

CURRICULUM VITAE

Stony Brook University Medical Center
Department of Anesthesiology
Health Science Center, Level 4, Room 4-060
Stony Brook, New York 11794-8480
Syed.Azim@stonybrookmedicine.edu

Name: **Syed A. Azim, MD**
Date and place of Birth: March 14th 1962, Karachi, Pakistan
Office Phone Number: 631-444-2975

Higher Education

(Including internship, residency and other formal professional training)

<u>From</u>	<u>To</u>	<u>Degree & Date</u>	<u>Institution & Location</u>	<u>Field</u>
1982	1988	MBBS	Sindh Medical College Karachi, Pakistan	Medical School
1988	1989	Internship	Jinnah Post Graduate Medical Center Karachi, Pakistan	Surgery
1994	1995	PG Student	Jinnah Postgraduate Medical Centre Medical Unit, Karachi, Pakistan	Medicine
1996		Externship	Department of Nuclear Cardiology St. Luke's Roosevelt Hospital Center New York, New York	Clinical Research
1997	1998	Internship	Catholic Medical Center Jamaica, Queens, New York	Surgery
1997	2000	Residency	Stony Brook University Medical Center Stony Brook, New York	Anesthesia
2001	2001	Pain Fellowship	Stony Brook University Medical Center Stony Brook, New York	Anesthesia Pain
2010	2012	PDP Scholar	Professional Development Program Stony Brook University Medical Center Stony Brook, New York	Faculty Development

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Certification and Licensure
(ECFMG, FLEX, National & Professional Boards & Licenses)

Date Agency

1996 ECFMG (Educational Commission for Foreign Medical Graduates)

2001 New York Medical License

2007 Diplomat American Board of Anesthesiology

Appointments
(Academic Appointments)

<u>Date</u> <u>From</u>	<u>to</u>	<u>Title</u>	<u>Status*</u>	<u>Institution & Location</u>
2013	Present	Clinical Associate Professor Of Anesthesiology	S	Department of Anesthesiology Stony Brook University.
2001	2013	Clinical Assistant Professor Of Anesthesiology	<u>S</u>	Department of Anesthesiology Stony Brook University Medical Center Stony Brook, NY
2007	Present	Division Chief of Orthopedics And Plastics Anesthesia	<u>S</u>	Department of Anesthesiology Stony Brook University Medical Center Stony Brook, NY

Status*: Voluntary (V) Salaried (S) Tenured (T)

Other Appointments
(Non-Academic)

<u>Date</u> <u>From</u>	<u>to</u>	<u>Title</u>	<u>Status</u>	<u>Institution & Location</u>
1989	1992	Medical Officer	Medical Ward, Intensive Care Unit, Emergency-Casualty	Taj Medical Complex Karachi, Pakistan
1993	1994	Medical Officer	Neuro-psychiatric Unit	Taj Medical Complex Karachi, Pakistan

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Professional Practice & Services

<u>Date</u>	<u>Activity</u>	<u>Location</u>
2001-Present	Assistant Professor Divisional Chief: Orthopedic and Plastic Anesthesia	Department of Anesthesiology Stony Brook University Medical Center Stony Brook, NY
2005-2009	Acute Pain Management for Anesthesia Technologist Program HAN (481) Program	Department of Anesthesiology Stony Brook University Medical Center Stony Brook, NY

Professional and Scientific Societies

<u>Date of Initial Membership</u>	<u>Organization</u>	<u>Leadership Position</u>
1988-1998	Pakistan Medical and Dental Council	Active member
1998-Present	American Society of Anesthesiology	Active member
1998-Present	New York State Society of Anesthesiologists	Active Member

Courses Directed and Taught

<u>Date</u>	<u>Title</u>	<u>Institution</u>	<u>Enrollment</u>
2003-2004	Moderator for Interesting “Clinical Cases” for Anesthesia Residents	Stony Brook University Medical Center Stony Brook, NY	30 Residents/yr.
2007-2008	Workshops for “Ultrasound Guided Regional Anesthesia” for Anesthesia Residents	Stony Brook University Medical Center Stony Brook, NY	25 Residents/yr.
2010-Present	Lecture on moderate sedation For Medical students.	School of Medicine Stony Brook university.	50 Student/year

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University Services*
(Departmental)

<u>Date</u>	<u>From</u>	<u>To</u>	<u>Activity</u>
2002		Present	Clinical Competence Committee
2002		Present	Education Committee
2008		Present	Executive Committee.
2010		2016	Active Member of University senate.

*Standing University Committees, major ad hoc committees.

