

Curriculum Vitae

Shirin Towfigh, MD, FACS

A. PERSONAL HISTORY:

Name: Shirin Towfigh, MD
Business Address: 450 N Roxbury Drive #224
Beverly Hills, CA 90210
Phone: (310) 358-5020
Fax: (310) 358-5025
Email: drtowfigh@beverlyhillsherniacenter.com

B. EDUCATION:

High School: Diploma, 1985-88
Santa Monica High School
Santa Monica, CA

Undergraduate: Bachelor of Science, Biology, 1988-92
University of California, Los Angeles
Los Angeles, CA

Medical School: Doctor of Medicine, 1992-96
University of California, San Diego
La Jolla, CA

Residency: Intern, General Surgery, 1996-97
University of California, Los Angeles
Resident, General Surgery, 1997-98, 1999-2002
University of California, Los Angeles
Chief Resident, General Surgery (R-5), 2001-2002
University of California, Los Angeles

Fellowships: Research Fellow, Gastrointestinal Physiology, 1998-99
University of California, Los Angeles
School of Medicine
Los Angeles, CA
Faculty Teaching and Learning Fellowship, 2006-07
University of Southern California
Keck School of Medicine, Division of Medical Education
Los Angeles, CA
Educational Leadership Fellowship, 2007-08
University of Southern California
Keck School of Medicine Division of Medical Education
Los Angeles, CA

Licensure: California: #A064128
Exp. 11/30/2025

Board Certification: European Board of Surgery, Abdominal Wall Surgery, 11/2022
American Board of Surgery, #48287
07/01/2003, Exp. 07/01/2025

Misc Certificates: Fellow, American College of Surgeons
DaVinci Robot Console Basic Training Certificate, Intuitive Surgical
Good Clinical Practices for Clinical Research Professionals, DIA

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C. PROFESSIONAL POSITIONS:

Business:

CEO & Founder, 2014-
Hexagon Health, Inc.
Beverly Hills, CA
Board of Directors, 2015-
International Hernia Collaboration, Inc.
New York, NY
Board of Directors, 2014-16, 2018-
Precision Ambulatory Surgery Center
Beverly Hills, CA
President & Founder, 2013-
Beverly Hills Hernia Center
Beverly Hills, CA

Clinical:

Staff Attending Physician, 2008-
Cedars-Sinai Medical Center
Los Angeles, CA
Staff Physician, 2013-
Precision Ambulatory Surgery Center
Beverly Hills, CA
Staff Physician, 2013-
90210 Surgery Medical Center
Beverly Hills, CA
Staff Physician, 2023-
Huntington Hospital
Pasadena, CA
Staff Physician, 2014-15, 2023-
Providence Saint John Health Center
Santa Monica, CA
Attending Physician, 2002-08
Los Angeles County + USC Medical Center
Los Angeles, CA
Staff Physician, 2003-05
Kenneth Norris Comprehensive Cancer Hospital
Los Angeles, CA
Staff Physician, 2003-05
USC University Hospital
Los Angeles, CA

Institutional:

Voluntary Associate Professor of Clinical Surgery, 2023-
Associate Professor of Clinical Surgery, 2008-2023
Geffen School of Medicine at UCLA
Los Angeles, CA
Associate Professor of Surgery, 2008-13

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Cedars-Sinai Medical Center
Los Angeles, CA

Director, Advanced Laparoscopic Surgery Fellowship, 2008-12

Director, Medical Student Education, 2008-13

Education Director, Surgical Simulation Skills Center, 2008-12

Member, Minimally Invasive Surgical Technology Institute (MISTI),
2008-13

Member, Institutional Review Board, 2009-12

Adjunct Associate Professor of Engineering, 2008-11

Department of Biomedical Engineering

University of Southern California, Viterbi School of Engineering

Los Angeles, CA

Assistant Professor of Surgery, 2002-08

Department of Surgery

University of Southern California, Keck School of Medicine

Los Angeles, CA

Unit Chief, Team A

Emergency Surgery Service and Minimally Invasive Surgery Program

D. PROFESSIONAL ACTIVITIES:

Local Committee Service

Cedars-Sinai Medical Center:

Robotic Surgery Efficiency Committee, 2015-

Department of Surgery GME Committee, 2008-13

Clinical Champion, Surgical Site Prevention Project, 2010-12

Internal Review Board Member, 2009-11

Department of Surgery Representative, AHSP Skills Center Development Project, 2008-12

Department of Surgery Performance Improvement Committee, 2008-13

Geffen School of Medicine at UCLA:

Surgery Student Interest Group, Mentor/Teacher, 2023-

Women in Surgery Interest Group, Mentor, 2013-

Co-Director, Continuity Clerkship in Surgery, 2010-13

Advisory Board, College of Applied Anatomy, 2010-13

Well-Being Facilitator, 2008-13

Member, Surgical Education Committee, 2008-13

Site Director, Medical Student Surgery Clerkship, 2008-13

Founder, Women in Surgery seminars, 2001

Resident as Teacher Conference, 1999-2001

Intern Conference instructor, 2000-2002

Keck School of Medicine of the USC:

Director, Medical Student Surgery Clerkships, 2004-07

Surgery I general surgery clerkship

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Surgery II surgical subspecialties clerkship
4th year surgery and surgical subspecialties rotations
Surgical Infections Research Group
Director, 2005-08
Principal Investigator, 2002-08
Surgical Education Research Group, 2003-07
Salerni Collegium for USC KSOM Alumni
Secretary, 2006-07
Executive Board, 2006-07
Clinical Course Curriculum Committee, Year III/IV, 2004-07
Medical Faculty Assembly, 2003-04
Provost's Biomedical Imaging Sciences Initiative, 2005-08
USC Ambassador, 2004-08
Department of Surgery
Surgical Council, 2004-07
General Medical Education Committee, 2004-08
Appointments and Promotions Committee, 2003-08
QA Committee, 2002-08
Emergency Surgery Service Division Faculty Meetings, 2002-08
Department Faculty Meetings, 2002-08

Los Angeles County Department of Health Services:

Member-at-Large Representative, Medical Executive Council, 2006-08
Board Member, Association of Physicians of Los Angeles County Hospital (APLACH), 2005-08
Replacement Hospital Redesign:
Chair, Physician Advisory Committee, Clinician access, electronic medical records, 2005-08
Chair, Orthopedic Clinic Redesign Subcommittee, 2005-08
Co-Chair, Outpatient Surgery Redesign Subcommittee, 2006-08
Co-Chair, Peri-operative Redesign Committee, 2006-08
Co-Chair, Clinic Space Redesign Committee, 2006-08
Co-Chair, Outpatient Redesign Committee, 2005-08
Member, Employee Health Redesign Committee, 2007-08
Member, Peri-operative Redesign Committee, 2006-08
Member, Radiology Redesign Subcommittee, 2005-08
Member, Hospital Information Systems Redesign Subcommittee, 2005-08

National Committee Service

American Board of Surgery

Certifying Exam (Oral Boards) Hernia Consultants Committee, 2013-21
Certifying Exam (Oral Boards) Examiner, 2010, 2012

American College of Surgeons (ACS)

Member, Opioids and Surgery WorkGroup, 2017-19
Member, Accredited Education Institute Patient Education Committee, 2016-19
Governor-at-Large, Southern California, 2013-19
Member, Patient Education Committee, 2013-19

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Member, Accreditation Review Committee of Educational Institutes, 2009-13
Surveyor, Program for the Accreditation of Educational Institutes, 2005-13
Issues Committee, 2001-03

American College of Surgeons, Southern California Chapter (SCCACS)

President, 2015-16
President-Elect, 2014-15
Vice President, 2012-14
Board of Directors, 2009-12
General Surgery Program Chair, 2012
Program Chair, 2008-09
Associate Program Chair, 2007-08
Assistant Program Chair, 2006-07
Women in Surgery Representative, 2004-06
Young Surgeon Representative, 2003-04
Candidate and Associate Society representative, 2001-03

American Hernia Society (AHS)

Governor, 2006-12, 2016-19
Chair, Patient Advocacy Committee, 2015-21
Member, 2022-
Chair, Communications Committee, 2012-16
Advisory Council 2004-06

