoimmune diseases in women with pregnancies affected by fetal-neonatal alloimmune thrombocytopenia (FNAIT).

**Wright State University Boonshoft School of Medicine, Dayton, OH**

Department of Surgery 2014 - 2018

Advisor: A. Peter Ekeh, MD

Examined the clinical utility of cervical magnetic resonance imaging (MRI) in alert trauma patients with persistent neck pain.

**New York University, New York, NY**

Center for Neural Science, Sanes Lab 2008 - 2014

Advisor: Dan H. Sanes, PhD

Studied the development of auditory perception following hearing loss as well as the influence of developmental auditory experience on adult perception and neural encoding.

Department of Psychology, Infant Cognition and Communication Lab 2008 - 2011

Advisor: Athena Vouloumanos, PhD

Examined the linguistic and cognitive abilities of infants; specifically, higher-order speech perception, infant's expectations about speech sounds, and the communicative properties of speech and gestures.

**Northwell Health, New Hyde Park, NY**

Feinstein Institutes for Medical Research 2006 - 2008

Investigated the molecular mechanisms of septic shock, and septic multiple organ injury (MOI).

**PEER REVIEWED JOURNAL ARTICLES/ABSTRACTS**

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**Kang, R.S.\***, Eden, C.\*, & Gulati, A. (In Preparation). Treatment of Abdominal Pain with Peripheral Nerve Stimulation. Neuromodulation. \*denotes equal contribution.

Chojnowski, R., Mavarez-Martinez, A., **Kang, R.S.**, Bergese, S.D. (Submitted). Evaluation of Virtual Interviews for Anesthesiology Residency Program During COVID-19 Pandemic. BMC Medical Education.

Mathew, A., Romeiser, J., **Kang, R.S.**, Bracero, L., Shuaib, K., Xiao, A., Watson, E., Kant, I., Kim, B., Figueroa, C., Alam, S., Costa, A., Gidicsin, C., Bennett-Guerrero, E. (Under Review) Improving Preparation for Floor Intubations: an AIRWAY Quality Improvement Program. Journal for Healthcare Quality.

**Kang, R.S.**, Beg, T., Mavarez-Martinez, A., Punta, C., & Bergese, S.D. (Under Review) Endotracheal Tube Exchange in Ventilated Patients with Coronavirus Disease 2019 (COVID-19).

**Kang, R.S.**, & Bussel, J.B. (Under Review). The Clinical Features of Alloimmune Neutropenia. Haematologica.

**Kang, R.S.**, Ingersol, C.A., Koppoe, N., Herzing, K., & Ekeh, A.P. (Under Review). Clinical Utility of Magnetic Resonance Imaging (MRI) in Cervical Spine Clearance. Journal of Surgical Research.

**Kang, R.S.**, Keefe, P.J., & Bussel, J.B. (Under Review) Fetal-Neonatal Alloimmune Thrombocytopenia (FNAIT) and Autoimmune Diseases. *Transfusion*.

**Kang, R. S.**, Jin, Z., & Gan, T. J. (2022). A novel long-acting local anesthetic - HTX-011 (ZYNRELEF™) for postoperative pain control. *Expert review of clinical pharmacology*, 15(10), 1147–1153.

**Kang, R. S.**, Hutnik, R., Kant, I., Zlatopolsky, A., Brar, C., & Oleszak, S. P. (2022). Retrograde Intubation Over a Flexible Fiber-Optic Bronchoscope. *Anesthesia progress*, 69(1), 42–45.

McCarron, J., Cheema, B., **Kang, R.S.**, Triplett, D., & Agrawal, S. Dieulafoy's Lesion of the Ascending Colon. *American Journal of Gastroenterology*. 2017, Oct; 112(1): S1039.

**Kang, R.S.**, Keefe, P.J., & Bussel, J.B. Development of Autoimmune Diseases in Women with HPA-1a Alloimmunization and Fetal-Neonatal Alloimmune Thrombocytopenia (FNAIT). *Blood*. 2016, Dec; 128(22): 2556.