Publications in Refereed Journals

Articles:

1. Leptin levels are negatively correlated with 2-arachidonoylglycerol in the cerebrospinal fluid of patients with osteoarthritis.
Nicholson J, **Azim S**, Rebecchi MJ, Galbavy W, Feng T, Reinsel R, Rizwan S, Fowler CJ, Benveniste H, Kaczocha M.
PLoS One. 2015 Apr 2;10(4): e0123132. doi: 10.1371/journal.pone.0123132. eCollection 2015.
2. **Azim S**, Nicholson J, Rebecchi MJ, Galbavy W, Feng T, Reinsel R, Volkow ND, Benveniste H, Kaczocha M. Endocannabinoids and acute pain after total knee arthroplasty.
Pain. 2015 Feb;156(2):341-7. doi: 10.1097/01.j.pain.0000460315.80981.59.
3. **Azim S**, Sangster R, Curcio C, Coleman D, Shah U, Zhang A, Reinsel RA, Glass P, Nicholson J, Benveniste H. Characterization of Patients with Difficult-to-Treat Acute Pain Following Total Knee Arthroplasty Using Multi-Modal Analgesia. The Open Pain Journal, January 2013. 1876-3863 3 2013 Bentham Open.

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Presentation in National and International meetings.

24. Wetcher A, Bacon J, **Azim S**, Beg T. Pulmonary and Brain Fat Embolism Syndrome. PGA annual meeting 2017.
23. Khalili M, Adsumelli R, **Azim S**. Coronary Vasospasm: Implications for Treatment of Cardiac Arrest during Anesthesia. PGA annual meeting 2017.
22. Thalappillil R, **Azim S**. Awake fiberoptic intubation in a morbidly obese male with large right submandibular and sublingual abscesses: a comprehensive, multimodal approach. PGA Annual meeting 2017
21. Na Javeed S, Ramon Abola, **Azim S**. Cardiac Arrest after Tourniquet Release for Knee Arthroplasty or Anaphylaxis. ASA Annual meeting Boston 2017
19. Thalappillil R, **Azim S**. Airway Management in a Septic Morbidly Obese Male with Significant Submandibular and Sublingual Abscesses Presenting for Emergent Oral Surgery: A Comprehensive, Multimodal Approach. ASA Annual meeting Boston 2017
18. Adrahtas D, **Azim S**. Multi-trauma patient with deteriorating mental status in PACU: Isolated Cerebral Fat Embolism. ASA Annual Meeting Boston 2017
17. Demetri Adrahtas¹, **Syed Azim**¹ 74 year old patient with a resting heart rate of 31 presenting for Elective surgery: A case report and anesthetic considerations. Stony Brook University Hosp. IARS annual Meeting 2017 Washington DC.
16. **Azim S**, Martin Kaczochoa¹, James Nicholson², Mario J. Rebecchi¹, Sabeen Rizwan, Tian Fen, and Helene Benveniste, Intrathecal morphine reduce circulating endocannabinoids level in comparison to placebo in patients undergoing Total knee arthroplasty Departments of Anesthesiology, Orthopedics, and Applied Mathematics and Statistics, Stony Brook University. **IARS May 2016 Annual Meeting** and International Science Symposium. Sanfrancisco CA
15. Intrathecal Morphine Reduces Circulating Endocannabinoid Levels in Comparison to Placebo in Patients Undergoing Total Knee Arthroplasty.
Martin Kaczochoa PhD, **Syed Azim MD**, James Nicholson MD, Mario J. Rebecchi PhD, William Galbavy, Ruth Reinsel PhD, Sabeen Rizwan, Tian Feng, and Helene Benveniste MD, PhD Departments of Anesthesiology, Orthopedics, and Applied Mathematics/ Statistics, Stony Brook University, presented at research evening Anesthesiology SB, May 2015.

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14. PRELIMINARY RESULTS OF THE FEMORAL NERVE BLOCK OUTCOMES REGISTRY,

A QA Project.

Syed Azim MD, Sabeen Rizwan BA, Jamie Romeiser MPH, Shyam Bhatt, Ehab Al-Bizri MD, Kevin Wong, Anna Kogan MD, Martin Szafran MD, James Nicholson MD, Fazel Khan MD and Helene Benveniste MD, PhD, Dept. of Anesthesiology, Dept. of Surgery, Dept. of Orthopedics Stony Brook Medicine, Stony Brook, NY presented in research evening of Anesthesiology SB May 2015.

13. End Tidal Carbon Dioxide? Bronchospasm May Not Be the Entire Story.

Nunziata R, Adsumelli R, **Azim S** 68th PGA meeting NY December 2014.

