

CURRICULUM VITAE

Nilay Rajnikant Shah, MD

330 E 38th St, Unit 200

NY, NY 10016

drshahnilay@gmail.com

602-680-8780

Certification

Board Eligible Plastic Surgeon

Education

July 2017 – June 2018	Aesthetic Surgery Fellowship New York Eye and Ear Infirmary at Mt. Sinai, NY, NY
June 2016 – June 2017	Chief Plastic Surgery Resident (PGY8) UT Southwestern Medical Center, Dallas, TX
July 2015 – June 2016	Senior Plastic Surgery Resident (PGY7) UT Southwestern Medical Center, Dallas, TX
July 2014 – June 2015	Junior Plastic Surgery Resident (PGY 6) UT Southwestern Medical Center, Dallas, TX
July 2013 – June 2014	Chief Surgery Resident Mayo Clinic Arizona, Phoenix, AZ
July 2011 – June 2013	Senior Surgery Resident (PGY3 and PGY4) Mayo Clinic Arizona, Phoenix, AZ
July 2010 – June 2011	Senior Surgery Resident (PGY2 Preliminary) The Ohio State University Medical Center, Columbus, OH
July 2008 – June 2009	Surgery Intern (PGY1 Preliminary) University of Pennsylvania, Philadelphia, PA
September 2009 – June 2011	MS in Medical Science College of Medicine The Ohio State University, Columbus, Ohio Cumulative GPA: 3.76

November 2000 – March 2006

Bachelor's of Medicine and Surgery (M.B.B.S),
Meghji Pethraj (M. P.) Shah Medical College
Saurashtra University, India
Cumulative GPA: 3.90

Honors and Awards

2012

Second prize in oral presentation of case report
at Mayo Clinic Arizona Academic Excellence
Day

2008

Kaplan Medical Honor Society

2001, 2003, 2004, 2005

Ranked among the top 10 students out of 250
at Meghji Pethraj (M. P.) Shah Medical College,
Jamnagar, India.

2000

Ranked 11th in the merit list of whole state out
of approx. 8000 students and 3rd in Jamnagar
district in higher secondary exam by Gujarat
State Education Board, Gandhinagar, Gujarat.

Appointments And Membership

June 2013 – June 2014

Instructor in Surgery at Mayo Clinic Arizona

June 2008 – June 2009
Pennsylvania

Assistant Instructor in Surgery at University of

July 2008 – June 2018
Surgeons

Resident Member of American College of

August 2008 – June 2015
Education

Resident Member of Associate of Surgical

October 2009 – June 2015

Society of Surgical Oncology

October 2009 – June 2015

SAGES

October 2009 – June 2015

SSAT

Professional Experience

March 2018 – Present	Doctors Plastic Surgery Independent Contractor as a plastic surgeon
March 2019 – Present	Northeast Plastic Surgery Centre Plastic Surgeon
June 2009 – June 2010	Post-doctoral Research Fellow Center of Minimally Invasive Surgery The Ohio State University, Columbus, OH
Nov 2007 – June 2008	Research Assistant, Division of GI Oncology, Department of Interdisciplinary Oncology, H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL.
March 2005 – March 2006	Rotatory Internship in 1. General Surgery, Pandit Din Dayal Upadhyay (P. D. U.) Medical College and Hospital, Rajkot, Gujarat, India – 3 months 2. Obstetrics and Gynecology, Pandit Din Dayal Upadhyay (P. D. U.) Medical College and Hospital, Rajkot, Gujarat, India – 3 months 3. Internal Medicine, Meghji Pethraj (M. P.) Shah Medical College, Jamnagar, India – 3 months 4. Prevention and Social Medicine, Meghji Pethraj (M. P.) Shah Medical College, Jamnagar, India – 3 months 5. School Health Program, Morbi, Rajkot, India.