**Kang, R.S.**, & Bussel, J.B. Clinical Features of Alloimmune Neutropenia: Composite of 2 Case Series and 39 Case Reports. *Blood*. 2015, Dec; 126(23): 4607.

**Kang, R.**, Sarro, E.C., & Sanes, D.H. Auditory training during development mitigates a hearing loss-induced perceptual deficit. *Frontiers in Systems Neuroscience*. 2014, Apr; 8(49): 1-7.

Buran, B.N., Sarro, E.C., Manno, F.A., **Kang, R.**, Caras, M.L., & Sanes, D.H. A sensitive period for the impact of hearing loss on auditory perception. *Journal of Neuroscience*. 2014, Feb; 34(6): 2276-2284.

## PEER REVIEWED BOOK CHAPTERS

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**Kang, R.S.** (In Preparation). Chronic Pain. In Ehrenfeld, J. & Urman, R. (Ed.), *Advanced Anesthesiology Exam Board Review*. Oxford University Press.

Avraham, S., **Kang, R.S.**, & Mathew, A. (Accepted). Chapter 22: Perioperative Management of Patients with Seizure Disorders. Perioperative Management: A Problem-Based Approach. In Richman, D.C. (Ed.), *Perioperative Management*. New York: Springer.

**Kang, R.S.**, & Caldwell, W. (Under Review). Chapter 18: Drug Screens & Medication Monitoring. Fundamental of Practice, Diagnosis & Treatment. In Chien, G.C. (Ed.), *Fundamentals of Practice, Diagnosis & Treatment*. New York: Springer.

**Kang, R.**, Sarro, E.C., Sanes, D.H. (2015). Auditory Training During Development Mitigates a Hearing Loss-Induced Perceptual Deficit. In Jonathan E. Peele and Arthur Wingfield (Ed.), *The Effect of Hearing Loss on Neural Processing* (pp. 135-141). Lausanne: Frontiers in Systems Neuroscience.

## SCIENTIFIC MONOGRAPHS

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**Kang, R.S.**, & Bussel, J.B. (2015). The Diagnosis and Management of Alloimmune Neutropenia [Monograph]. *Weill Cornell Medicine - The Art and Science of Pediatrics*, 13 (1)(19).

## POSTER PRESENTATIONS

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Parkash, A., Eden, C., **Kang, R.S.**, Patel, A., & Gulati, A. (November, 2022). *Treatment of Abdominal Pain with Peripheral Nerve Stimulation*. Poster presented at: ASRA 21st Annual Pain Medicine Meeting; Orlando, FL, USA.

**Kang, R.S.**, Cuenca, J., Landau, D., Schulsinger, D., & Izrailtyan I. (October, 2022). *Anesthetic Management Of A Patient With An Infected Aortic Graft*. Poster presented at: ANESTHESIOLOGY 2022; New Orleans, LA, USA.

Mena, S., **Kang, R.S.**, & Caldwell, W. (October, 2022). *Spinal Cord Stimulation For Sciatic Pain In Seronegative Neuromyelitis Optica Spectrum Disorder*. Poster presented at: ANESTHESIOLOGY 2022; New Orleans, LA, USA.

Elias, M., **Kang, R.S.**, & Kaushal, A. (October, 2022). *Treatment Of Umbilical Hernia Pain With Ultrasound-guided Abdominal Botox Injections*. Poster presented at: ANESTHESIOLOGY 2022; New Orleans, LA, USA.

Mathew, A., Kant, I., Kim, B., **Kang, R.S.**, Bracero, L., Shuaib, K., Figueroa, C., Xiao, A., Watson, E., Alam, S., Gidicsin, G., Romeiser, J., Costa, A., Bennett-Guerrero, E. (May, 2022). *AIRWAY: Improving Preparation For Floor Intubations* Poster presented at: 2022 Dr. Peter S.A. Glass Academic Research Evening, Department of Anesthesiology, Stony Brook University; Stony Brook, NY, USA.

**Kang, R.S.**, Christophides, A., Mena, S., & Tateosian, V. (March, 2022). *Foreign Body Detected During Magnetic Resonance Imaging: A Case Report*. Poster presented at: 2022 IARS Annual Meeting and International Science Symposium (Virtual); Honolulu, HI, USA.