The Joint Commission, Center for Transforming Healthcare

Clinical Champion, Surgical Site Prevention Project, 2010-12

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

Host, SAGES Stories podcast, 2022-
Communications Committee, 2011-13, 2020-
Community Practice Committee, 2020-
Community Practice, Business Acumen Subcommittee 2020-
Community Practice Task Force, 2019-2020
Hernia Task Force, 2011-21
Facebook Task Force, 2018-19
Video for Inguinal Intraoperative Decision Making Working Group, 2013-14
Publications Committee, 2014-19
Membership Committee, 2010-13
Educational Resources Committee, 2004-05, 2006-10
Fundamentals of Laparoscopic Surgery (FLS) Committee, 2002-03, 2004-05, 2006-10
Research Subcommittee, 2002-03

Association of Women Surgeons (AWS)

Academic Committee, 2004-13

Pacific Coast Surgical Association (PCSA)

Social Media Committee, 2016-

Western Surgical Association (WSA)

Chair, Local Arrangements, 2021-22
Information Technology Committee, 2016-19

Surgical Infections Society (SIS)

Education Committee, 2010-12

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Informatics Committee, 2006-10

Association for Academic Surgery (AAS)

Education Committee, 2007-09

Los Angeles Surgical Society (LASS)

President, 2012-13

Secretary/Treasurer, 2011-12

Program Chair, 2010-11

Academy of Persian-American Physicians (APP)

Chair, Nominations Committee, 2015-16

Annual Meeting Program Chair, 2010, 2011, 2012

Secretary, 2008-12

International Advisory Board

Hernia: The World Journal of Hernia and Abdominal Wall Surgery, 2004-16, 2018-

Reviewer

Uptodate.com, Peer Reviewer, 2021-

The Cochrane Review, 2022-

The Permanente Journal, 2012-

American Journal of Surgery, 2010-

Surgical Endoscopy, 2010-

JAMA, 2010-

Archives of Surgery (now *JAMA Surgery*), 2008-

World Journal of Surgery, 2008-

Hernia: The World Journal of Hernia and Abdominal Wall Surgery, 2004-

Journal of Surgical Research, 2004-2006, 2011-

British Journal of Nutrition, 2008-09

Journal of Surgical Research, 2007-11

Journal of Trauma, Injury, Infection, and Critical Care, 2007-

Surgical Laparoscopy, Endoscopy, & Percutaneous Techniques, 2007-

Digestive Diseases and Sciences, 2007-

Professional Associations & Scholarly Societies:

National

International Hernia Collaboration, 2013-

Pacific Coast Surgical Association, 2009-

Western Surgical Association, 2007-

American Hernia Society, 2003-

Surgical Infections Society, 2006-13

Association for Academic Surgery, 2005-13

Association for Surgical Education, 2002-13

Society of American Gastrointestinal Endoscopic Surgeons, 2000-

Association of Women Surgeons, 1999-

American College of Surgeons, Fellow, 1997-

American Medical Association, 1992-2003

Local

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Southern California Chapter, American College of Surgeons, 2004-
Los Angeles Surgical Society, 2005-12
Academy of Persian Physicians, 2007-17
LA County+USC Society of Graduate Surgeons, 2005-07
UCLA Longmire Surgical Society, 2002-

E. HONORS AND SPECIAL AWARDS:

Golden Apple for Outstanding Teaching, Cedars-Sinai Department of Surgery, 2023
Castle Connolly America's Top Doctors, 2013, 2015-24
Exceptional Women in Medicine, 2019-2023
On-Time Doctor, Vitals.com, 2015, 2018
Top 10 Doctor, Vitals.com, 2014-2015
Compassionate Doctor Recognition, Vitals.com, 2011-13, 2015, 2018
Patient's Choice, Vitals.com, 2011-12, 2014, 2018
Top 10 Doctor, Neighborhood, Vitals.com, 2014
Top 10 Doctor, City, Vitals.com, 2014
Circle of Friends, Cedars-Sinai Medical Center, 2010-18, 2021
Outpatient Redesign and Space Optimization of Replacement Facility, LA County Medical Center, 2009
Woman of the Year in Medicine, LA County Medical Center CARES, 2008
Excellence in Performance Award, LA County Medical Center, 2008
Passionate Performance Award, Medical Executive Council, LA County Medical Center, 2006
Faculty Appreciation Award, USC Student Surgical Interest Group, 2006
Passionate Performance Award, for service to LA County Hospital, 2005
C.J. Berne Award for Outstanding Resident Teaching, 2005
Outstanding Teacher to Medical Students, USC Department of Surgery, 2005
Outstanding Faculty Member of the Year, USC Student Surgical Interest Group, 2005
Kaiser Permanente Excellence in Teaching Award, 2004
Outstanding Required Clerkship, Keck School of Medicine, 2004, 2006, 2007
Outstanding Teaching in Year IV, USC Keck School of Medicine, 2004
Outstanding Teaching in Year III, USC Keck School of Medicine, 2003, 2007
Outstanding Teacher of the Year, USC Department of Surgery, 2003, 2005
Golden Apple Award for Outstanding Teaching, UCLA School of Medicine, 2002
Golden Scalpel Award in Recognition of Teaching Excellence, UCLA Department of Surgery, 2002
Resident Research Award, American College of Surgeons Southern California Chapter, 2000
Cardiothoracic Surgery Junior Resident of the Year, UCLA, 1998
UCSD School of Medicine Service Award, 1996
UCLA College Honors, 1992
Dean's Honors List, UCLA, 1988-92
UCLA Medical Center Auxiliary Volunteer Scholarship, 1992
UCLA Medical Center Interpreter Services Award, 1992
UCLA Medical Center Theodore T. Flesch Volunteer Scholarship, 1991
Outstanding Contribution to Honors Programs Book Award, UCLA, 1990, 1991, 1992
Mortar Board Senior Honor Society, 1990
Alpha Lambda Delta National Honors Society Local Chapter Scholarship, 1990

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F. RESEARCH GRANTS:

1. Non-opioid Herbal Formula for Postoperative Pain
Principal Investigator
Hexagon Health, Inc
IRB PSP KH 2-6-19
2019-22
2. Prospective, Multicenter post-market study to evaluate and compare the Clinical Outcomes, Pain and Patient Quality of Life after Open, Laparoscopic or Robotic Assisted Hernia (Incisional and Inguinal) Repair
Principal Investigator
Intuitive Surgical, Inc
IRB Pro00043287
2016-19
3. A Prospective, Multi-Center All Comers Study of a Novel Resorbable Mesh (Phasix™ Mesh) for Ventral or Incisional Hernia Repair
Principal Investigator
Bard/Davol, Inc
IRB Pro00034803
2015-17
4. Phase III, Randomized, Multicenter, Double-Blind, Double-Dummy, Parallel-Group, Comparative Study to Determine the Efficacy, Safety, and Tolerability of Ceftazidime Avibactam (CAZ104) Plus Metronidazole Versus Meropenem in the Treatment of Complicated Intra-Abdominal Infections (cIAIs) in Hospitalized Adults
Principal Investigator
Astra Zeneca
IRB Pro00027523
2012-13
5. A Phase 2, randomized, double-blind, placebo-controlled, dose-ranging study to assess the safety and efficacy of VP 20621 for prevention of recurrence of Clostridium difficile infection (CDI) in adults previously treated for CDI.
Co-Investigator
ViroPharma Incorporated
IRB Pro00025466
2012-13
6. The effect of SAGES patient information brochures on patient satisfaction: a prospective multi-institutional study
Co-Investigator
SAGES Research Grant
IRB Pro00020293
2009-13
7. An adaptive design, randomized, double-blind, multicenter study to evaluate the safety and efficacy of CEM-102 compared to linezolid in the treatment of acute bacterial skin structure infection.
Principal Investigator
Cem-102 Pharmaceuticals
IRB Pro00019721

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2009-10

8. Incisional hernia repair in multiply morbid patients (RaM2P): A multi-center, prospective, randomized, controlled, single blinded study of Strattice™ Reconstructive Tissue Matrix vs Proceed™

Principal Investigator

Lifecell, Corp.