12. Pak A, Asaad B, Azim S. Anesthetic Management in Primary Autonomic Failure.

American society of Anesthesiology Annual Meeting New Orleans October 2014.
Medically challenged case.

11. Kaczocha M, Azim S, Nicholson J, Rebecchi M, Galbavy W, Feng T, Benveniste H.

Endocannabinoid levels and functional disability status in patients with painful osteoarthritis.
Submitted to The International Cannabinoid Research Society meeting, June 2014 Italy.

10. Azim S,¹James Nicholson, MD², Ruth Reinsel, PhD¹, Mario Rebecchi, PhD¹, Tian Feng, MS³
pre-Surgical Inflammatory and Pain disability status of Obese and Non Obese patient

undergoing Total Knee Arthroplasty

Departmental Academic research evening (Moderated Abstract Presentation) Stony Brook, NY
On April 30th, 2013.

9. Characterizing risk factors for identifying patients who will experience higher levels of post-operative acute pain following total knee arthroplasty.

Travis D'Souza, **Syed Azim**, James Nicholson, Mario Rebecchi, Ruth Reinsel and Helene Benveniste. Stony Brook University Medical Center Department of Anesthesiology & Orthopedics, Michigan State University, College of Human Medicine. Presented in ASA Oct 2013 San Francisco.

8. Azim S, Nicholson JJ, Reinsel RA, Rebecchi M, Benveniste H. Subclinical systemic inflammation in obese Total Knee Arthroplasty (TKA) patients. Oral presentation to the American Academy of Orthopedic Surgeons, Chicago, IL March 19-23, 2013.

7. Azim S, Nicholson J², Reinsel R¹, Feng T³, Rebecchi M¹, Benveniste H. Relationship between leptin level in cerebrospinal fluid and functional pain disability scores in Total Knee Arthroplasty (TKA) patients prior to surgery. 66th PGA Meeting in New York, NY December 2012.

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6. **Azim S**, Nicholson J, Reinsel RA¹, Rebecchi M, Benveniste H. Subclinical systemic inflammation in obese patients prior to total knee arthroplasty: (TKA) Moderated abstract presentation. Association of University Anesthesiologists 59th Annual Meeting in Cleveland, Ohio May 2012.
5. **Azim S**, Sangster R, Moller D. "Bone Cement Syndrome" successful use of TEE in the diagnosis of fat emboli during hip arthroplasty. Most challenging case poster presentation. IARS Annual Meeting in Vancouver, BC May 2011
4. **Azim S**, Sangster R, Curcio C, Coleman D, Benveniste H. Post-operative pain following knee arthroplasty: Role of Gender and Obesity. Abstract presentation, ASRA Annual Meeting in Las Vegas, NV 2011.
3. **Azim S**, Sangster R, Curcio C, Coleman D, Benveniste H. Post-operative pain following knee arthroplasty: Role of Gender and Obesity. Abstract presentation, IARS Annual Meeting in Vancouver, BC 2011.
2. Rozbruch A, Steinberg E, **Azim S**, Adsumelli R. "Successful use of epidural anesthesia for a parturient with an intracranial hemorrhage". Most challenging cases poster presentation, PGA 2008.
1. Willoughby P, Izrailtyan I, Sadean M, **Azim S**, Santangelo D. Off-labeled uses of analgesic devices. Scientific and Educational Exhibits 2004, Annual American Society of Anesthesiology Meeting.

Book Chapters:

1. **Azim, S.** Book Chapter on Kidney Transplant in Core Clinical Competencies in Anesthesiology by Gallagher, Lewis and Schwengel, Cambridge University Press 2010.
2. **Azim, S.** Book Chapter on Submandibular Abscess Core Clinical Competencies in Anesthesiology by Gallagher, Lewis and Schwengel, Cambridge University Press 2010.

Others:

1. **Azim S.** Patient Information literature "Anesthesia Care Plan for Joint Replacement". Published in 2009, Department of Anesthesiology, Stony Brook University Medical Center.
2. **Azim S**, Gallagher C, Schabel J. "Curriculum for Anesthesia Resident 2012". Published for Department of Anesthesiology, Stony Brook University Medical Center.

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Clinical Care Plan:

1. Care Plan for Total Joint Replacement, published and implemented in 2010, Department of Anesthesiology, Stony Brook University Medical Center.
2. Trauma Patient Preoperative Check List implemented in 2012, in collaboration with Department of Orthopedic, Stony Brook University Medical Center.
3. “Safe Hip Fracture” Care Plan in progress in collaboration with Department of Medicine and Department of Orthopedic, Stony Brook University Medical Center.