Mena, S., **Kang, R.S.**, & Caldwell, W. (March, 2022). *Spinal Cord Stimulation for Sciatic Pain in Seronegative Neuromyelitis Optica Spectrum Disorder*. Poster presented at: 2022 IARS Annual Meeting and International Science Symposium (Virtual); Honolulu, HI, USA.

**Kang, R.S.**, Shuaib, K., Parikh, S., & Desai, A. (December, 2021). *Epidural Analgesia For Postoperative Pain Control Following Video-assisted Thoracoscopic Surgery*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

**Kang, R.S.**, Mena, S., Nguyen, C., & Kogan, A. (December, 2021). *Peripheral Nerve Catheters for Post-amputation Pain Control*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

**Kang, R.S.**, Alam, S., Bracera, L., Figueroa, C., , Kant, I., Kim, B.S., Mathew, A., Shuaib, K., Watson, E., Xiao, A., Gidicsin, C., Romeiser, J., Costa, A., & Bennett-Guerrero, E. (December, 2021). *AIRWAY: Improving Airway Management Preparedness*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

Shuaib, K., **Kang, R.S.**, & Bennici, L. (December, 2021). *A Pediatric Patient With Erythromelalgia*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

Lin, G., **Kang, R.S.**, Oleszak, S.P. (December, 2021). *Laryngeal Stenosis After Inhalation Injury: Airway Management and a Review of the Literature*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

Mena, S., Cuong, N., **Kang, R.S.**, Oleszak, S. (December, 2021). *The Anticipated Difficult Airway: Tracheal Stenosis After COVID-19 Infection*. Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 75; New York, NY, USA.

**Kang, R.S.**, & Gupta, A. (November, 2021). *Treatment of Phantom Limb Pain: Two Case Studies And Literature Review* Poster presented at: NY NJ Society of Interventional Pain Physicians; Jersey City, NJ, USA.

**Kang, R.S.**, Bracero, L.A., Figueroa, C., Shuaib, K., Watson, E., Xiao, A., Gidicsin, C., Romeiser, J., Costa, A.C., & Bennett-Guerrero, E. (October, 2021). *AIRWAY: Improving Preparation For Floor Intubations*. ANESTHESIOLOGY 2021; San Diego, CA. USA.

**Kang, R.S.,** Nguyen, C.P., & Bennici, L.A. (October, 2021). *Perioperative Management Of Autoimmune Polyglandular Syndrome Type 1*. ANESTHESIOLOGY 2021; San Diego, CA. USA.

**Kang, R.S.,** Taft, A., Wu, D., & Gupta, A.K. (October, 2021). *Airway Management Of A Patient With Zonisamide Induced Toxic Epidermal Necrolysis*. ANESTHESIOLOGY 2021; San Diego, CA, USA.

**Kang, R.S.,** Kim, Y., & Tateosian, V. (October, 2021). *Perioperative Management of a Patient with Heterotaxy Syndrome*. ANESTHESIOLOGY 2021; San Diego, CA, USA.

Shafai, A., Kozlowski, P., **Kang, R.S.,** & Oleszak, S.P. (October, 2021). *Development of Subglottic Stenosis Following Tracheostomy for COVID-19*. ANESTHESIOLOGY 2021; San Diego, CA, USA.

Kim, B.S., **Kang, R.S.,** & Shim, H. (January, 2021). *Treatment of CRPS in the Setting of Newly Diagnosed Breast Cancer* Poster presented at: North American Neuromodulation Society (NANS) 24th Annual Meeting (Virtual); Jacksonville, FL, USA.