IRB Pro00019756

2009-10

9. A prospective, multicenter, double-blind, randomized, comparative study to estimate the safety, tolerability and efficacy of NXL104/ceftazidime plus metronidazole vs. meropenem in the treatment of complicated intra-abdominal infections in hospitalized adults

Principal Investigator

Novoxel SA

IRB Pro00017778

2009-10

10. A randomized, open-label, efficacy and safety study of Octaplex and fresh frozen plasma in patients under Vitamin K antagonist therapy with the need for urgent surgery or invasive procedures

Principal Investigator

OctaPharma USA

IRB Pro00017884

2009-10

11. A randomized, double-blind multi-center dose-ranging study of the efficacy and safety of pregabalin compared to placebo in the adjunctive treatment of post-surgical pain after primary inguinal hernia repair

Principal Investigator

Pfizer

IRB Pro00018315

2009

12. Use of Ultrasound for Image-Guided Surgery

Co-Investigator

James H. Zumberge Research and Innovation Fund Interdisciplinary Grant

IRB Exempt

2007-09

13. Evaluation of wound probing to reduce wound infection in contaminated wounds: a randomized prospective trial

Principal Investigator

James H. Zumberge Research and Innovation Fund Individual Grant

IRB# HS-06-00414

2007-09

14. A Multinational, Multi-center, Double-blind, Randomized, Parallel Group Study to Compare the Safety and Efficacy of 200 mg PAR-101 Taken q12h with 125 mg Vancomycin Taken q6h for Ten Days in Subjects with Clostridium Difficile-associated Diarrhea. (Protocol 101.1.C.003; Phase2B/3)

Principal Investigator

Optimer Pharmaceuticals, Inc.

IRB# HS-07-00169

2007-08

15. A Phase 3, Multicenter, Randomized, Double-Blind, Comparative Study to Evaluate the Safety and Efficacy of Ceftaroline Versus Vancomycin plus Aztreonam in Adult Subjects with Complicated Skin and Skin

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Structure Infection. Protocol # P903-07

Principal Investigator

Cerexa, Inc.

IRB# HS-07-00032

2007-08

16. Mentoring-in-Surgery Initiative

Principal Investigator

USC Mellon Foundation Grant

2006-07

17. Evaluation of BAL as a Substudy to Protocols 0015 and 0019: Phase 3, Randomized, Doubleblind, Parallel-group, Multinational Trials of Intravenous Televancin Versus Vancomycin for Treatment of Hospital-Acquired Pneumonia with a Focus on Patients with Infections Due to Methicillin-resistant Staphylococcus aureus.

Principal Investigator

Theravance, Inc.

IRB# APP-07-00084

2007

18. A Phase 2, Randomized, Double-Blind, Study of Intravenous TD-1792 Versus Vancomycin for Treatment of Complicated Gram-positive Skin and Skin Structure Infections

Principal Investigator

Theravance, Inc.

IRB# HS-07-00031

2007

19. A Phase 3, Randomized, Double-Blind Study of Ceftobiprole Medocaril Versus Linezolid Plus Ceftazidime in the Treatment of Nosocomial Pneumonia (Protocol BAP00248)

Principal Investigator

Johnson & Johnson Pharmaceuticals Research Division

IRB# HS-06-00133

2006-07

20. A Multicenter, Open-Label, Randomized Comparative Study of Tigecycline vs Ceftriaxone Sodium Plus Metronidazole for the Treatment of Hospitalized Subject with Complicated Intra-abdominal Infection.

Principal Investigator

Wyeth Pharmaceuticals, Inc.

IRB# HS-05-00148

2005-07

21. A Phase 3, Randomized, Double-Blind, Parallel-Group, Multinational Trial of Intravenous Televancin Versus Vancomycin for Treatment of Hospital-Acquired Pneumonia with a Focus on Patients with Infections Due to Methicillin-Resistant Staphylococcus aureus

Principal Investigator

Theravance, Inc.

IRB# HS-05-00032

2005-07

22. A Randomized, Double-Blind Study of GT267-004 Versus Vancomycin, and GT267-004 Versus Metronidazole, in Patients with C. difficile-Associated Diarrhea

Principal Investigator

Genzyme Corp.

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IRB# HS-05-00057

2005-2007

23. A Phase 3, Randomized, Double-Blind Trial of Intravenous Telavancin Versus Vancomycin for Treatment of Complicated Skin and Skin Structure Infections with a Focus on Patients with Infections Due to Methicillin-Resistant Staphylococcus aureus.

Principal Investigator

Theravance, Inc.

IRB# HS-04C009

2005-06

24. A Phase 3, Multi-center, Randomized, Evaluation Committee-Blinded Study to Assess the Efficacy of Topical Administration of Omiganan 1.0 % Gel in Preventing Local Catheter Site Infections and Catheter Colonization in Patients Undergoing Central Venous Catheterization.

Principal Investigator

Cadence, Inc.

IRB# HS-05-00226

2005

25. A Prospective, Randomized, Controlled, Multi-center Clinical Trial of MedLogic Surgical Skin Sealant and the Prevention of Surgical Wound Contamination

Principal Investigator

Kimberly-Clark

IRB# HS-05-00155

2005

26. A Prospective, Multicenter, Randomized, Open-Label, Comparative Study to Evaluate the Safety, Tolerability and Efficacy of Ertapenem Sodium (MK-0826) versus Ticarillin/Clavulanate in the Treatment of Complicated Intra-Abdominal Infections in Pediatric Patients.

Sub-Investigator

Merck Pharmaceuticals, Inc.

IRB #022020

2003-04

27. A Multicenter, Double-Blind, Randomized Comparison Study of the Efficacy and Safety of Tigecycline to Imepenem/Cilastatin to Treat Complicated Intra-Abdominal Infections in Hospitalized Subjects

Sub-Investigator

Wyeth Pharmaceuticals, Inc.

IRB #02A026

2003-05

28. A Multicenter, Open-Label Randomized Study to Compare the Safety and Efficacy of Once Daily Levofloxacin Along with Once Daily Metronidazole versus Piperacillin/Tazobactam in the Treatment of Complicated Appendicitis.

Sub-Investigator

Ortho-McNeil Pharmaceuticals

IRB #038020

2003-04

29. A Prospective, Multicenter, Double-Blind, In-House Blinding, Randomized, Comparative Study to Evaluate the Efficacy, Safety, and Tolerability of Ertapenem Sodium versus Piperacillin/Tazobactam in the Treatment of Complicated Intra-Abdominal Infections in Hospitalized Adults

Sub-Investigator

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Merck Pharmaceuticals, Inc.

IRB # 019018

2002-04

30. IB98-9 Timing of premenopausal breast cancer surgery, menstrual cycle and prognosis.

Co-Investigator

IRB #991016

2002-04

31. A Phase III, randomized, double-blinded, comparative study of Micafungin versus placebo in the preemptive prophylactic antifungal therapy in patients in the intensive care unit.

Sub-Investigator

IRB approved #02B008

2001-04

G. LECTURES AND PRESENTATIONS:

Invited Lectures/Panels:

1. Is our management of gallstone disease evidence-based? Grand Rounds, USC Department of Surgery, Los Angeles, CA. December 14, 2002.
2. What do young faculty want? Postgraduate Course 32: Career Development. 89th Annual Clinical Congress, American College of Surgeons, Chicago, IL. Oct 22, 2003.
3. New developments in the use of glues in mesh hernia repairs. 4th Annual Conference American Hernia Society, Orlando FL. Feb 27, 2003.
4. Laparoscopic Common Bile Duct Exploration: Technical Details and Complications. IRCAD/EITS Intensive Course in Laparoscopic Surgery. Strasbourg, France. May 4, 2004.
5. Laparoscopic Management of Common Bile Duct Stones: Indications, Technique, and Complications. Grand Rounds, USC Division of Gastroenterology, Department of Medicine, Los Angeles, CA. Jan 7, 2005.
6. Should we be doing laparoscopic appendectomies? Grand Rounds, USC Department of Surgery, Los Angeles, CA. Jul 8, 2005.
7. Surgical infections update 2006. Grand Rounds, USC Department of Surgery, Los Angeles, CA. Feb 3, 2006.
8. Show me the Money: Negotiation Skills Workshop. Association for Surgical Education, Tucson, Arizona. Mar 24, 2006.
9. Simulation in Surgery. Department of Biomedical Engineering, USC Viterbi School of Engineering. Mar 20, 2006.
10. Biologic Materials as Alternatives to Mesh Repair. Northern California Chapter of American College of Surgeons, San Francisco, CA, May 6, 2006.
11. Interventional Imaging. Biomedical Imaging Sciences Initiative Retreat. USC Provost's Office. Jun 13, 2006.
12. Simulation in Surgery. W.V.T. Rusch Engineering Honors Colloquium, USC Viterbi School of Engineering. Sept 8, 2006.
13. Simulation in Surgery: Past, Present, and Future. Associated Students of Biomedical Engineering, USC Viterbi School of Engineering. Sept 21, 2006.
14. Women in Male-Dominated Specialties. American Medical Women's Association, USC Chapter, Oct 18, 2006.
15. Acute Hernia Surgery: Modern Options for Repair of the Hernia. Southern California Chapter of the