Hospital Affiliations

August 2018 – Present New York, NY	Lenox Hill Hospital and MEETH of Northwell,
July 2018 – Present New York, NY	New York Eye and Ear Infirmary of Mt. Sinai,
Nov 2018 – Present Patterson, NJ	St. Joseph University Medical Center,

Book Chapter

1. Parastomal Hernia Repair. Surgical Clinics of North America. Oct 2013
Nilay Shah, MD, MS; Randy Craft, MD; Kristi Harold, MD

Peer Reviewed Publications

1. Rod Rohrich, **Monali Mahedia**, Nilay Shah, Paul Afrooz, Lavanya Vishvanath, Rana Gupta
Role of Fractionated Fat (FractoFat) in Blending the Lid-Cheek Junction
Accepted for publication in July 2018 issue of PRS
2. Rod Rohrich, **Nilay Shah**, Monali Mahedia
The Evolving Role of Blending of The Lid-Cheek Junction in Lower Blepharoplasty.
Accepted as a special topic in PRS
3. Bardia Amirlak, **Nilay Shah**, Monali Mahedia
A Randomized, Blinded Clinical Evaluation of Efficacy and Safety of Hyaluronan Sponge With Vitamin C (HylaSponge®System) Vs Placebo for Scar Reduction
Published in PRS Global Open
4. Monali Mahedia, **Nilay Shah**, Bardia Amirlak
A Randomized, Blinded Clinical Evaluation of the Efficacy and Safety of Hyaluronic Acid Sponge (HylaSponge®System) With Zinc Versus Placebo for Scar Reduction After Bilateral Breast Surgery.
Published in PRS Global Open
5. Melis M, Meredith KL, Weber J, Siegel EM, McLoughlin JM, Dean EM, **Shah N**, Karl RC
Body mass index and peri-operative complications after esophagectomy for cancer.
Ann Surg. 2015 Oct 22. (Epub ahead of print)
6. **Shah NR**, Jaroszewski DE, Ashfaq A, Schroedl LA, Staley LL, Pajaro OE, Kasirajan V, Arabia FA.
SynCardia Portable Freedom Driver: A Single-Center Experience With 11 Patients.
Innovations (Phila). 2015 May-Jun;10(3):188-94.
7. Wilson MA, **Shah N**, O'Donnell ME, Jaroszewski DE.
An Unusual Presentation of Esophageal Metastasis From Breast Cancer.
J Thorac Cardiovasc Surg. 2015 Jun;149(6):e110-2.
8. Wei He, Emanuele Berardi, Veronica M. Cardillo, Swarnali Acharyya, Paola Aulino, Jennifer Thomas-Ahner, Jingxin Wang, Mark Bloomston, Peter Muscarella, Peter Nau, **Nilay Shah**, Matthew E.R. Butchbach, Katherine Ladner, Sergio Adamo, Michael A. Rudnicki, Charles Keller, Dario Coletti, Federica Montanaro, and Denis C. Guttridge

NF- κ B Dependent Pax7 Deregulation in the Muscle Microenvironment Promotes Wasting in Cancer Cachexia
J Clin Invest. 2013 Nov 1;123(11):4821-35

9. **Shah NR**, Dossick DS, Madura JA, Heppell JP
Use of Diagnostic Laparoscopy in a Patient with Gastric Pneumatosis and Portal Venous Gas.
Case Re Gastroenterol. 2013 May 31;7(2):261-5.

10. Shah NR.

Commentary On: "Surgical Smoke – A Health Hazard in the Operating Theatre: A Study To Quantify Exposure and a Survey Of the Use of Smoke Extractor Systems in UK Plastic Surgery Units".
Ann Med Surg (Lond). 2012 Aug 25;1:23-4.

11. Perry KA, Banarjee A, Liu J, **Shah N**, Wendling MR, Melvin WS. Gastric Ischemic Conditioning Increases Neovascularization and Reduces Inflammation and Fibrosis During Gastroesophageal Anastomotic Healing
Surg Endosc. 2013 Mar;27(3):753-60. doi: 10.1007/s00464-012-2535-6. Epub 2012 Dec 18.

12. Perry KA, **Shah N**, Memark V, Nau P, Needleman BJ, Hazey JW. Specialized Instrumentation Facilitates Stable Peritoneal Access, Gastric Decompression, and Visualization During Transgastric Endoscopic Peritoneoscopy.
Surg Innov 2012 Aug 1. (Epub ahead of print)

13. **Nilay R. Shah**, Dean J. Mikami, Charles Cook, Andrei Manilchuk, Clayton Hodges, Vanchad R. Memark, Eric T. Volckmann, Clinton R. Hall, Steven Steinberg, Bradley Needleman, Jeffrey W. Hazey, W. Scott Melvin, Vimal K. Narula
A Comparison Of Outcomes In Open Versus Laparoscopic Surgical Repair Of Recurrent Inguinal Hernia
Surg Endosc. 2011 Jul;25(7):2330-7. Epub 2011 Feb 7.