**Kang, R.S.,** Kim, B.S., & Gupta, A.K. (December 2020). *Treatment of Phantom Limb Pain: Two Case Studies And Literature Review* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

**Kang, R.S.,** Chojnowski, R., & Oleszak, S.P. (December, 2020). *Development of Subglottic Mass Following Intubation for COVID-19* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

**Kang, R.S.,** Nguyen, C.P., & Gruen, A. (December, 2020). *Airway Management Of A Patient With Anterior Cervical Hematoma* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

**Kang, R.S.,** Beg, T., Mavarez-Martinez, A., Punta, C., & Bergese, S.D. (December, 2020). *Clinical Features of COVID-19 Patients Requiring Endotracheal Tube Exchange* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

Kim, B.S., **Kang, R.S.,** & Caldwell W. (December, 2020). *Spinal Cord Stimulator Trial For Neuropathic Pain Secondary To Chronic GVHD* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

Kant, I., **Kang, R.S.,** Hutnik, R., Zlatopolsky, A., Oleszak, S.P. (December, 2020). *Transnasal and Transoral Retrograde Intubation in Duchenne's Muscular Dystrophy* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 74 (Virtual); New York, NY, USA.

Kim, B.S., **Kang, R.S.,** & Caldwell, W. (November, 2020). *Treatment of Neuropathic Pain Secondary to Chronic Graft-vs-Host Disease with Spinal Cord Stimulator* Poster presented at: ASRA 19th Annual Pain Medicine Meeting (Virtual); Las Vegas, NV, USA.\*

Kant, I., **Kang, R.S.,** Brar, C., & Oleszak, S.P. (October, 2020). *Retrograde Fiberoptic Intubation in a Patient with Duchenne Muscular Dystrophy* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

Figeroa, C., **Kang, R.S.,** & Kaushal, A. (October, 2020). *Hypertonia Observed After Omnipaque Administration* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

Chojnowski, R., **Kang, R.S.,** & Guo, X. (October, 2020). *Emergent Intraoperative Tracheal Resection For Anterior Tracheal Mass With Extended Margins* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

**Kang, R.S.,** Kant, I., Brar, C., & Oleszak, S.P. (October, 2020). *Reversal of Neuromuscular Blockade with Sugammadex in Duchenne Muscular Dystrophy* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

**Kang, R.S.,** Figueroa, C., Chojnowski, R., & Gupta, A.K. (October, 2020). *Complete Resolution of Phantom Limb Pain After Lumbar Sympathetic Block* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

**Kang, R.S.,** Chojnowski, R., & Kowal, R.A. (October, 2020). *Awake Tracheostomy In A Patient With A Supraglottic Mass* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

**Kang, R.S.,** Kowal, R.A., & Schwartz, J.A. (October, 2020). *Anesthetic Management Of A Patient With A Tracheo-innominate Artery Fistula* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

**Kang, R.S.,** Brar, C., & Oleszak, S.P. (October, 2020). *Airway Management Of A Patient With A Multinodular Goiter Causing Tracheal Compression* Poster presented at: ANESTHESIOLOGY 2020 (Virtual); Washington, D.C., USA.

Ericksen W.L., **Kang, R.S.,** Bannazadeh, M., & Izrailtyan, I. (December, 2019). *CO2 Angiography For Thrombectomy In Patient With Anaphylactic Contrast Allergy* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 73; New York, NY, USA.

Shuaib, K.K., **Kang, R.S.,** & Atkinson, D. (December, 2019). *Anesthetic Management of a Pregnant Patient with Renal Failure* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 73; New York, NY, USA.

**Kang, R.S.,** Shuaib, K.K., & Oleszak, S.P. (December, 2019). *Airway Management of a Patient with Ludwig's Angina* Poster presented at: PostGraduate Assembly in Anesthesiology (PGA) 73; New York, NY, USA.

**Kang, R.S.,** Ingersol, C.A., Herzing, K., & Ekeh, A.P. (January, 2018). *Is Magnetic Resonance Imaging for Cervical Spine Clearance After Negative Cervical CT Scan Imaging Justified?* Poster presented at: 13th Annual Academic Surgical Congress (ASC); Jacksonville, FL, USA.

McCarron, J., Cheema, B., **Kang, R.S.,** Triplett, D., & Agrawal, S. (October, 2017). *Dieulafoy's Lesion of the Ascending Colon* Poster presented at: World Congress of Gastroenterology at American College of Gastroenterology (ACG) 2017; Orlando, FL, USA.