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- American College of Surgeons, Santa Barbara, CA, Jan 20, 2007.
16. Modern Day Management of Inguinal Hernias: Should You Refer Everyone for Surgery? 12th Annual Scientific and Cultural Meeting of the Academy of Persian Physicians, Palm Springs, CA. Oct 21, 2007.
 17. Management of Ventral Hernias: What's New? Grand Rounds, Harbor-UCLA Department of Surgery, Torrance, CA. Jan 30, 2008.
 18. Bowel Injury from Composix Kugel Hernia Patch. American Hernia Society Hernia Update 2008, Scottsdale, AZ, Mar 13, 2008.
 19. Biologic Meshes: Types, Costs, Advantages, Disadvantages. American Hernia Society Hernia Update 2008, Scottsdale, AZ, Mar 13, 2008.
 20. How to Find a Job/Fellowship after Residency. Career Development Seminar for Women in Surgery. Seattle, WA, Sept 26, 2008.
 21. How to Set Up a Mentoring System. Career Development Seminar for Women in Surgery. Seattle, WA, Sept 26, 2008.
 22. Is Laparoscopic Surgery Always Better than Open? 13th Annual Scientific and Cultural Meeting of the Academy of Persian Physicians, Santa Barbara, CA, Oct 11, 2008.
 23. Hernias: Incarcerated, Strangulated, and Just Plain Gnarly. Los Angeles Surgical Society Acute Care Surgery Symposium, Los Angeles, CA, Nov 15, 2008.
 24. Certification of Surgeons' Skills: Where Are We Now? Grand Rounds, Department of Obstetrics and Gynecology, Cedars-Sinai Medical Center, Nov 19, 2008.
 25. How to be an Effective Mentor. Chief Resident Leadership Retreat, Department of Surgery, Cedars-Sinai Medical Center, Nov 24, 2008.
 26. Hernia Problems You Wished Were Referred Elsewhere. Joint SAGES/American Hernia Society Discussion Panel, Co-Chair. Society of American Gastrointestinal and Endoscopic Surgeons 2009 Surgical Spring Week, Phoenix, AZ, Apr 24, 2009.
 27. Hernia Scientific Session, Co-Moderator. Society of American Gastrointestinal and Endoscopic Surgeons 2009 Surgical Spring Week, Phoenix, AZ, Apr 25, 2009.
 28. Biologic Mesh for Hernias: Indications and Outcomes. Grand Rounds, Department of Surgery, UCLA, Los Angeles, CA, Aug 12, 2009.
 29. Complex Hernias: Improved Patient Outcomes with New Mesh Technology? Grand Rounds, Department of Surgery, Kaiser Permanente, Los Angeles, CA, Jul 7, 2009.
 30. Hernias: Why do we get them? How can we prevent them? 12th Annual Scientific and Cultural Meeting of the Academy of Persian Physicians, Desert Springs, CA, Oct 17, 2009.
 31. Lessons from a (young) female surgeon. Women in Surgery Conference. Department of Surgery, University of Arizona, Tucson, AZ, Nov 17, 2009.
 32. What's New in Complex Abdominal Wounds? Southern California Chapter of the American College of Surgeons, Santa Barbara, Jan 23, 2010.
 33. Challenging Hernias Post-Graduate Course. Co-Director. Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons, National Harbor, MD, Apr 15, 2010.
 34. Is There a Role for Synthetic Mesh in an Infected Field? Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons, National Harbor, MD, Apr 15, 2010.
 35. Biologic Mesh Should Not Be Widely Applied. Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons, National Harbor, MD, Apr 17, 2010.
 36. Hernias in Women. Grand Rounds, Department of Obstetrics and Gynecology. Cedars-Sinai Medical Center, Los Angeles, CA. Jun 16, 2010.
 37. Management Considerations in the Contaminated Abdomen. 14th Annual Hernia Repair, American Hernia Society, San Francisco, CA, Mar 17, 2011.

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38. Management of Hernia-Related Infection: Is There a Standard? 14th Annual Hernia Repair, American Hernia Society, San Francisco, CA, Mar 19, 2011.
39. Are There Situations That Are Better Suited for Laparoscopic or For Open Hernia Repair? Society of American Gastrointestinal and Endoscopic Surgeons, San Antonio, TX, Mar 31, 2011.
40. Hernia Repair and the Role of Biologic Mesh. Kaiser Permanente National Surgical Symposium, Rancho Mirage, CA, Apr 14, 2011.
41. Intra-operative Antibiotic Dosing. Grand Rounds. Glendale Memorial Hospital, Glendale, CA. May 9, 2011.
42. Physician Training and Education for Laparoscopic Inguinal and Ventral Hernia Repairs in the United States. Hernia Research and Development Institute, Beijing, China. Jul 8, 2011.
43. Complicated Inguinal Hernias: Treatment and Case Study. People's Hospital No. 9, Shanghai, China. Jul 10, 2011.
44. Laparoscopic Recurrences after TEP inguinal hernia repair. 97th Annual Clinical Congress of the American College of Surgeons, San Francisco, CA. Oct 23, 2011.
45. Laparoscopic Approach to Post-Inguinal Hernia Repair Pain. Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons. San Diego, CA. Mar 9, 2012.
46. How to Prevent Chronic Pain after Hernia Repair: Laparoscopic Neurectomy. Post-Graduate Course: Chronic Pain after Hernia Repair. 2012 World Hernia Congress. New York, NY. Mar 28, 2012.
47. The Hidden Hernia. 2012 World Hernia Congress. New York, NY. Mar 30, 2012.
48. Indications and Techniques for Onlay, Sublay, and Sandwich mesh hernia repair. IIIrd International Congress of Hernia 2012. Mexico City, Mexico. Jul 26, 2012.
49. Laparoscopic vs Open Parastomal Hernia Repair. IIIrd International Congress of Hernia 2012. Mexico City, Mexico. Jul 26, 2012.
50. Non-surgical Management of Post-Operative Inguinal Hernia Pain. IIIrd International Congress of Hernia 2012. Mexico City, Mexico. Jul 27, 2012.
51. Obesity and its Impact on Hernia Development. IIIrd International Congress of Hernia 2012. Mexico City, Mexico. Jul 27, 2012.
52. Hernia Challenges in Acute Care Surgery. Acute Care Surgery Symposium. Los Angeles Surgical Society. Los Angeles, CA. Nov 10, 2012.
53. Chronic Pain after Hernia Repair. 15th Annual Hernia Repair, American Hernia Society. Orlando, FL. Mar 13, 2013.
54. Chronic Pelvic Pain in Women—The Hidden Hernia. 15th Annual Hernia Repair, American Hernia Society. Orlando, FL. Mar 14, 2013.
55. Hidden Hernias As Cause of Chronic Pelvic Pain. Grand Rounds. Department of Obstetrics & Gynecology. Cedars-Sinai Medical Center. Los Angeles, CA. Mar 20, 2013.
56. Hernias Among Women: How Are We Different? Women's Health Research Symposium. Cedars-Sinai Medical Center. Los Angeles, CA. May 14, 2013.
57. Brief Algorithm for Treatment of Inguinodynia. Annual Scientific Meeting of the Southern California Chapter of the American College of Surgeons. Santa Barbara, CA. Jan 18, 2014.
58. Inguinal Hernias Among Women. 19th Annual Scientific and Cultural Meeting of the Academy of Persian American Physicians. Del Mar, CA. Sept 27, 2014.
59. Simulation in Residency Training: Role of ACS Accreditation of Education Institutes. Annual Scientific Meeting of the Southern California Chapter of the American College of Surgeons. Santa Barbara, CA. Jan 17, 2015.
60. Update 2015: Lap and Open Inguinal Hernias. 1st Annual Global Symposium on Robotic-Assisted and Minimally Invasive Hernia Repair: An International Hernia Collaboration Event. New York, NY. Mar 28,

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2015.

