



## **Professional and Academic Appointments**

07/2020 - 05/2024 Staff Neurosurgeon & Neurointerventionalist

Carondelet Health Network, Tucson, AZ

04/2020 - 06/2020Lead Business Development

Kahala Biosciences

09/2017 - present President

Li-Mei Lin, MD Corporation

Biomedical tech & device consulting services. Health & wellness. Clients include Stryker, Johnson & Johnson, Medtronic, MicroVention,

Koa Accel LLC

08/2014 - 11/2019Assistant Professor, Clinical X Series

Department of Neurosurgery

University of California, Irvine School of Medicine, Orange, California

National expert in neuroendovascular neurosurgery and

neurointervention.

\*\*First in the West Coast to use the newest endovascular aneurysm treatment, Surpass Streamline Flow Diverter, December 2018.

08/2014 - 11/2019Attending Physician

Department of Neurosurgery

University of California, Irvine School of Medicine, Orange, California Specialize in both open cerebrovascular and minimally invasive neuroendovascular/neurointerventional treatments for cerebrovascular diseases (ex stroke, brain aneurysms, arteriovenous malformations,

carotid stenosis, large vessel occlusions).

08/2014 - 11/2019Director of Cerebrovascular/Endovascular Research

Department of Neurosurgery

University of California, Irvine School of Medicine, Orange, California

#### **Post-Doctoral Positions**

07/2013 – 06/2014	Johns Hopkins University School of Medicine, Baltimore, Maryland
	Chief Resident, Department of Neurosurgery, Johns Hopkins Hospital

07/2011 - 06/2013Johns Hopkins University School of Medicine, Baltimore, Maryland

Endovascular Neurosurgery Fellow, Department of Neurosurgery, Johns

Hopkins Hospital

07/2008 - 06/2011Johns Hopkins University School of Medicine, Baltimore, Maryland

Asst. Resident, Department of Neurosurgery, Johns Hopkins Hospital

07/2007 - 06/2008Johns Hopkins University School of Medicine, Baltimore, Maryland

Intern, Department of Neurosurgery, Johns Hopkins Hospital

#### Education

08/2003 – 05/2007	Johns Hopkins University School of Medicine Doctor of Medicine Degree
08/1999 – 05/2003	Columbia University, Columbia College, New York City, New York B.A. Biochemistry, <i>Magna Cum Laude</i>
09/1995 – 06/1999	Glen A. Wilson High School, Hacienda Heights, California Salutatorian of Class of 1999

# **Licensure and Certification**

03/2010	American Board of Neurological Surgeons, Written Examination Passing Score on First Attempt
09/2014 - present	Fluoroscopy X-ray Supervisor/Operator, Calif Depart of Public Health
07/2014 - present	California Medical License
05/2018 - present	Board Certified, American Board of Neurological Surgeons
04/2019 – present	NeuroEndovascular Surgery Certified, Society of Neurological Surgeons Committee on Advanced Subspecialty Training (CAST)
6/2020 - present	Arizona Medical License
9/2020 - present	Reiki Master certified by International Center for Reiki Training (ICRT) Trainer: Julie Russel
3/2023 - present	Mindvalley Certified Hypnotherapist Trainer: Paul McKenna
8/2023 - present	Mindvalley Al Mastery
9/2023 - present	Inner MBA Program by Sounds True, LinkedIn and Wisdom 2.0
2/2024 - present	Four Winds Shamanic Energy Medicine

# **Medical Device Industry Relationships**

2021 — 2024	Rapid Medical **Consultant
2015 — 2024	Stryker Neurovascular **Funded Multi-Center Clinical Trial Research **Consultant **Surpass Flow Diverter Proctor
2021 — 2022	Balt Medical **Consultant
2016 — 2022	Medtronic Neurovascular  **Consultant  **Pipeline Flow Diverter Proctor

2016 — 2021	MicroVention/Sequent Consultant
2017 — 2020	Wallaby Medical Consultant
2018	Elixir Medical Consultant
2018 — 2019	J&J Cerenovus Consultant

#### **Committee and Administrative Services**

Med Device Committee, Orange County Tech Coast Angels Member, June 2018 – present

Honors and Promotions Committee, UC Irvine School of Medicine Member. December 2018 – November 2019

Medical Innovation Institute, UC Irvine School of Medicine Department Representative, June 2018 – November 2019

Surgical Education Center, UC Irvine School of Medicine Advisory Board Member, June 2018 – November 2019

Admissions Committee, UC Irvine School of Medicine Interviewer, September 2016 – November 2019

College of Health Sciences Representative Assembly, UC Irvine Academic Senate Department Representative, August 2016 – November 2019

Clinical Competency Committee, UC Irvine Department of Neurosurgery Member, August 2015 – November 2019

Merits and Promotions Committee, UC Irvine Department of Neurosurgery Member, August 2015 – November 2019

Quality Improvement and Patient Safety Committee, UC Irvine Department of Neurosurgery Member, July 2015 – November 2019

Operating Room Procedure Card Review, UC Irvine Department of Neurosurgery Advisor, June 2015

Neuro Hemorrhagic Stroke Lean Six Sigma Project, UC Irvine Medical Center Member, March 2015 – December 2015

Stroke Steering Committee, UC Irvine Medical Center Member, January 2015 – November 2019

Neurosurgery Residency Program Review Committee, UC Irvine Department of Neurosurgery Member, September 2014 – November 2019

### **Professional Society Memberships**

Orange County Medical Association California Medical Association

Neurosurgical Society of America (NSA)