14. Wahi MM, **Shah N**, Schrock CE, Rosemurgy AS 2nd, Goldin SB Reproductive Factors and Risk of Pancreatic Cancer in Women: A Review of The Literature.
Ann Epidemiol. 2009 Feb: 19(2):103-11.

15. Meredith KL, Weber JM, Turaga KK, Siegel EM, McLoughlin J, Hoffe S, Marcovalerio M, **Shah N**, Kelley S, Karl R. Pathologic Response After Neoadjuvant Therapy Is The Major Determinant Of Survival In Patients With Esophageal Cancer
Ann Surg Oncol. 2010 Apr: 17 (4): 1159 – 67.

16. Melis M, McLoughlin JM, Dean EM, Siegel EM, Weber JM, **Shah N**, Kelley ST, Karl RC. Correlations Between Neoadjuvant Treatment, Anemia and Perioperative Complications In Patients Undergoing Esophagectomy For Cancer.
J Surg Res. 2009 May 1; 153(1):114-20

17. Santillan AA, Farma JM, Meredith KL, **Shah NR**, Kelley ST. Minimally Invasive Surgery For Esophageal Cancer.
J Natl Compr Canc Netw. 2008 Oct; 6(9):879-84.
18. Vanchad R. Memark, Joel Anderson, Peter Nau, **Nilay Shah**, Bradley Needleman, Jeffrey W. Hazey Transgastric Endoscopic Peritoneoscopy Does Not Lead To Increased Risk Of Infectious Complications
Surg Endosc. 2011 Jul;25(7):2186-91. Epub 2011 Feb 7.
19. Deiuliis J, Shah Z, **Shah N**, Needleman B, Mikami D, Narula V, Perry K, Hazey J, Kampfrath T, Kollengode M, Sun Q, Satoskar AR, Lumeng C, Moffatt-Bruce S, Rajagopalan S. Visceral Adipose Inflammation Is Associated With Critical Alterations In T-regulatory Cell Numbers
PLoS One. 2011 Jan 26;6(1):e16376.
20. Bukhari MH, Niazi S, **Shah N**, Anwar M, Khalee EM, Samina Q, Munir M
Histological Diagnosis and Frequency of Primary Endocrine Tumors (ETs) and Neuroendocrine Tumors (NETs) According to WHO Classification
Int J Endocrinol Metab 2008;6(4): 205-214.

Abstract

1. **Nilay Shah**, Monali Mahedia, Bardia Amirlak
A Randomized Evaluation of Hyaluronan Sponge with Zinc Versus Placebo and Vitamin C Versus Placebo for Scar Reduction
Submitted for 2016 Resident and Fellows Forum Oral at ASAPS/The Aesthetic Meeting, April 2-7, 2016, Las Vegas, NV.
2. **Nilay R Shah**, Kristi Harold
Use of SPY Imaging System To Evaluate Abdominal Wall Skin Graft Viability in Laparoscopic Ventral Hernia Repair with Mesh
Podium presentation at **American College of Surgeons Clinical Congress**, October 6-10, 2013, Washington, DC.
3. Awais Ashfaq, **Nilay R Shah**, Kristi Harold, Dawn E Jaroszewski.
Minimally Invasive Surgical Resection of Esophageal Lymphohemangioma.
Podium presentation at **American College of Surgeons Clinical Congress**, October 6-10, 2013, Washington, DC.
4. Awais Ashfaq, **Nilay R Shah**, Richard Schlinkert, Dawn E Jaroszewski
Video Assisted Thoracoscopic Surgery (VATS) for Mediastinal Parathyroidectomy Nilay R. Shah, MBBS Personal
Page 6 Updated March 2018

Podium presentation at American College of Surgeons Clinical Congress, October 6-10, 2013, Washington, DC

5. Pam Waychoff, **Nilay Shah**

Management of High Output Fistula: A Case Study

Poster presentation at Mayo Nurses Week. Received 2013 Award of Excellence: Nursing Practice

6. Joe Drosdeck, Syed Husain, **Nilay Shah**, Andrew Suzo, Alan Harzman, Mark Arnold. Multivariate Analysis of Risk Factors For Wound Infection After Laparoscopic Colorectal Surgery.