61. Women with No More Pregnancy, Medium Diastasis, Small Umbilical and Epigastric Hernia, and Little Excess Skin: What to Do If They Do Not Want Open Abdominoplasty. 1st World Congress on Abdominal Wall Surgery. Milan, Italy. Apr 27, 2015.
62. Robotic Treatment of Chronic Pain. International Hernia Collaboration Group. Chicago, IL. Oct 4, 2015.
63. The novel use of robotic assistance to advance hernia surgery. 20th Annual Scientific and Cultural Meeting of the Academy of Persian American Physicians. Ojai, CA. Oct 10, 2015.
64. How I Utilize Robotics in a Private Practice General Surgery Setting. Advances in Robotics Hernia Surgery. Cleveland, OH. Oct 23, 2015.
65. Diagnoses and Imaging in Groin Pain. 17th Annual Hernia Repair, Americas Hernia Society. Washington, D.C. Mar 30, 2016.
66. Patient-Centered Applications. 17th Annual Hernia Repair, Americas Hernia Society. Washington, D.C. Mar 30, 2016.
67. Urogenital Pelvic Pain, Oy, What a Mesh! International Pelvic Pain Society. Chicago, IL. Oct, 15, 2016.
68. Discussant, "Longterm Persistent Pain after TransAbdominal PrePeritoneal Groin Hernia Surgery: A Comparison Between Fibrin Sealant and Tacks for Mesh Fixation." Surgical Forum. Clinical Congress, American College of Surgeons. Washington, D.C. Oct 17, 2016.
69. Discussant, "Management of Reducible Ventral Hernias: The Cost-effectiveness of Surgical Repair at Diagnosis Versus Watchful Waiting." Surgical Forum. Clinical Congress, American College of Surgeons. Washington, D.C. Oct 18, 2016.
70. Patient-Focused Communities and Forums: Risks and Benefits. Clinical Congress, American College of Surgeons. Washington, D.C. Oct 18, 2016.
71. How Can Internet and Social Media Help Me and My Practice? 8th Annual Abdominal Wall Reconstruction Summit. Park City, Utah. Feb 3, 2017.
72. Finding Hernia: Practical Guide to Diagnosis. 8th Annual Abdominal Wall Reconstruction Summit. Park City, Utah. Feb 4, 2017.
73. Treatment Options for Diastasis Recti. 8th Annual Abdominal Wall Reconstruction Summit. Park City, Utah. Feb 4, 2017.
74. Optimal Management of the Umbilical Hernia. 18th Annual Hernia Repair, Americas Hernia Society. Cancún, Mexico. Mar 9, 2017.
75. Robotic Inguinal Hernia Repair: Technique, Tips and Tricks. Society of American Gastrointestinal and Endoscopic Surgeons, Houston, TX. Mar 21, 2017.
76. The Complicated Hernia: Chronic Pain and Mesh- Related Problems. Grand Rounds, Department of Surgery. Mayo Clinic. Scottsdale, AZ. May 1, 2017.
77. Social Media and the Surgeon. Grand Rounds, Department of Surgery. University of Arizona. Tucson, AZ. May 19, 2017
78. Social Media and the Academic Surgeon. Grand Rounds, Department of Surgery. UCLA. Los Angeles, CA. May 31, 2017.
79. Hernias among Women. International Hernia Collaboration [Web-based]. Sept 27, 2017.
80. Robotic Inguinal Hernia Repair. Gliblib Grand Rounds [Web-based]. Oct 11, 2017.
81. Umbilical Hernia. Gliblib Grand Rounds [Web-based]. Oct 11, 2017.
82. The Complicated Inguinal Hernia. Gliblib Grand Rounds [Web-based]. Oct 11, 2017
83. Hernias for Urologists: Learning the Hole Story. Grand Rounds, Department of Urology. Cedars-Sinai Medical Center. Los Angeles, CA. Oct 18, 2017.
84. Unusual Abdominal Hernias: Pelvic Hernias. Clinical Congress, American College of Surgeons. San Diego, CA. Oct 24, 2017.

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85. Patient Advocacy. International Hernia Congress. Miami, FL. Mar 14, 2018.
86. When the Radiology Report Fails Us: Differences Between Imaging and Operative Findings. International Hernia Congress. Miami, FL. Mar 15, 2018.
87. What's New in Hernia Mesh. Annual Scientific Meeting of the Southern California Chapter of the American College of Surgeons. Indian Wells, CA. May 11, 2018.
88. Imaging in Inguinal Hernia Diagnosis and Groin Pain. Hernia Diploma course. Cali, Colombia. Jul 13, 2018.
89. Tips and Tricks from the Masters: Laparoscopic Inguinal Hernia. Quality Improvement Summit, American Hernia Society Quality Collaborative, Chicago, IL. Sept 22, 2018.
90. Challenges of Uncommon Hernias. Annual Update in Emergency Surgery Course. Clinical Congress, American College of Surgeons. Boston, MA. Oct 20, 2018.
91. Management and Prevention of Inguinodynia. Clinical Congress, American College of Surgeons. Boston, MA. Oct 22, 2018.
92. Rare Pelvic Hernias. Minimally Invasive Surgery Congress. Tehran, Iran. Dec 6, 2018.
93. Diagnosis of Groin Pain. Abdominal Wall Reconstruction Conference. Pune, India. Jan 13, 2019.
94. Perceptions of Mesh Use in Hernia Repair. American Hernia Society Annual Meeting, Las Vegas, NV. Mar 12, 2019.
95. Laparoscopic Totally Extra-Peritoneal Inguinal Hernia Repair. Hernia Compact Course. Las Vegas, NV. Mar 13, 2019.
96. Controversies in Adolescent MIS Surgery--Rapid Fire Debates: Treatment of Inguinal Hernias--for Mesh. Society of American Gastrointestinal and Endoscopic Surgeons, Baltimore, MD. Apr 3, 2019.
97. Inguinodynia - Working Up This Difficult Problem. Society of American Gastrointestinal and Endoscopic Surgeons, Baltimore, MD. Apr 4, 2019.
98. Groin Pain: What Does the Robot Add to My Practice? Society of American Gastrointestinal and Endoscopic Surgeons, Baltimore, MD. Apr 5, 2019.
99. The Proper Lichtenstein Hernia Repair. International Hernia Collaboration Comprehensive Hernia and Abdominal Wall Reconstruction Course. Yerevan, Armenia. Jul 3, 2019.
100. Inguinal Hernia Repair for Women. International Hernia Collaboration Comprehensive Hernia and Abdominal Wall Reconstruction Course. Yerevan, Armenia. Jul 3, 2019.
101. Chronic Pain after Inguinal Hernia Repair. International Hernia Collaboration Comprehensive Hernia and Abdominal Wall Reconstruction Course. Yerevan, Armenia. Jul 3, 2019.
102. Chronic Pain after Ventral Hernia Repair. International Hernia Collaboration Comprehensive Hernia and Abdominal Wall Reconstruction Course. Yerevan, Armenia. Jul 3, 2019.
103. Hidden Hernias Hurt: The Treatment of Women with Occult Inguinal Hernias. European Hernia Society, Hamburg, Germany. Sept 12, 2019.
104. Diagnosis and Treatment of Rare Pelvic Hernias. European Hernia Society, Hamburg, Germany. Sept 13, 2019.
105. Perceptions of Mesh Use in Hernias: US Perspective. European Hernia Society, Hamburg, Germany. Sept 13, 2019.
106. Robotic Hernia Repair: Is It Worth the Hype? Annual Scientific Meeting of the Southern California Chapter of the American College of Surgeons. Santa Barbara, CA. Jan 10, 2020.
107. Groan... Preventing, Diagnosing, & Treating Groin Pain after Inguinal Hernia Repair. Annual Scientific Meeting of the Southern California Chapter of the American College of Surgeons. Santa Barbara, CA. Jan 11, 2020.
108. Diastasis Recti: Principles of Management. Hernia Carnival 2020. Chennai, India. Mar 5, 2020.
109. Pain and Hernia: How to Prevent and Treat Pain. Society of American Gastrointestinal and