McCarron, J., Cheema, B., **Kang, R.S.,** Triplett, D., & Agrawal, S. (October, 2017). *A Rare Case of Lower Gastrointestinal Bleeding: Dieulafoy's Lesion* Poster presented at: 2017 Ohio/Air Force American College of Physicians (ACP) Scientific Meeting; Columbus, OH, USA.

**Kang, R.S.,** Keefe, P.J., & Bussel, J.B. (April, 2017). *Development of Autoimmune Diseases: The Role of Fetal-Neonatal Alloimmune Thrombocytopenia (FNAIT) and Alloimmunization* Poster presented at: Wright State University Ninth Annual Medical Student Research Symposium; Dayton, OH, USA.

**Kang, R.S.,** Keefe, P.J., Bussel, J.B. (December, 2016). *Development of Autoimmune Diseases in Women with HPA-1a Alloimmunization and Fetal-Neonatal Alloimmune Thrombocytopenia (FNAIT)* Poster presented at: American Society of Hematology's 58th Annual Meeting; San Diego, CA, USA.

**Kang, R.S.,** & Bussel, J.B. (December, 2015). *The Diagnosis and Management of Alloimmune Neutropenia* Poster presented at: Weill Cornell Medicine - Pediatric Research Day; New York, NY, USA.

**Kang, R.S.,** Sarro, E.C., & Sanes, D.H. (April, 2015). *The Impact of Conductive Hearing Loss (CHL) on Auditory Perception* Poster presented at: Wright State University Seventh Annual Medical Student Research Symposium; Dayton, OH, USA.

Sarro, E.C., Kotak, V.C., **Kang, R.S.,** & Sanes, D.H. (April, 2015). *Juvenile Auditory Training is Associated with Diminished Cortical Synaptic Inhibition* Poster presented at: New York University Center for Neural Science Symposium; New York, NY, USA.

**Kang, R.S.,** Sarro, E.C., & Sanes, D.H. (September, 2015). *Rescue of Deficits Caused by Conducting Hearing Loss (CHL)* Poster presented at: The Boonshoft School of Medicine Central Research Forum; Dayton, OH, USA.

**Kang, R.,** Sarro, E.C., & Sanes, D.H. (April, 2014). *Rescue of a Hearing Loss Induced Perceptual Deficit* Poster presented at: New York University Department of Biology Annual Symposium; New York, NY, USA.

**Kang, R.,** Sarro, E.C., & Sanes, D.H. (April, 2012). *The effect of early auditory experience on adult auditory perception* Poster presented at: New York University Undergraduate Research Conference; New York, NY, USA.

Buran, B.N., Sarro, E.C., Manno, F.A.M., **Kang, R.,** & Sanes, D.H. (November, 2011). *Moderate hearing loss impairs FM detection in gerbil* Poster presented at: Society for Neuroscience 41st Annual Meeting; Washington, DC, USA.

**Kang, R.,** Sarro, E.C., & Sanes, D.H. (April, 2011). *The effect of early moderate hearing loss on adult auditory perception* Poster presented at: New York University Undergraduate Research Conference; New York, NY, USA.

## ORAL PRESENTATIONS

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**Kang, R.S.** (May, 2023). Cancer Pain Oral Presentation presented at: Weill Cornell Medicine Department of Anesthesiology Grand Rounds; New York, NY, USA.

**Kang, R.S.** (March, 2023). Percutaneous Image-Guided Minimally Invasive Lumbar Decompression (PILD) Oral Presentation presented at: Weill Cornell Medicine Department of Anesthesiology Grand Rounds; New York, NY, USA.

**Kang, R.S.** (February, 2023). Cordotomy for Treating Cancer Pain: A Case Presentation Oral Presentation presented at: Memorial Sloan Kettering Department of Anesthesiology & Critical Care Medicine Collaborative Pain Conference; New York, NY, USA.

**Kang, R.S.** (February, 2023). Effect of Spinal Cord Burst Stimulation vs Placebo Stimulation on Disability in Patients With Chronic Radicular Pain After Lumbar Spine Surgery A Randomized Clinical Trial by Hara et al Oral Presentation presented at: Hospital for Special Surgery Department of Anesthesiology, Critical Care & Pain Management Journal Club; New York, NY, USA.