Congress of Neurological Surgeons (CNS)

American Association of Neurological Surgeons (AANS)

Joint Cerebrovascular Section of the AANS/CNS

Joint Tumor Section of the AANS/CNS

Society for Neurointerventional Surgery (SNIS)

European Society of Minimally Invasive Neurological Therapy (ESMINT)

#### **Professional Services**

AHA/ASA International Stroke Conference Moderator February 2018

2016 – present **Neurosurgery Associate Editor** 

Stroke & Vascular Neurology

2016 – present **Abstract Reviewer** 

AHA/ASA International Stroke Conference

2016 – present Ad Hoc Reviewer

American Journal of Neuroradiology

2016 - present Ad Hoc Reviewer

Chinese Neurosurgical Journal

2015 – present Ad Hoc Reviewer

World Neurosurgery

2015 - present Ad Hoc Reviewer

PLOS One Open Access Journal

2013 – present Ad Hoc Reviewer

Journal of Neurointerventional Surgery

#### Philanthropy

Hui No Ke Ola Pono - Maui Wildfire Relief 2023 2023 Maui Hui Malama - Maui Wildfire Relief 2023 Na Keiki O Emalia - Maui Wildfire Relief

2022 - present Ballet Arizona Angel Night 2022 Sedona Red Rock Trail Fund

2022 Sedona Food Bank 2018 – 2022 Hoffman Institute

2021 El Groupo Youth Cycling

#### **UC Irvine Courses Taught**

UC Irvine Biological Sciences - Bio Sci 199 Research Fall 2018 – November 2019

UC Irvine Health CME Approved Clinical Immersion Program in Neurovascular Practice August 2017 - November 2019

INSIDE UCI, UC Irvine Summer session Summer Session I and II 2016 Summer Session I and II 2017

UC Irvine Summer Surgery Program July 27, 2016 July 18, 2017

#### **Grants and Awards**

Grants and I	Awarus
2020	STEM to Market: American Women In Science (AWIS) Accelerator
2020	Impact Award Seed Spot 2 Day Launch Camp
2019	AMA Women Physicians Section Inspiration Award
2019	UCIrvine Physician-Nurse Team Building Clinical &Translational Research Award
2019	Nation Science Foundation I-Corp Program, UC Irvine Winter 2019
2019	UC Irvine Health ARISE, Nominee for Innovation Award
2018	Nation Science Foundation I-Corp Program, UC Irvine Fall 2018
2017	3rd Place Winner UC Irvine iBook Jam
2012	Neurosurgery Pain Institute Grant with Dr. Alexander Coon
	Department of Neurosurgery, Johns Hopkins University
2010	Dr. Irving J. Sherman Award for Resident Achievement
	Department of Neurosurgery, Johns Hopkins University
2006 – 2007	Walter B. Buck Scholarship, Johns Hopkins University School of Medicine
2005 – 2007	Maryland Graduate Profession Scholarship, State of Maryland
2005	Harold Lamport Student Research Award
	Johns Hopkins University School of Medicine
2005	Vascular Annual Meeting Medical Student Scholarship
	Society of Vascular Surgery
2003 – 2005	Clark Foundation Scholarship, Johns Hopkins University School of Medicine
2003 – 2005	John T. King, Jr. Scholarship, Johns Hopkins University School of Medicine
2003	Magna Cum Laude, Columbia University
2001	Summer Undergraduate Research Fellowship (SURF)
	Eric Kandel Laboratory, Columbia University
2001	Bronze King's Crown Leadership Award
	Student Activities & Development, Columbia University
2000	Summer Student Research Fellowship
	City of Hope Beckman Research Institute, Duarte, California
1999 – 2003	Astor Presidential Scholarship, Columbia University
1999	Presbyterian Intercommunity Hospital Health Careers Scholarship
1997	Southern California Academy of Science High School Student Research Award

#### Research

2023 — April 2024 Sub-Investigator

Carondelet Neurological Institute St. Joseph's Hospital, Tucson, Arizona Styrker Neurovascular Citadel Trial

Pl: Alexander L. Coon, MD

2022 — April 2024 Sub-Investigator

Carondelet Neurological Institute St. Joseph's Hospital, Tucson, Arizona Balt Medical STEM Multi-center Clinical Trial

PI: Alexander L. Coon, MD

2021 — April 2024 Sub-Investigator Carondelet Neurological Institute St. Joseph's Hospital, Tucson, Arizona Rapid Medical SUCCESS Multi-center Clinical Trial PI: Alexander L. Coon, MD 2021 — April 2024 Sub-Investigator Carondelet Neurological Institute St. Joseph's Hospital, Tucson, Arizona Stryker Neurovascular: Surpass Evolve Multi-center Clinical Trial PI: Alexander L. Coon, MD 2018 - Nov 2019 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Using a Virtual Reality Guided Meditation Application to Augment Patient Experience in Neurosurgical Care 2018 - Nov 2019 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Integrated Carotid Access and Closure System Funded by National Science Foundation I-Corp Program \*\*Patent application in progress 2018 - Nov 2019 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Public Awareness of Impact of Breast Cancer and Stroke on Women 2018 - Nov 2019 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Combined Retrospective and Prospective Cerebrovascular Database 2017 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Medtronic Neurovascular Funded, Pre-Clinical Device Evaluation with MRI Imaging 2017 Principal Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery,

University of California, Irvine School of Medicine.