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- Endoscopic Surgeons, Virtual. Aug 11, 2020.
110. Hernia: The Lowly IPOM. A Victim of Social Media? Society of American Gastrointestinal and Endoscopic Surgeons, Virtual. Aug 11, 2020.
 111. Community Practice for the Uninitiated: How to Optimize Office Flow. Society of American Gastrointestinal and Endoscopic Surgeons, Virtual. Aug 11, 2020.
 112. Robotics in general surgery: State of the art practice for hernia. Association of Surgeons of Great Britain and Ireland Virtual Congress. May 6, 2021.
 113. What the Future Holds in Abdominal Wall Reconstruction. Association of Surgeons of Great Britain and Ireland Virtual Congress. May 6, 2021.
 114. Minimally Invasive Hernia Repair without Mesh: Introducing the Robotic Iliopubic Tract Repair (r-IPT). MIS Journal Webinar. Aug 26, 2021.
 115. The Art of Pictures and Video Clips as Educational and Marketing Tools on Instagram and TikTok. Society of American Gastrointestinal and Endoscopic Surgeons. Las Vegas, Nevada. Sept 2, 2021.
 116. Robotic Management of Rectus Diastasis. Americas Hernia Society, Austin, Texas. Sept 23, 2021.
 117. When to Remove the Mesh? European Hernia Society Hernia 2021, Copenhagen, Denmark. Oct 15, 2021.
 118. Diastasis Recti: Symptoms Physical and Psychological. European Hernia Society Hernia 2021, Copenhagen, Denmark. Oct 16, 2021.
 119. Diastasis Recti: Patient Case Scenarios. European Hernia Society Hernia 2021, Copenhagen, Denmark. Oct 16, 2021.
 120. Regional Anesthesia Techniques: Ilioinguinal Block. American College of Surgeons Clinical Congress. Virtual. Oct 23, 2021
 121. Novel Minimally Invasive Option for Tissue Repair. American College of Surgeons Clinical Congress. Virtual. Oct 25, 2021
 122. Robotic Inguinal Hernia Repair -- TAPP; Tips and Trick for Success. American College of Surgeons Clinical Congress. Virtual. Oct 26, 2021
 123. Minimally Invasive Non-Mesh Inguinal Hernia Repair. Society of American Gastrointestinal and Endoscopic Surgeons, Denver. Colorado. Mar 16, 2022.
 124. Building Your Brand. Society of American Gastrointestinal and Endoscopic Surgeons, Denver. Colorado. Mar 19, 2022.
 125. Diastasis: When Is It a Surgical Problem? International Hernia Collaboration. San Jose, Costa Rica. April 5, 2022.
 126. Inguinal Hernia Repair for Women. International Hernia Collaboration. San Jose, Costa Rica. April 6, 2022.
 127. Near Misses U Can't Miss. Hernia Society of India Conference. Virtual. May 7, 2022.
 128. Inguinal and Occult Hernia Radiology. Talking to the (Abdominal) Wall series. International Hernia Collaboration. Virtual. June 23, 2022.
 129. The Professionalism of Social Media: How It Can Make or Break You As a Surgeon. Grand Rounds. University of Houston/HCA Kingwood Department of Surgery. Virtual. July 27, 2022.
 130. The Case for Why It's Not Just a Hernia. South Bay Persian Heritage Foundation. Virtual. Aug 7, 2022.
 131. Robotic Trans-abdominal Pre-peritoneal (rTAPP) Inguinal Hernia Repair. Hernia Society of India Conference. Virtual. Sept 2, 2022.
 132. Understanding Groin MRI. American Hernia Society. Charlotte, North Carolina. Sept 15, 2022.
 133. HerniaTalk: Amplifying Patients' Voices. American Hernia Society. Charlotte, North Carolina. Sept 16, 2022.

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134. Supporting Patients Through Social Media. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 19, 2022.
135. ASIA Syndrome. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 19, 2022.
136. The Clinical Evaluation of the Female Groin. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 20, 2022.
137. Keynote Address: Why Is Mesh Coverage on the Television? 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 21, 2022.
138. Robotic Removal of Mesh. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 21, 2022.
139. Is it Okay to Not Prefer Robotics in the Modern Era of Surgical Training? Western Surgical Association. Nov 7, 2022.
140. Tissue-Based Inguinal Hernia Repair. American College of Surgeons, Southern California Chapter, Annual Meeting. Santa Barbara, CA. Jan 21, 2023.
141. The Challenging Inguinal Hernia Repair. Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Canada. Mar 29, 2023.
142. The Challenging Ventral Hernia Repair. Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Canada. Mar 29, 2023.
143. Demonstrating Worth for New Technology: A surgeon's perspective. Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Canada. April 1, 2023.
144. Indications for Primary Robotic Ventral Hernia Repair. European Hernia Society. Sitges, Spain. May 4, 2023.
145. Minimally Invasive Tissue Repair of Inguinal Hernia: Robotic iliopectic tract repair. Rio de Janeiro, Brazil. May 11, 2023.
146. Mesh Implant Illness. International Hernia Collaboration. Rio de Janeiro, Brazil. May 12, 2023.
147. The Patient Does Not Want Mesh: Why? What Can I Do for Him/Her? VII International Congress of Hernia" of the Mexican Hernia Association (AMH). Virtual. Querétaro, Mexico. July 8, 2023.
148. Minimally Invasive Approach to Inguinal/Femoral Hernias. American College of Surgeons Clinical Congress. Boston, MA. Oct 22, 2023.
149. Do We Need Mesh? Patient and Surgeon Perspectives. American College of Surgeons Clinical Congress. Boston, MA. Oct 24, 2023.
150. The Patient Does Not Want Mesh: Why? What Can I Do for Him/Her? Mexican Association of General Surgery (AMCG). Virtual. Mexico City, Mexico. Nov 9, 2023.
151. Management of complication and groin pain after inguinal hernia surgery. 9th National Hernia Congress Turkish Hernia Society. Istanbul, Turkey. Virtual. Nov 17, 2023.
152. Occult Inguinal Hernias. 9th National Hernia Congress Turkish Hernia Society. Istanbul, Turkey. Virtual. Nov 17, 2023.

Oral Presentations

1. Intestinal ischemia and the gut-liver axis: an in-vitro model. **S Towfigh**, T Heisler, DA Rigberg, OJ Hines, J Chu, DW McFadden. Scientific Session, Association of Veterans Affairs Surgeons, 23rd Annual Surgical Symposium, May 3, 1999.
2. Peptide YY augments gross inhibition by vitamin E succinate of human pancreatic cancer cell growth. T Heisler, **S Towfigh**, N Simon, C Liu, DW McFadden. Scientific Session, Association of Veterans Affairs Surgeons, 23rd Annual Surgical Symposium, May 3, 1999.
3. Peptide YY exhibits mitogenic effect on pancreatic ductal cells while improving acute pancreatitis. **S**