**Kang, R.S.** (January, 2023). Cryoneurolysis in Acute and Chronic Pain Management Oral Presentation presented at: Memorial Sloan Kettering Department of Anesthesiology & Critical Care Medicine Cancer Pain Rounds; New York, NY, USA.

**Kang, R.S.** (January, 2023). A Case of a Ventral Intrathecal Pump Catheter Oral Presentation presented at: Memorial Sloan Kettering Department of Anesthesiology & Critical Care Medicine Collaborative Pain Conference; New York, NY, USA.

**Kang, R.S.** (January, 2023). Neurolysis: Cryoneurolysis, Radiofrequency, and Chemical Oral Presentation presented at: Weill Cornell Medicine Department of Anesthesiology Grand Rounds; New York, NY, USA.

**Kang, R.S.** (December, 2022). Neuropathic Pain Pathways, Diagnosis & Management Oral Presentation presented at: Weill Cornell Medicine Department of Anesthesiology Grand Rounds; New York, NY, USA.

**Kang, R.S.** (September, 2022). Interventional Pain Options for Treatment of Refractory Chemotherapy-induced Peripheral Neuropathy (CIPN) Oral Presentation presented at: Memorial Sloan Kettering Department of Anesthesiology & Critical Care Medicine Cancer Pain Rounds; New York, NY, USA.

Xiao, A., Mathew, A., Kant, I., Kim, B., **Kang, R.S.**, Bracero, L., Shuaib, K., Figueroa, C., Watson, E., Alam, S., Gidicsin, G., Romeiser, J., Costa, A., Bennett-Guerrero, E. (June, 2021). *AIRWAY: Improving Preparation For Floor Intubations* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Grand Rounds; Stony Brook, NY, USA.

**Kang, R.S.** (May, 2022). *Diagnosis and Management of Lumbar Spinal Stenosis* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Division of Chronic Pain Journal Club; Stony Brook, NY, USA.

**Kang, R.S.**, & Cuong N. (January, 2022). *Board Certification and the Value of Maintenance of Certification (MOC)* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Grand Rounds; Stony Brook, NY, USA.

**Kang, R.S.**, Bracero, L.A., Figueroa, C., Shuaib, K., Watson, E., Xiao, A., Gidicsin, C., Romeiser, J., Costa, A.C., & Bennett-Guerrero, E. (September, 2021). *AIRWAY: Improving Preparation For Floor Intubations* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Grand Rounds; Stony Brook, NY, USA.

**Kang, R.S.** (December, 2020). *Minimally Invasive Treatment of Lumbar Spinal Stenosis: A Review of the Literature* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Division of Chronic Pain Journal Club; Stony Brook, NY, USA.

**Kang, R.S.**, Kowal, R.A., & Schwartz, J.A. (September, 2020). *Anesthetic Management Of A Patient With a Tracheo-innominate Artery Fistula* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Grand Rounds; Stony Brook, NY, USA.

Figueroa, C., **Kang, R.S.**, & Kaushal, A. (September, 2020). *Lower Extremity Hypertonia Observed After Omnipaque Administration* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Grand Rounds; Stony Brook, NY, USA.

**Kang, R.S.** (September, 2020). *Management of Difficult Tracheal Intubation: A Closed Claims Analysis by Joffe et al.* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Journal Club; Stony Brook, NY, USA.

**Kang, R.S.** (March, 2020). *Minimally Invasive Lumbar Decompression and Interspinous Process Device for the Management of Symptomatic Lumbar Spinal Stenosis: a Literature Review by Merkow et al.* Oral Presentation presented at: Stony Brook University Department of Anesthesiology Division of Chronic Pain Journal Club; Stony Brook, NY, USA.

**Kang, R.S.**, Ingersol, C.A., Koppoe, N.A., Herzing, K., & Ekeh, A.P. (April, 2018). *The Role of Magnetic Resonance Imaging in Cervical Spine Clearance of Trauma Patients* Oral Presentation presented at: Wright State University Boonshoft School of Medicine Tenth Annual Medical Student Research Symposium; Dayton, OH, USA.