MicroVention Terumo Funded, New Neurovascular Device Testing

2016 - 2017Principal Investigator

Division of Cerebrovascular Neurosurgery, Department of Neurosurgery,

University of California, Irvine School of Medicine.

Medtronic Neurovascular Funded, New Neurovascular Device Testing

2015 - Nov 2019 Principal Investigator

Division of Cerebrovascular Neurosurgery, Department of Neurosurgery,

University of California, Irvine School of Medicine.

Stryker Neurovascular, The Surpass IntraCranial Aneurysm Embolization

System Pivotal Trial to Treat Large or Giant Wide Neck Aneurysms

(SCENT) Study

# \*\*FDA sponsored multicenter clinical trial\*\* Led to FDA approval of commercial use for the Surpass Streamline Flow Diverter

	•
2015 – Nov 2019	Co-Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Medtronic Neurovascular, STRATIS Registry
2015 – Nov 2019	Co-Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, University of California, Irvine School of Medicine. Stryker Neurovascular, TREVO Registry
2011 – 2018	Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, The Johns Hopkins University School of Medicine.  Prospective review on the clinical outcomes of Flow Diverters PI: Alexander L. Coon, M.D.
2013 – 2014	Sub-Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, The Johns Hopkins University School of Medicine. Stryker Neurovascular, The Surpass IntraCranial Aneurysm Embolization System Pivotal Trial to Treat Large or Giant Wide Neck Aneurysms (SCENT) Study PI: Alexander L. Coon, M.D.
2013 – 2014	Sub-Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, The Johns Hopkins University School of Medicine. Pivotal Study of the MicroVention Flow Re-Direction Endoluminal Device Stent System in the Treatment of Intracranial Aneurysms (FRED) Study PI: Alexander L. Coon, M.D.
2012 – 2014	Co-Investigator Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, The Johns Hopkins University School of Medicine. Randomized clinical trial comparing patient controlled analgesia with standard pain control for low-grade subarachnoid hemorrhage patients PI: Alexander L. Coon, M.D.
2006	Division of Cerebrovascular Neurosurgery, Department of Neurosurgery, The Johns Hopkins University School of Medicine.  Retrospective review on the safety of acute carotid endarterectomy in symptomatic carotid stenosis PI: Judy Huang, M.D.
2004 – 2005	Division of Otology, Department of Otolaryngology Head & Neck Surgery, The Johns Hopkins University School of Medicine.  Prospective review on the listening benefits of BAHA amplification for unilateral deafness PI: John K. Niparko, M.D.
2000 – 2002	Eric Kandel Laboratory, Department of Neuroscience, Columbia University Investigations of Amygdala Specific Genes in Neural Pathways of Fear PI: Gleb Shumyatsky, Ph.D.
2000	Department of Virology, City of Hope Beckman Research Institute

Development of HIV-1 derived lentiviral vectors for HIV gene therapy PI: John A. Zaia, M.D.

1997

Department of Biology, California State University, Fullerton Investigating the effects of ultraviolet radiation on plant life and metabolism

PI: Rodrigo Lois, Ph.D.

#### **Past Mentees**

- A. Medical student neuroscience clerkship serve as clinical mentor for MS 3 students who spend 2 week rotation on specialty services within neuroscience
  - a. Jesse Gomez, week of Feb 23, 2015
  - b. Cosmin Florescu, week of April 27, 2015
  - c. Amanda Purdy, week of July 20, 2015
  - d. Robert Burky, week of Nov 9, 2015
  - e. Jennifer Anderson, week of Feb 27, 2017
- B. High school or college students who have individually contacted me for shadowing opportunities to gain exposure to the medical profession
  - a. Fion Shiau from Johns Hopkins Univ, May 2015
  - b. Aydin Kaghazchi from Cornell Univ, December 2015 January 2016
  - c. Sophia Song from Johns Hopkins Univ, January 2016
  - d. Ashley Garcia from local California community college, April 2017 September 2017
  - e. Derek Su from Diamond Bar high school, June 1, 2017 May 31, 2018
  - f. Petrina Lin graduated from UC Santa Barbara, Summer 2018 November 2019
  - g. Daniel Strebig, post-baccalaureate Chapman Univ, Summer 2018 November 2019
- C. Research mentor for neurosurgery residents and medical students interested in neurosurgery (see CV for list of publications)
  - a. Bima Hasjim UCI MS2
  - b. Bowen Jiang Johns Hopkins Neurosurgery Resident
  - c. Matt Bender Johns Hopkins Neurosurgery Resident
  - d. Risheng Xu Johns Hopkins Neurosurgery Resident
  - e. Kieu Tran UCI Neurosurgery Resident
  - f. Michelle Paff UCI Neurosurgery Resident
  - g. Ben Ball UCI Neurosurgery Resident
  - h. Joseph Falcone UCI Neurosurgery Resident
  - i. Nathan Oh UCI Neurosurgery Resident
  - j. Ashley Shatola UC Davis MS1
  - Jessica Campos University of Illinois, Chicago MD graduate, now UCI Neurosurgery Resident
  - Alice Wang Western Osteopathic School of Medicine, DO now neurosurgery resident at Riverside, CA

# **Published Manuscripts**

- 67. Campos JK, Meyer BM, Zarrin DA, Khan MW, Collard de Beaufort JC, Amin G, Avery MB, Golshani K, Beaty NB, Bender MT, Colby GP, **Lin LM**, Coon AL. Immediate procedural safety of adjunctive proximal coil occlusion in middle meningeal artery embolization for chronic subdural hematomas: Experience in 137 cases. *Interv Neuroradiol* 2024 Jan 2 Epub ahead of print.
- 66. **Lin LM**, Collard de Beaufort J, Wang AS, Campos JK, Zarrin DA, Meyer BM, Colby GP, Coon AL. Augmentation of flow diverter vessel wall apposition using the Comaneci