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- Towfigh**, T Heisler, N Simon, DW McFadden. Surgical Forum, American College of Surgeons 85th Clinical Congress, Oct 12, 1999.
4. Outcomes from peptic ulcer surgery have not benefited from advances in medical therapy. **S Towfigh**, DW McFadden, C Chandler, OJ Hines. General Session, American College of Surgeons, Southern California Chapter, Annual Scientific Meeting, Jan 22, 2000.
 5. Porcelain gallbladder is not associated with gallbladder carcinoma. **S Towfigh**, DW McFadden, GR Cortina, JE Thompson, Jr, RK Tompkins, C Chandler, OJ Hines. General Session, American College of Surgeons, Southern California Chapter, Annual Scientific Meeting, Jan 22, 2000. [Resident Research Award]
 6. Allograft tissue can cure patients with complicated infected hernias that fail multiple operations. **S Towfigh**. Hernia Repair 2004, American Hernia Society. Feb 27, 2004.
 7. Initial experience using biologic tissue for hernia repair in contaminated fields: a prospective analysis. **S Towfigh**. Hernia Repair 2005, American Hernia Society. Feb 11, 2005.
 8. Venous bicarbonate measurement eliminates the need for arterial base deficit in the surgical ICU. M Martin, E Fitzsullivan, A Salim, TV Berne, **S Towfigh**. Scientific Session, Pacific Coast Surgical Association, Feb 19, 2005.
 9. Laparoscopic appendectomy is especially warranted for patients with ruptured appendicitis. F Chen, L Chan, N Katkhouda, TV Berne, **S Towfigh**. Scientific Session, SAGES, Apr 15, 2005.
 10. Laparoscopic versus open appendectomy. A prospective randomized double blind study. N Katkhouda, R Mason, **S Towfigh**, R Essani, TV Berne. American Surgical Association, Apr 15, 2005.
 11. Current trends in the management of iatrogenic cervical carotid artery injuries. F Mussa, **S Towfigh**, VL Rowe, K Major, DB Hood, FA Weaver. Western Vascular Surgical Society, Sept 24, 2005.
 12. Natural progression of biochemical markers of biliary tract obstruction in patients with gallstone pancreatitis. M Petrosyan, S Chen, R Mason, H Sohn, TV Berne, **S Towfigh**. Southern California Chapter, American College of Surgeons, Jan 20, 2006.
 13. The use of cognitive task analysis to improve the learning of procedural skills. ME Sullivan, C Brown, S Peyre, A Salim, M Martin, **S Towfigh**, T Grunwald. Association for Surgical Education, Mar 23, 2006.
 14. Acute respiratory distress syndrome in non-trauma surgical patients: a six-year study. **S Towfigh**, MV Peralta, MJ Martin, A Salim, R Kelso, H Sohn, TV Berne, RJ Mason. Western Surgical Association Annual Conference, Nov 5, 2007.
 15. Use of microbical sealant significantly reduces incidence of wound contamination by skin flora. **S Towfigh**, WG Cheadle, SF Lowry, MA Malangoni, SE Wilson. Pacific Coast Surgical Association Annual Meeting, Feb 18, 2008.
 16. Planned early discharge—elective surgical re-admit pathway for patients with gallstone pancreatitis. T Clarke, H Sohn, R Kelso, M Petrosyan, **S Towfigh**, R Mason. Pacific Coast Surgical Association Annual Meeting, Feb 18, 2008.
 17. Long-term outcome after implantation of biologic mesh in dirty or contaminated fields. **S Towfigh**, AH Pooli, C Ma, MV Peralta. Pacific Coast Surgical Association Annual Meeting, Feb 14, 2010.
 18. Chronological study of bacterial flora in contaminated wounds. **S Towfigh**, A Gupta, T Clarke, DM Citron. Surgical Infections Society Annual Meeting, Apr 20, 2010.
 19. To close or not to close trocar sites: does it matter in the obese? D Santos, **S Towfigh**, R Tabrizi, D Liou, S Cunneen, M Burch, EH Phillips. Southern California Chapter, American College of Surgeons, Jan 23, 2011.
 20. Outreach in surgery at the undergraduate level: an opportunity to improve surgical interest among females? AJ Ourian, Y Nasser, S Kohanzadeh, DR Margulies, B Gewertz, S Chen, **S Towfigh**. Southern California Chapter, American College of Surgeons, Jan 23, 2011.
 21. When it's not a Spigelian Hernia: Abdominal cutaneous nerve entrapment syndrome. **S Towfigh**, S

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- Anderson, A Walker. Annual Scientific Meeting of the Southern California Chapter, American College of Surgeons, Jan 18, 2013.
22. Inguinal hernia as a cause of chronic pelvic pain: A key sign to make the diagnosis. CA Saad, DS Kim, **S Towfigh**, MJ Solnik . 43rd AAGL Global Congress on Minimally Invasive Gynecology. Vancouver, BC, Canada. Nov 20, 2014.
 23. Hidden hernias as a cause of chronic pelvic pain. E Zarrinkhoo, **S Towfigh**, J Miller. 1st World Congress on Abdominal Wall Surgery. Milan, Italy. Apr 27, 2015.
 24. Does Mesh Removal Relieve Pain In Those With Mesh-Related Chronic Pain? E Zarrinkhoo, **S Towfigh**. 17th Annual Hernia Repair, Americas Hernia Society. Washington, DC. Apr 2, 2016.
 25. Opiates May Be Avoided for the Majority of Low-Risk Outpatient Procedures. R Dbeis, **S Towfigh**. Pacific Coast Surgical Association Annual Meeting, Feb 18, 2017.
 26. Radiologists Commonly Miss Inguinal Hernias: A Call for Standardization of Reports. **S Towfigh**, Y Shafik. 18th Annual Hernia Repair, Americas Hernia Society. Cancún, Mexico. Mar 9, 2017.
 27. Clinical Value of Hernia Mesh Pathology. N Fadaee, L Mazer, R Sharma, I Capati, B Balzer. **S Towfigh**. Annual Scientific Meeting of the Southern California Chapter, American College of Surgeons, Jan 25, 2019.
 28. Modified Robotic Iliopubic Tract Repair with Mesh to Treat Chronic Pelvic Pain in Patients with Ehlers Danlos Syndrome. D Huynh, N Fadaee, **S Towfigh**. European Hernia Society, Hamburg, Germany. Sept 12, 2019.
 29. #mesh: Social Media and Its Influence on Surgical Care. N Fadaee, D Huynh, **S Towfigh**. Annual Scientific Meeting of the Southern California Chapter, American College of Surgeons, Jan 10, 2020.
 30. Thou Shalt not Trust Online Videos for Inguinal Hernia Repair Techniques. D Huynh, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons. Cleveland, OH. Virtual. Aug 11, 2020.
 31. Is Groin Pain the New Angina? Exposing Sex Differences in Inguinal Hernia Symptoms. D Huynh, N Fadaee, **S Towfigh**. Americas Hernia Society. Virtual. Sept 25, 2020.
 32. Evaluating the Risk of Surgical Neurectomies. X Feng, N Fadaee, D Huynh, I Capati, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons. Las Vegas, Nevada. Aug 31, 2021.
 33. Outcomes from Laparoscopic versus Robotic Mesh Removal after Inguinal Hernia Repair. DT Huynh, X Feng, N Fadaee, N Gonsalves, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons. Las Vegas, Nevada. Aug 31, 2021.
 34. Robotic Posterior Plication of Diastasis Recti: Early Experience and Lessons Learned. X Feng, N Fadaee, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons. Las Vegas, Nevada. Sept 3, 2021.
 35. Long-Term Outcomes after Inguinal Hernia Mesh Removal: Does Surgical Approach Matter? D Huynh, R Tung, N Fadaee, Z Khanmohammed, N Gonsalves, I Capati, **S Towfigh**. Americas Hernia Society. Austin, Texas. Sept 23, 2021.
 36. Physician Representation on Social Media: A Boon for Females and Surgeons? N Fadaee, Z Khanmohammed, **S Towfigh**. Western Surgical Association, Indian Wells, CA. Nov 7, 2021.
 37. Incisional Hernia Repair with Mesh Re-imagined: Pilot Study Using Abdominoplasty as Permanent Autologous Biological Reinforcement in Hernia Repair. R Tung, N Fadaee, R Rahban, **S Towfigh**. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 18-22, 2022.
 38. Trends in Inguinal Hernia Repair: A Tailored Approach. Z Khanmohammed, N Fadaee. D Huynh, I Capati, R Tung, **S Towfigh**. 44th Annual International Congress of European Hernia Society. Manchester, UK. Oct 18-22, 2022.
 39. Traditional Chinese Medicine Supplement Reduces Pain Faster and More than Conventional Pain Pills Alone. K Hart, DTK Huynh, C Oh, C Herndon, N Fadaee, I Capati, P Turek, **S Towfigh**. Annual Scientific

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Meeting of the Southern California Chapter, American College of Surgeons. Jan 19, 2023.