Podium presentation at SAGES 2013, April 17-20, 2013, Baltimore, MD.

7. Nilay Shah, Suzanne Carpenter, Kristi Harold, Dawn Jaroszewski.

MiniMally inVasiVe esophaGeCToMy For MeTasTaTiC BreasT CanCerTo esophaGus: a rare inTeresTinG Case reporT

Poster presentation at SAGES 2013, April 17-20, 2013, Baltimore, MD.

8. **Shah, Nilay R**, Jaroszewski, Dawn, Staley, Linda, Pierce, Christopher, Gopalan, Radha S., Kalya, Anantharam, Scott, Robert L, Pajaro, Octavio E, Arabia, Francisco. Video-assisted thoracoscopic surgical approaches for implantation of epicardial leads and defibrillator systems in patients with limited vascular access.

Podium presentation at Southwest Surgical Congress, March 24-27, 2013, Santa Barbara, CA.

9. Scott Swanson, **Nilay Shah**, Anthony Smith. Osteomyelitis in the finger: Functional Digital Salvage with a combination of extensive debridement and joint stabilization.

Poster presentation at Southwest Surgical Congress, March 24-27, 2013, Santa Barbara, CA.

10. **Nilay Shah**, William Stone

A Rare Complication of Calf Hematoma from Angioplasty and Stenting.

Poster presentation at Southwest Surgical Congress, March 24-27, 2013, Santa Barbara, CA.

11. **Shah, Nilay R**, Jaroszewski, Dawn, Scott, Robert L, Pajaro, Octavio E, Arabia, Francisco. Video Assisted Thoracoscopic Surgery (VATS) Epicardial Lead Placement and Ablation for Inappropriate Sinus Tachycardia. **Video presentation at ACS 2012 Annual Clinical Congress** September 30 – Oct 4, 2012, Chicago, IL.

12. Jillian Maloney, Bhavesh Patel, **Nilay Shah**, Linda Staley, Amelia Lowell, Dawn Jaroszewski, Francisco Arabia. Extubation Criteria for Patients with Total Artificial Heart (TAH). **Poster presentation at American College of Chest Physicians Meeting CHEST 2012** in Atlanta, Georgia, on October 22, 2012.

13. **Shah, Nilay R**, Jaroszewski, Dawn, Staley, Linda, Pierce, Christopher, Gopalan, Radha S., Kalya, Anantharam, Scott, Robert L, Pajaro, Octavio E, Arabia, Francisco. SynCardia Total Artificial Heart and Freedom Driver: A single center experience. **Submitted** to Society of Thoracic Surgeons.

14. Perry KA, Liu J, Banerjee A, Wendling, MR, **Shah N**, Melvin WS. Gastric ischemic conditioning increases neovascularization and reduces inflammation and fibrosis during gastroesophageal anastomotic healing. **Podium presentation** at SAGES 2012 March 7-10, 2012, San Diego, CA.

15. Banerjee A, Ding Y, **Shah N**, Mikami DJ, Needleman BJ. The role of dumping syndrome in weight loss after gastric bypass surgery. **Poster presented** at SAGES 2012 March 7-10, 2012, San Diego, CA.

16. Daniel Box, **Nilay Shah**, Benoit Mapa, Rollin Nagel, David Way, Rebecca Dettorre, Alan E Harzman
Self-Guided Video Review of Performance Does Not Improve Learning in Basic Simulated Tasks. **Poster presented** at the Scientific Session of the SAGES Annual Meeting, March 30 – April 2, 2011, San Antonio, TX.

17. **Nilay Shah**, Bridget Bonventura, Kelly Rosborough, Jianying Zhang, Mark Bloomston, W. Scott Melvin, Carl Schmidt, Peter Muscarella.
The Effects of Preoperative Epidural Catheter Placement on Outcomes in Patients Undergoing Pancreatectomy. **Poster presented** at 41st Annual Meeting of the American Pancreatic Association, November 3 – 6, 2010, Chicago, Illinois.

18. **Shah NR**, Hodges C, Memark V, Volckmann E, Hall C, Needleman B, Mikami D, Hazey J, Melvin SW, Narula V.
A Comparison Of Outcomes In Open Versus Laparoscopic Surgical Repair Of Recurrent Inguinal Hernias. SAGES. **Oral presentation** at 12th World Congress of Endoscopic Surgery, April 14-17, 2010, Landover, Maryland.