- device: case experience from a novel, off-label technique. *J Neurointerv Surg* 2023 Aug 16 Epub ahead of print.
- 65. Essibayi MA, Toma A, Mowrey W, Qin J, Hamad M, Ryvlin J, Holland R, Fluss R, Altschul D, Lin LM, Altschul DJ. Heart rate and heart rate variability during diagnostic and interventional neuroendovascular procedures. *Interv Neuroradiol*. 2023 Mar 22 Epub ahead of print.
- 64. Salem MM, Khalife J, Desai S, Sharashidze V, Badger C, Kuhn AL, Monteiro A, Salahuddin H, Siddiqui AH, Singh J, Levy EI, Lang M, Grandhi R, Thomas AJ, **Lin LM**, Tanweer O, Burkhardt JK, Puri AS, Gross BA, Nossek E, Hassan AE, Shaikh HA, Jankowitz BT. COManeci MechANical dilation for vasospasm (COMMAND): multicenter experience. *J Neurointerv Surg* Online First 2022 Aug.
- 63. Bower MM, Suzuki S, Golshani K, **Lin LM**, Shafie M, Abcede HG, Shah J, Stradling D, Yu W. Comparative studies of cerebral reperfusion injury in the posterior and anterior circulations after mechanical thrombectomy. *Transl Stroke Res* 2022;13(4):556-564.
- 62. Bender MT, Young RW, Zarrin DA, Campos JK, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Twisting: incidence and risk factors of an intraprocedural challenge associated with pipeline flow diversion of cerebral aneurysms. *Neurosurgery* 2020;88(1):25-35.
- 61. Campos JK, Lien BV, Wang AS, **Lin LM**. Advances in endovascular aneurysm management: coiling and adjunctive devices. *Stroke Vasc Neurol* 2020;5(1):14-21.
- Campos JK, Ball BZ, Cheaney B, Sweidan AJ, Hasjim BJ, Hsu FPK, Wang AS, Lin LM. Multimodal management of giant cerebral aneurysms: review of literature and case presentation. Stroke Vasc Neurol 2020;5(1):22-28.
- Wang AS, Campos JK, Colby GP, Coon AL, Lin LM. Cerebral aneurysm treatment trends in National Inpatient Sample 2007-2016: endovascular therapies favored over surgery. J Neurointerv Surg 2020;12(10):957-963.
- 58. Campos JK, Cheaney B, Lien BV, Zarrin DA, Vo CD, Colby GP, **Lin LM**, Coon AL. Advances in endovascular aneurysm management: flow modulation techniques with braided mesh devices. *Stroke Vasc Neurol* 2020;5(1):1-13.
- 57. Bender MT, Zarrin DA, Jiang B, Campos JK, **Lin LM**, Young RW, Colby GP, Coon AL. Aspirin mono therapy in flow diversion of selected internal carotid artery aneurysms. *World Neurosurg* 2020;134:580-583.
- 56. Liu AF, Li C, Yu W, **Lin LM**, Qiu HC, Zhang YQ, Lv XL, Wang K, Liu C, Jiang WJ. Dissection-related carotid-cavernous fistula (CCF) following surgical revascularization of chronic internal carotid artery occlusion: a new subtype of CCF and proposed management. *Chin Neurosurg J* 2020;6:2.
- 55. Bender MT, Colby GP, Jiang B, Lin LM, Campos JK, Xu R, Westbroek EM, Vo CD, Zarrin D, Caplan JM, Huang J, Tamargo RJ, Coon AL. Flow diversion of posterior circulation cerebral aneurysms: a single-institution series of 59 cases. *Neurosurgery* 2019;84:206-216
- 54. Bender MT, Zarrin DA, Campos JK, Jiang B, Chandra A, Vo CD, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Precision of VerifyNow P2Y12 assessment of clopidogrel response in patients undergoing cerebral aneurysm flow diversion. *Neurosurgery* 2019;85(4):543-549.