**Kang, R.S.**, Ingersol, C.A., Koppoe, N.A., Herzing, K., & Ekeh, A.P. (January, 2018). *Is Magnetic Resonance Imaging for Cervical Spine Clearance After Negative Cervical CT Scan Imaging Justified?* Oral Presentation presented at: 13th Annual Academic Surgical Congress (ASC); Jacksonville, FL, USA.



**Kang, R.S.,** McConnell, L.M., & Conway, K. (February, 2017). *Managing Primary Care Patients with Chronic Pain* Oral Presentation presented at: Wright State University Boonshoft School of Medicine - Department of Family Medicine Research Symposium; Dayton, OH, USA.

**Kang, R.S.,** Keefe, P.J., & Bussel, J.B. (December, 2016). *Autoimmune Diseases in Women with Pregnancies Affected by Fetal-Neonatal Alloimmune Thrombocytopenia (FNAIT)* Oral Presentation presented at: American Society of Hematology's 58th Annual Meeting - Promoting Minorities in Hematology Presentations and Reception; San Diego, CA, USA.

**Kang, R.S.,** Ingersol, C.A., Matrk, L. (October, 2016). *Spontaneous Fracture of the Thyroid Cartilage after Sneezing* Oral Presentation presented at: The Ohio State University Department of Otolaryngology - Head and Neck Surgery Research Symposium; Columbus, OH, USA.

**Kang, R.S.,** Blank, A., Gage, M., & Rapp, T.B. (July, 2015). *Lipoma Arborescens: A Case Report and Literature Review* Oral Presentation presented at: New York University Hospital for Joint Diseases Summer Symposium; New York, NY, USA.

Sanes, D.H., Kotak, V.K., Takesian, A.E., Buran, B.N., Sarro, E.C., Manno, F.A.M., **Kang, R.,** & Rosen, M.J. (July, 2011). *Loss and Rescue of Cortical Inhibition Following Early Hearing Loss* Oral Presentation presented at: Conference on Implantable Auditory Prostheses; Pacific Grove, CA, USA.

**Kang, R.S.,** & Vouloumanos, A. (June, 2011). *Infant Use of Featural Cues to Identify Sources of Vocalizations at Five-Months* Oral Presentation presented at: New York University Department of Psychology Research Symposium; New York, NY, USA.

**Kang, R.S.,** Ye, X., & Liu, S.F. (August, 2008). *Mapping the Molecular Mechanisms of Septic Shock: Current Understandings and Future Directions* Oral Presentation presented at: Feinstein Institute for Medical Research Summer Symposium; New Hyde Park, NY, USA.

## NON PEER REVIEWED ONLINE PUBLICATION

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**Kang, R.S.** (2022, November XX). How would you manage the airway?

**Kang, R.S.** (2022, September 20). What Is The Most Likely Cause For This Finding?  
<https://www.doximity.com/newsfeed/9854de1a-5514-4a31-8b26-a0be5d739c28> Pub Status: Published.

**Kang, R.S.** (2012, November 16). Hearing Aids vs. Eyeglasses: The Adoption Problem.  
<https://www.audicus.com/hearing-aids-vs-eyeglasses-the-adoption-problem/>, Pub Status: Published.

**Kang, R.S.** (2012, November 16). Prices of Hearing Aids vs. Consumer Electronics.  
<https://www.audicus.com/hearing-aid-prices-a-comparison/>, Pub Status: Published.

**Kang, R.S.** (2012, August 30). 13 Sounds You'll Miss First With Hearing Loss.  
<https://www.audicus.com/hearing-loss-13-sounds-you-will-miss-first/>, Pub Status: Published.

**Kang, R.S.** (2012, August 27). 9 Things You Didn't Know About Your Ears.  
<https://www.audicus.com/facts-about-hearing-you-may-not-know/>, Pub Status: Published.

**Kang, R.S.** (2012, August 17). Beyond Hearing Aids: Where is the Cure for Hearing Loss?  
<https://www.audicus.com/beyond-hearing-aids-where-is-the-cure-for-hearing-loss/>, Pub Status: Published.