40. Sex-Based Differences in Inguinal Hernia Development. S Pivo, D Huynh, C Oh, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Canada. Mar 30, 2023.
41. Mesh Implant Illness (MII): Does Surgical Management Beyond Mesh Removal Matter? H Wong, C Oh, **S Towfigh**. Pacific Coast Surgical Association, Rancho Mirage, CA. Feb 10, 2024.
42. Hidden Hernias Hurt: A plea for early diagnosis and treatment of occult inguinal hernias. H Wong, C Oh, **S Towfigh**. Society of American Gastrointestinal and Endoscopic Surgeons. Cleveland, OH. April 18, 2024.

Poster/Mini-Oral/Video presentations:

1. Peptide YY and vitamin E inhibit hormone-sensitive and -insensitive breast cells. T Heisler, **S Towfigh**, N Simon, DW McFadden. Association for Academic Surgery, Philadelphia, Pennsylvania, Nov 18-20, 1999.
2. Peptide YY augments the inhibitory effects of alpha-tocopherol succinate on prostate cancer cell growth. AT Rose, T Heisler, **S Towfigh**, N Simon, DW McFadden. 101st Annual Meeting of the American Gastroenterological Association and the Digestive Disease Week. San Diego, California, May 21-24, 2000.
3. Peptide YY exhibits mitogenic effect on pancreatic acinar cells while improving acute pancreatitis. K Kazanjian, **S Towfigh**, DW McFadden. 101st Annual Meeting of the American Gastroenterological Association and the Digestive Disease Week. San Diego, California, May 21-24, 2000.
4. N-Acetylcysteine blocks gut-liver axis in vitro independent of endotoxin. **S Towfigh**, OJ Hines, T Heisler, J Chu, DW McFadden, C Chandler. 101st Annual Meeting of the American Gastroenterological Association and the Digestive Disease Week. San Diego, California, May 21-24, 2000.
5. Peptide YY does not affect cell cycle while improving pancreatitis and increasing pancreatic duct cell growth. **S Towfigh**, T Heisler, N Simon, DW McFadden. 101st Annual Meeting of the American Gastroenterological Association and the Digestive Disease Week. San Diego, California, USA May 21-24, 2000.
6. Allograft tissue provides definitive cure for patients with complicated infected recurrent hernias. **S Towfigh**. 26th International Congress of the European Hernia Society, Prague, Czech Republic, Apr 29-May 1, 2004.
7. When all else fails, use of human cadaveric allograft can cure patients with highly infected hernias. **S Towfigh**, TV Berne. Pacific Coast Surgical Association, Dana Point, CA, Feb 20, 2005.
8. A surgical skills lab elective can improve senior medical student confidence prior to surgical internship. SE Peyre, ME Sullivan, CG Peyre, **S Towfigh**. Association for Academic Surgery, San Diego, CA, Feb 8, 2006.
9. Hyperbilirubinemia in appendicitis: a new predictor of perforation. J Estrada, R Mason, M Petrosyan, **S Towfigh**, H Sohn, TV Berne. Society for Surgery of the Alimentary Tract, Los Angeles, CA, May 23, 2006. [Poster of Distinction oral presentation]
10. Bacteriology of breast abscesses in the era of methicillin-resistant Staphylococcus aureus. A Moazzez, R Kelso, **S Towfigh**, H Sohn, T Berne, R Mason. Pacific Coast Surgical Association, Hilo, HI. Feb 18, 2007.
11. Obesity should not affect management of appendicitis. **S Towfigh**, F Chen, N Katkhouda, R Kelso, H Sohn, T Berne, R Mason. Pacific Coast Surgical Association, Hilo, HI. Feb 18, 2007.
12. Psoas abscess rarely requires surgical intervention. WN Yacoub, HJ Sohn, S Chan, M Petrosyan, HM Vermaire, RL Kelso, **S Towfigh**, RJ Mason. Southwestern Surgical Congress, Rancho Mirage, CA. Mar 26, 2007. [Poster of Distinction]
13. What do women think? Perspectives of women surgeons. JO Chan, **S Towfigh**, RL Kelso, JA Freischlag. Association of Women Surgeons Annual Meeting, New Orleans, LA. Oct 7, 2007.
14. Medical student skills needs assessment: Implications for a skills curriculum. **S Towfigh**, R Javrija.

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AAMC, Washington, DC. Nov 5, 2007.

15. Needs assessment for improving surgical resident communication with patients and their family in the immediate post-operative period. **S Towfigh**. Innovations in Medical Education, Los Angeles, CA. Mar 9, 2008.
16. Ultrasound-based aortic navigation system: preliminary data. J Mung, S Han, D Fullerton, A Bond, B Liu, **S Towfigh**, F Weaver, J Yen. Stanford Abdominal Aortic Aneurysms Summit. Stanford, CA. Sept 4, 2008.
17. Efficacy of tigecycline versus ceftriaxone and metronidazole for complicated intra-abdominal infections: Americas study 400. **S Towfigh**, J. Pasternak, A. Poirier, H. Leister, T. Babinchak on behalf of the 400 Study Group. 19th European Congress of Clinical Microbiology and Infectious Diseases, Helsinki, Finland. May 16, 2009.
18. Daily Probing of Contaminated Wounds Significantly Reduces Wound Infections. **S Towfigh**, T Clarke, W Yacoub, AH Pooli, R Mason, N Katkhouda, T Berne. Pacific Coast Surgical Association, Maui, Hawaii. Feb 14, 2010.
19. Laparoscopic Retroperitoneal Triple Neurectomy: A New Technique for Post-Herniorrhaphy Neuralgia. D Santos, **S Towfigh**. Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons, Landover, Maryland. April 14-17, 2010.
20. Retroperitoneal anatomy: Implications for inguinodynia. A Mannan, A Walker, E Stark, **S Towfigh**. Josiah Brown Poster Fair, David Geffen School of Medicine at UCLA, Los Angeles, CA. Jul 27, 2010.
21. Defining “complex abdominal wall hernia”: Consensus of a global panel of hernia repair experts. J Conze, H VanGoor, **S Towfigh**. International Congress of European Hernia Society, Istanbul, Turkey, Oct 6-9, 2010.
22. Retroperitoneal anatomy: implications for inguinodynia. A Mannan, A Walker, E Stark, **S Towfigh**. Association for Academic Surgery, Huntington Beach, CA, Feb 3, 2011.
23. Role of imaging in diagnosis of hidden hernias. J Miller, M Michael, R Saouaf, **S Towfigh**. Pacific Coast Surgical Association, Dana Point, CA. Feb 14-17, 2014.
24. Beyond recurrence: Recognizing the pathologies of the postoperative groin. J Miller, **S Towfigh**, R Saouaf. 100th Scientific Assembly and Annual Meeting of the Radiological Society of North America. Chicago, IL. Nov 30-December 5, 2014. [Cum laude award]
25. Ankylosing spondylitis as a rare presentation of groin pain. E Zarrinkhoo, J Miller, A Walker, M Weisman, **S Towfigh**. 1st World Congress on Abdominal Wall Surgery. Milan, Italy. Apr 25-29, 2015.
26. Inguinal hernia as a cause of chronic pelvic pain: A key sign to make the diagnosis. CA Saad, DS Kim, **S Towfigh**, MJ Solnik. The Annual Clinical and Scientific Meeting of the American Congress of Obstetrics and Gynecology. San Francisco, CA. May 2-6, 2015.
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I. PATENTS GRANTED:

U.S. Issued Patents:

1. U.S. Patent No. 10,433,943 (HEX-001WOC1; Female Onlay Mesh)
2. U.S. Patent No. 11,324,579 (HEX-001WOC2; Neutral Inguinal Hernia Repair Method)
3. U.S. Patent No. 11,207,169 (HEX-001WOC5; Neutral Sublay Inguinal Repair Method)
4. U.S. Patent No. 11,219,516 (HEX-001WOC6; Neutral Sublay Inguinal Mesh)

Foreign Granted / Allowed Patent Applications:

1. Singapore Granted Patent SG 11201707850 (Female Sublay Mesh)
2. China Allowed Application CN 2019103351290 (Female Sublay Mesh)
3. China Allowed Application CN 2019112384876 (Onlay Inguinal Mesh)