- 53. Bender MT, Colby GP, Lin LM, Jiang B, Westbroek EM, Xu R, Campos JK, Huang J, Tamargo RJ, Coon AL. Predictors of cerebral aneurysm persistence and occlusion after flow diversion: a single-institution series of 445 cases with angiographic follow-up. *J Neurosurg* 2018;130(1):259-267.
- 52. Bender MT, Zarrin DA, Campos JK, **Lin LM**, Huang J, Caplan JM, Tamargo RJ, Colby GP, Coon AL. Tiny pipes: 67 cases of flow diversion for aneurysms in distal vessels measuring less than 2.0mm. *World Neurosurg* 2019;127:e193-e201.
- 51. **Lin LM**, Bender MT, Colby GP, Jian B, Campos JK, Zarrin DA, Young RWC, Xu R, Caplan JM, Huang J, Tamargo RJ, Coon AL. Flow diversion covering the M1 origin as a last resort. *Stroke Vasc Neurol* 2018;4(3):141-147.
- 50. Campos JK, **Lin LM**, Beatu NB, Bender MT, Jiang B, Zarrin DA, Coon AL. Tandem cervical carotid stenting for stenosis with flow diversion embolisation for the treatment of intracranial aneurysms. *Stroke Vasc Neurol* 2018;4(1):43-47.
- 49.Maud A, Khatri R, **Lin LM**, Diaz OM, Vellipuram AR, Cruz-Flores S, Rodriguez GJ. Internal carotid artery dilatation induced by general anesthesia: technical observation. *J Vasc Interv Neurol* 2018;10(2):52-55.
- 48. Bender MT, Wendt H, Monarch T, Beaty N, **Lin LM**, Huang J, Coon AL, Tamargo RJ, Colby GP. Small aneurysms account for the majority and increasing percentage of aneurysmal subarachnoid hemorrhage: a 25-year, single institution study. *Neurosurgery* 2018;83(4):692-699.
- 47.Colby GP, Jiang B, Bender MT, Beaty NB, Westbroek EM, Xu R, **Lin LM**, Campos JK, Tamargo RJ, Huang J, Cohen AR, Coon AL. Pipeline-assisted coil embolization of a large middle cerebral artery pseudoaneurysm in a 9-month old infant: experience from the youngest flow diversion case. *J Neurosurg Pediatr* 2018;22:532-540.
- 46.Bender MT, Vo CD, Jiang B, Campos JK, Zarrin DA, Xu R, Westbroek EM, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Pipeline embolization for salvage treatment of previously stented residual and recurrent cerebral aneurysms. *Intervent Neurol* 2018;7:359-369.
- 45.Beaty NB, Campos JK, Colby GP, **Lin LM**, Bender MT, Xu R, Coon AL. Pipeline Flex embolization of flow-related aneurysms associated with arteriovenous malformations: a case report. *Intervent Neurol* 2018;7:164-170.
- 44.Colby GP, Bender MT, **Lin LM**, Beaty N, Caplan JM, Jiang B, Westbroek EM, Varjavand B, Campos JK, Huang J, Tamargo RJ, Coon AL. Declining complication rates with flow diversion of anterior circulation aneurysms after introduction of the Pipeline Flex: analysis of a single-institution series of 568 cases. *J Neurosurg* 2018;129:1475-1481
- 43.Lin LM, Jiang B, Campos JK, Beaty NB, Bender MT, Tamargo RJ, Huang J, Colby GP, Coon AL. Abciximab (ReoPro) dosing strategy for the management of acute intraprocedural thromboembolic complications during Pipeline flow diversion treatment of intracranial aneurysms. *Intervent Neurol* 2018;7:218-232.
- 42.Bender MT, Jiang B, Campos JK, **Lin LM**, Beaty NB, Vo CD, Zarrin DA, Caplan JM, Huang J, Tamargo RJ, Colby GP, Coon AL. Single-stage flow diversion with adjunctive coiling for cerebral aneurysm: outcomes and technical considerations in 72 cases. *J Neurointerv Surg* 2018;10:843-850.
- 41. Jiang B, Bender MT, Westbroek EM, Campos JK, Lin LM, Xu R, Tamargo RJ, Huang J, Colby GP, Coon AL. Procedural complexity independent of P2Y12 reaction unit (PRU)

- values associated with acute in situ thrombosis in Pipelin flow diversion of cerebral aneurysms. *Stroke and Vascular Neurology* 2018;3:169-175.
- 40.**Lin LM**, Jiang B, Bender MT, Westbroek EM, Campos JK, Tamargo RJ, Huang J, Coon AL, Colby GP. 47 consecutive cases of Pipeline Flex flow diversion utilizing a novel large-bore intracranial intermediate catheter: nuances and institutional experience with the Syphontrak. *Intervent Neurol* 2018;7:153-163.
- 39.Bender MT, Hurtado C, Jiang B, Campos JK, Huang J, Tamargo RJ, **Lin LM**, Coon AL, Colby GP. Safety assessment of endovascular treatment of cerebral aneurysms in patients with fibromuscular dysplasia. *Intervent Neurol* 2018;7:110-117.
- 38.**Lin LM**, Bender MT, Colby GP, Beaty, NB, Jiang B, Campos JK, Huang J, Tamargo RJ, Coon AL. Use of a next-generation multi-durometer long guide sheath for triaxial access in flow diversion: experience in 95 consecutive cases. *J Neurointerv Surg* 2018;10:137-142.
- 37.Bender MT, Wendt H, Monarch T, **Lin LM**, Jiang B, Huang J, Coon AL, Tamargo RJ, Colby GP. Shifting paradigms for ruptured aneurysms from open surgery to endovascular therapy over 25 years. *World Neurosurgery* 2017;106:919-924.
- 36. Jiang B, Bender MT, Hasjim B, Hsu FPK, Tamargo RJ, Huang J, Colby GP, Coon AL, **Lin LM**. Aneurysm treatment practice patterns for newly appointed dual-trained cerebrovascular/endovascular neurosurgeons: Comparison of open surgical to neuroendovascular procedures in the first 2 years of practice. *Surg Neurol Int* 2017;8:154.
- 35. **Lin LM**, Iyer RR, Bender MT, Monarch T, Colby GP, Huang J, Tamargo RJ, Coon AL. Rescue treatment with Pipeline embolization for postsurgical clipping recurrences of anterior communicating artery region aneurysms. *Interv Neurol* 2017;6(3-4):135-146
- 34. **Lin LM**, Colby GP, Bender MT, Xu R, Huang J, Tamargo RJ, Coon AL. Use of the 0.027-inch VIA microcatheter for delivery of Pipeline Flex: a technical note. *J Neurointerv Surg* 2017 Jul;9(7):689-693.
- Colby GP, Bender MT, Lin LM, Beaty N, Huang J, Tamargo RJ, Coon AL. Endovascular flow diversion for treatment of anterior communicating artery region cerebral aneurysms: a single-center cohort of 50 cases. *J Neurointerv Surg* 2017 Jul;9(7):679-685.
- 32. **Lin LM**, Paff M, Xu R, Jiang B, Colby GP, Coon AL. Chronic anticoagulation with warfarin is associated with decreased functional outcome and increased length of stay following craniotomy for acute subdural hematoma. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* 8 (2017) 35-39.
- 31. Bender MT, **Lin LM**, Coon AL, Colby GP. Staged curative treatment of a complex direct carotid-cavernous fistula with a large arterial defect and an 'oversized' internal carotid artery. *BMJ Case Rep* 2017 Jun 14;2017
- 30. Colby GP, **Lin LM**, Xu R, Beaty N, Bender MT, Jiang B, Huang J, Tamargo RJ, Coon AL. Utilization of a novel, multi-durometer intracranial distal access catheter: nuances and experience in 110 consecutive cases of aneurysm flow diversion. *Interv Neurol* 2017 Mar;6(1-2):90-104.
- 29. Braileanu M, Yang W, Caplan JM, **Lin LM**, Martin RG, Tamargo RJ, Huang J. Interobserver agreement of arteriovenous malformation diffuseness using digital subtraction angiography. *World Neurosurg* 2016 Nov;95:535-541