19. Memark V, **Shah NR**, Nau P, Hall C, Volckman E, Dettorre R, Needleman B, Melvin WS, Hazey J.
Transgastric Diagnostic Peritoneoscopy With Laparoscopic Assistance Using A Novel Flexible Toolbox For Advanced Minimally Invasive Procedures: An Initial Evaluation. SAGES. **Poster presented** at 12th World Congress of Endoscopic Surgery, April 14-17, 2010, Landover, Maryland.

20. Volckmann ET, Firat O, **Shah NR**, Mikami DJ, Hall CR, Memark VR, Needleman BJ. Effects of Different Types of Staple Line Reinforcement on Tissue Handling and Slippage during Laparoscopic Stapling. SAGES. **Poster presented** at 12th World Congress of Endoscopic Surgery, April 14-17, 2010, Landover, Maryland.

21. Clinton Hall, **Nilay Shah**, Eric Volckmann, Vanchad Memark, Alexandar Haas, W. Scott Melvin, Dean Mikami, Bradley Needleman. A Randomized Control Study To

Compare A New Valveless Trocar With A Conventional Trocar In Morbidly Obese Patients. **Poster presented** at Emerging Technology Session, 12th World Congress of Endoscopic Surgery, April 14-17, 2010, Landover, Maryland.

22. Jeffrey Deiuliis, **Nilay Shah**, Zubair Shah, Vimal Narula, Kyle Perry, Jeffrey Hazey, Dean Mikami, Bradley Needleman, Sanjay Rajagopalan.

Macrophage infiltration of omental adipose correlates to indices of insulin resistance in a bariatric population. **Poster presented** at Arteriosclerosis, Thrombosis and Vascular Biology (ATVB) 2010 Scientific Sessions, April 8-10, 2010, San Francisco, CA.

23. Nilay Shah, Clinton Hall, Clayton Hodges, Mark Arnold, Alan Harzman, Bradley Needleman, Dean Mikami Parastomal Hernia Repair and Reoccurrence: Our Institute's Experience. **Poster presented** at the 9th Annual OSUMC Trainee Research Day, April 8, 2010, Columbus, OH.

24. Nilay Shah, Monika Maya Wahi, Christopher E Schrock, Alexander S Rosemurgy, Steven B Goldin.

Inconsistent Trends In The Relationship Between Hormonal/Reproductive Factors And Risk Of Pancreatic Cancer In Women. **Poster presented** at the American College of Surgeons Clinical Congress, October 12-16, 2008, San Francisco, CA.

25. Shah NR, Meredith KL, Siegel EM, Weber JM, Melis M, Kelley ST, Karl RC.

Outcomes Associated with Open and Minimally Invasive Approaches to Esophageal Cancer. **Poster presented** at the Disease Digestive Week, May 30 – June 4, 2009, Chicago, IL.

26. Goldin SB, Cannarozzi ML, Wahi MM, Arce M, **Shah NR**, Farooq A, Farooq O, Schrock CE, Nixon L. Student Quality-of-Life Declines Equally on Third-Year Surgical And Internal Medicine/Pediatrics Clerkships. **Poster presented** at the 4th Annual Academic Surgical Congress. Feb 3-6, 2009, Fort Myers, FL.

Research Support

SAGES (Society of American Gastrointestinal & Endoscopic Surgeons) Research grant

Principal Investigator: Kyle Perry, MD

Title: Identifying the Optimal Duration of Gastric Ischemic Conditioning to Improve Gastroesophageal Anastomotic Wound Healing in Opossum Model.

Total Grant Awarded: \$30,000.00

Role: Co-Investigator Nilay R. Shah, MBBS Personal

Page 9 Updated March 2018

Hobbies & Interests

Running, playing tennis, reading non-fictional books; and listening to different types of music.

Community and Scholarly Activities

Sept. 2006 – May 2007 Volunteer, Habitat for Humanity.
University of Alabama at Birmingham Chapter

Computer & Software

Knowledge of SPSS, Microsoft Office 2007 (Word, Excel, Powerpoint, Access and Outlook); Internet Explorer; Search Engines (Google, Yahoo, Ask); PubMed; Medline Ovid EndNote.