## COMMITTEE APPOINTMENTS

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### **North American Neuromodulation Society (NANS)**

Early Career Liason, Resident Fellow Section and Young Neuromodulators Committee 2023 - Present

### **American Academy of Pain Medicine (AAPM)**

Education Committee 2023 - Present

Scientific Review Committee 2023 - Present

### **American Society of Regional Anesthesia and Pain Medicine (ASRA Pain Medicine)**

Member-at-Large, Pain Abstract Review Subcommittee 2023 - Present

Webcast Co-Liaison, Resident and Medical Student Pain Education SIG 2022 - 2023

Abstract Reviewer, Research Committee 2022 - 2023

Ad Hoc Member, Pain Abstract Review Subcommittee 2022 - 2023

### **Stony Brook University Renaissance School of Medicine, Stony Brook, NY**

Sharps Injury Prevention Committee, Department of Anesthesiology 2020 - 2022

Resident Recruitment Committee, Department of Anesthesiology 2020 - 2022

Patient Safety Resident Council, Graduate Medical Education 2020 - 2022

Inclusion and Diversity Committee, Graduate Medical Education 2020 - 2022

Trainee Support Subcommittee, Graduate Medical Education 2020 - 2022

SleepTalker Editorial Board, Department of Anesthesiology 2019 - 2022

### **The New York State Society of Anesthesiologist (NYSSA)**

Committee on Scientific Panels 2022 - 2023

PGA Young Investigator Research Contest Committee 2022 - 2023

Pain Management Committee 2019 - 2023

### **New York University, New York, NY**

Torchbearer Alumni Committee 2018 - Present

## MEMBERSHIPS

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Texas Pain Society (TPS) 2023 - Present

American Academy of Pain Medicine (AAPM) 2023 - Present

International Anesthesia Research Society (IARS) 2021 - Present

The American Society of Pain & Neuroscience (ASPN) 2021 - Present

American Society of Regional Anesthesia and Pain Medicine (ASRA) 2019 - Present

The New York State Society of Anesthesiologist (NYSSA) 2019 - Present

American Society of Anesthesiologist (ASA) 2019 - Present

early Stage Anesthesiology Scholars (eSAS) 2017 - Present

## AWARDS AND HONORS

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2024 Top Doctor Forth Worth Magazine 2024

Bridge to Success (BTS) Curriculum Program, Boston Scientific 2023 - 2024

Medtronic Pain Therapies Accelerate Mentor Program, Medtronic 2023 - 2024

Poster to Podium Award Program, American Society of Pain and Neuroscience (ASPN) 2023

Young Innovator Grant, American Society of Pain and Neuroscience (ASPN) 2022, 2023

Excellence in Medical Student Teaching Award, Stony Brook University 2021

High Scoring Meeting Abstract, ASRA 19th Annual Pain Medicine Meeting\* 2020

Adam Deardorff Distinguished Scholar Award, Wright State University Boonshoft School of Medicine 2018

Kettering Radiation Oncology Scholarship, Wright State University Boonshoft School of Medicine 2018

Medical Student Research Travel Award, Wright State University Boonshoft School of Medicine 2018

William & Blanche Schneider Scholarship, Wright State University Boonshoft School of Medicine 2017

Best Overall Poster, Wright State State University Medical Student Research Symposium	2017
Abstract Achievement Award, American Society of Hematology	2017
Minority Medical Student Research Award Program, American Society of Hematology	2017 - 2017
AMA Minority Scholar Nominee, Wright State University Boonshoft School of Medicine	2015
Gandhi Scholarship, Wright State University Boonshoft School of Medicine	2014 - 2017
Department of Biology Distinction, New York University	2014
Department of Psychology Honors, New York University	2012
Founders Day Award, New York University	2012
MedPrep Scholar, Icahn School of Medicine at Mt. Sinai	2011
MedPrep Scholar, Columbia University College of Physicians and Surgeons	2010, 2012
Collegiate Research Scholar, New York University	2010, 2011
President's Service Award, New York University	2010