- 28. Bender M, **Lin LM**, Colby GP, Lubelski D, Huang J, Tamargo RJ, Coon AL. P2Y12 hypo-response (PRU>200) is not associated with increased thromboembolic complications in anterior circulation Pipeline. *J Neurointerv Surg* 2016 Sep 6.
- 27. Jiang B, Paff M, Colby GP, Coon AL, **Lin LM**. Cerebral aneurysm treatment: Modern neurovascular techniques. *Stroke & Vascular Neurology* 2016 Aug:e000027
- Lin LM, Colby GP, Iyer RR, Jiang B, Huang J, Tamargo RJ, Coon AL. Pentaxial
  access platform for ultra-distal intracranial delivery of a large-bore hyperflexible DIC
  (distal intracranial catheter): A technical note. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* 6 (2016) 29-34
- 25. Colby GP, **Lin** LM, Caplan JM, Jiang B, Huang J, Tamargo RJ, Coon AL. Immediate procedural outcomes in 44 consecutive Pipeline Flex cases: the first North American single-center series. *J Neurointerv Surg* 2016 Jul;8(7):702-9.
- 24. **Lin LM**, Colby GP, Jiang B, Nundkumar N, Huang J, Tamargo RJ, Coon AL. Intra-DIC (distal intracranial catheter) deployment of the Pipeline embolization device: a novel rescue strategy for failed device expansion. *J Neurointerv Surg* 2016 Aug;8(8):840-6.
- 23.Colby GP, Lin LM, Caplan JM, Jiang B, Michniewicz B, Huang J, Tamargo RJ, Coon AL. Flow diversion of large internal carotid artery aneurysms with the surpass device: impressions and technical nuance from the initial North American experience. *J Neurointerv Surg* 2016 Mar;8(3):279-86.
- 22. **Lin LM**, Colby GP, Jiang B, Uwandu C, Huang J, Tamargo RJ, Coon AL. Classification of cavernous internal carotid artery tortuosity: a predictor of procedural complexity in Pipeline embolization. *J Neurointerv Surg* 2015 Sep;7(9):628-33.
- 21. Tran DKT, Young M, **Lin LM**, Hsu FPK. Limb hypertrophy and urinary retention in Parkes Weber: a case report. *J Neuro Neurosci* 2015 Aug;6(22):15.
- Lin LM, Colby GP, Jiang B, Pero G, Boccardi E, Coon AL. Transvenous approach for the treatment of direct carotid cavernous fistula following Pipeline embolization of cavernous carotid aneurysm: a report of two cases and review of the literature. J Neurointerv Surg 2015 Aug;7(8):e30.
- 19. Colby GP, **Lin LM**, Nundkumar N, Jiang B, Huang J, Tamargo RJ, Coon AL. Radiation dose analysis of large and giant internal carotid artery aneurysm treatment with the pipeline embolization device versus traditional coiling techniques. *J Neurointerv Surg* 2015 May;7(5):380-4.
- 18.Colby GP, **Lin LM**, Zeiler SR, Coon AL. Curative reconstruction of a cerebral aneurysm by flow diversion with the Pipeline embolization device in a patient with Loeys-Dietz syndrome. *BMJ Case Rep 2014 October*.
- 17.**Lin LM**, Colby GP, Jiang B, Nundkumar N, Huang J, Tamargo RJ, Coon AL. Percutaneous direct carotid approach using the hyperflexible large-bore Navien distal intracranial catheter for treatment of anterior circulation aneurysms. *EJMINT Original Article 2014 September.*
- 16. **Lin LM**, Colby GP, Jiang B, Pero G, Boccardi E, Coon AL. Transvenous approach for the treatment of direct carotid cavernous fistula following Pipeline embolization of cavernous carotid aneurysm: a report of two cases and review of the literature. *BMJ Case Rep* 2014.

- **15.Lin LM**, Colby GP, Huang J, Tamargo RJ, Coon AL. Ultra-distal large-bore intracranial access using the hyperflexible Navien distal intracranial catheter for treatment of cerebrovascular pathologies: a technical note. *J Neurointerv Surg* 2014;6(4):301-7.
- 14.Colby GP, **Lin LM**, Huang J, Tamargo RJ, Coon AL. Utilization of the Navien distal intracranial catheter during 78 cases of anterior circulation aneurysm treatment with the Pipeline embolization device. *J Neurointerv Surg* 2013 Nov;5 Suppl 3:iii16-21.
- 13.**Lin LM**, Colby GP, Huang J, Tamargo RJ, Coon AL. Immediate and follow-up results for 44 consecutive cases of small (<10mm) internal carotid artery aneurysms treated with the Pipeline embolization device. *Surg Neurol Int* 2013 Sept:4:114.
- 12.Colby GP, **Lin LM**, Gomez JF, Paul AR, Huang J, Tamargo RJ, Coon AL. Immediate procedural outcomes in 35 consecutive Pipeline embolization cases: a single-center, single-user experience. *J Neurointerv Surg* 2013 May;5(3):237-46.
- 11. Colby GP, Gomez JF, **Lin LM**, Paul AR, Coon AL. In situ removal of the Pipeline embolization device: the 'corking' and 'pseudo-corking' techniques. *J Neurointerv Surg* 2013 Mar;5(2):e6.
- 10.Colby GP, **Lin LM**, Paul AR, Huang J, Tamargo RJ, Coon AL. Cost comparison of endovascular treatment of anterior circulation aneurysms with the Pipeline embolization device and stent-assisted coiling. *Neurosurgery* 2012 Nov;71(5):944-48.
- Colby GP, Lin LM, Coon AL. Revisiting the risk of intraparenchymal hemorrhage following aneurysm treatment by flow diversion. AJNR Am J Neuroradiol 2012 Aug;33(7):E107.
- 8. Coon AL, Paul AR, Colby GP, **Lin LM**, Pradilla G, Huang J, Tamargo RJ. Comparison of tertiary-center aneurysm location frequencies in 400 consecutive cases: Decreasing incidence of posterior communicating artery region aneurysms. *Surg Neurol Int* 2011 Oct;2:152.
- Hillel AT, Lin LM, Samlan R, Starmer H, Leahy K, Flint PW. Inhaled triamcinolone with proton pump inhibitor for treatment of vocal process granulomas: a series of 67 granulomas. Ann Otol Rhinol Laryngol 2010 May;119(5):325-30.
- Lin LM, Sciubba DM, Jallo GI. Neurosurgical applications of laser technology. Surg Technol Int 2009 Apr;18:63-9.
- Sciubba DM, Lin LM, Conway JE, Bydon A, Gokaslan ZL, Kebaish K. Development of scoliosis following intrathecally placed opiod pump for chronic low back pain. Spine 2007 Nov;32(24):E718-22.
- 4. **Lin LM**, Pai SI, Flint PW. A retropharyngeal pseudoabscess in a patient with paroxysmal nocturnal hemoglobinuria. *Otolaryngology-Head & Neck Surgery* 2007 Oct;137(4):684-6.
- 3. Sciubba DM, **Lin LM**, Woodworth GF, McGirt MJ, Carson B, Jallo GI. Factors contributing to the medical costs of cerebrospinal fluid shunt infection treatment in pediatric patients with standard shunt components compared with those in patients with antibiotic impregnated components. *Neurosurg Focus* 2007 Apr;22(4):E9.
- 2. **Lin LM**, Sciubba DM, Gallia GL, Sosnowski J, Weingart JD. Diethylstilbestrol (DES) induced clear cell adenocarcinoma of the vagina metastasizing to the brain. *Gynecologic Oncology* 2007 Apr;105(1):273-6.

1. **Lin LM**, Bowditch S, Anderson MJ, May B, Cox KM, Niparko JK. Amplification in the rehabilitation of unilateral deafness: speech in noise and directional hearing effects with bone-anchored hearing and contralateral routing of signal amplification. *Otol Neurotol* 2006 Feb;27(2):172-182

#### **Published Book Chapters**

- 5. Hasjim B, Lin LM. Subarachnoid Hemorrhage iBook. iTunes 2017
- 4. Hasjim B, Lin LM. Arteriovenous Malformation iBook. iTunes 2016
- 3. Hasjim B, Lin LM. Brain Aneurysm iBook. iTunes 2016
- Witek AM, Colby GP, Lin LM, Coon AL. Chapter 29: The Role of Preoperative Embolization for Meningiomas (Skull Base and Non-Skull Base). In Quinones-Hinojosa A, Raza SM. <u>Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery.</u> Thieme Medical Publishers. New York, NY. 2014.
- 1. **Lin LM**, Sciubba DM, Carson BS, Jallo GI. Chapter 99: Increased Intracranial Pressure. In Maria BL. <u>Current Management in Child Neurology</u>, 4<sup>th</sup> Ed. People's Medical Publishing House. Shelton, CT. 2009.

#### **Published Abstracts**

- 50. Campos JK, Hsu ZW, Zarrin DA, Golshani K, Beaty NB, Bender MT, Colby GP, Lin LM, Coon AL. Immediate procedural outcomes of high mesh-density flow diverter placement in the upper basilar artery/basilar apex for the treatment of cerebral aneurysms: Experience with 15 consecutive Surpass flow diversion cases. Society of NeuroInterventional Surgeons 18th Annual Meeting, Colorado Springs, Colorado. 26-29 July 2021.
- 49. Campos JK, Hsu ZW, Zarrin DA, Golshani K, Beaty NB, Bender MT, Colby GP, Lin LM, Coon AL. Trans-femoral 5Fr diagnostic catheter angiography from a 4Fr access using a 5/4 slender radial sheath: Experience in 50 consecutive cases. Society of NeuroInterventional Surgeons 18th Annual Meeting, Colorado Springs, Colorado. 26-29 July 2021.
- 48. Campos JK, Hsu ZW, Zarrin DA, Golshani K, Beaty NB, Bender MT, Colby GP, Lin LM, Coon AL. Utilization of a large-bore 088 intracranial access catheter for complex neurointervention: Experience with the TracStar LDP in 127 consecutive cases. Society of NeuroInterventional Surgeons 18th Annual Meeting, Colorado Springs, Colorado. 26-29 July 2021.
- 47. Campos JK, Oh N, Kim J, Nassimimoghaddam K, Wang L, Do F, Lee J, Golshani K, Lin LM. Stroke awareness Knowledge gap in women. AANS/CNS Joint Cerebrovascular Section 2019 Annual Meeting, Honolulu, HI
- 46. Vo CD, Campos JK, Bender MT, Jiang B, Zarrin DA, Chandra A, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, Coon AL. Safety and Efficacy of Flow Diversion for Middle Cerebral Artery Aneurysms. 2018 Congress of Neurological Surgeons Annual Meeting, Houston, TX
- 45. Young RWC, Campos JK, Bender MT, Jiang B, Zarrin DA, Vo CD, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Twisting: Prevalence and Risk Factors of an

- Under-Reported Intra-Procedural Complication Associated with Pipeline Flow Diversion of Cerebral Aneurysms. 2018 Congress of Neurological Surgeons Annual Meeting, Houston, TX
- 44. Chandra A, Jiang B, Bender MT, Campos JK, Zarrin DA, Vo CD, Young RWC, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Groin-Hematoma in Patients Undergoing Manual Compression Following Sheath Pull. 2018 Congress of Neurological Surgeons Annual Meeting, Houston, TX. (Oral Presentation)
- 43. Young RWC, Bender MT, Campos JK, Jiang B, Zarrin DA, Vo CD, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Twisting: Prevalence and Risk Factors of an Under-Reported Intra-Procedural Complication Associated with Pipeline Flow Diversion of Cerebral Aneurysms. 2018 Society of Neurointerventional Surgery 15<sup>th</sup> Annual Meeting, San Francisco, CA
- 42. Bender MT, Zarrin DA, Campos JK, Jiang B, Vo CD, Chandra A, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, **Coon AL**. P2Y12 Precision in Therapeutic Monitoring of Dual Anti-Platelet Therapy for Flow Diversion of Cerebral Aneurysms. 2018 American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, LA
- 41. Campos JK, Bender MT, Jiang B, Westbroek EM, Zarrin DA, Vo CD, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, **Coon AL**. Characterization of Pipeline Flex Delivery Wire Recapture in 85 Consecutive Deployments. 2018 American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, LA
- 40. Bender MT, Jiang B, Campos JK, Xu R, Westbroek EM, Vo CD, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Jailing the MCA to Treat Uncoilable and Surgically Inaccessible ICA Termination-region Aneurysms. *2018 American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, LA*
- 39. Bender MT, Colby GP, Jiang B, **Lin LM**, Campos JK, Xu R, Westbroek EM, Zarrin DA, Caplan JM, Huang J, Tamargo RJ, Coon AL. Safety Assessment of Flow Diversion at the Basilar Apex. 2018 American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, LA
- 38. Vo CD, Bender MT, Jiang B, Campos JK, Zarrin DA, Westbroek EM, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Pipeline embolization for salvage treatment of previously-stented residual and recurrent cerebral aneurysms. 2018 American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, LA
- 37. Bender MT, Colby GP, **Lin LM**, Jiang B, Campos JK, Xu R, Westbroek EM, Zarrin DA, Caplan JM, Huang J, Tamargo RJ, Coon AL. Safety Assessment of Flow Diversion at the Basilar Apex. *AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA*
- 36. Bender MT, Jiang B, Campos JK, Xu R, Westbroek EM, Vo CD, Caplan JM, Huang J, Tamargo RJ, **Lin LM**, Colby GP, Coon AL. Jailing the MCA to Treat Uncoilable and Surgically Inaccessible ICA Termination-region Aneurysms. *AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA*
- 35. Vo CD, Bender MT, Jiang B, Campos JK, Westbroek EM, Zarrin DA, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, Coon AL. Pipeline embolization for salvage treatment of previously-stented residual and recurrent cerebral aneurysms. AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA

- 34. Zarrin DA, Campos JK, Bender MT, Jiang B, Vo CD, Chandra A, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, Coon AL. P2Y12 Precision in Therapeutic Monitoring of Dual Anti-Platelet Therapy for Flow Diversion of Cerebral Aneurysms. AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA
- 33. Campos JK, Bender MT, Jiang B, Westbroek EM, Zarrin DA, Vo CD, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, **Coon AL**. Characterization of Pipeline Flex Delivery Wire Recapture in 85 Consecutive Deployments. *AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA*.
- 32. Xu R, Bender MT, Jiang B, Westbroek EM, Campos JK, Caplan JM, Huang J, Tamargo RJ, Lin LM, Colby GP, **Coon AL**. Pipeline flow diversion of aneurysms near the ICA terminus: long-term outcomes of jailing the A1 segment. *AANS/CNS Joint Cerebrovascular Section 2018 Annual Meeting, Los Angeles, CA.*
- 31. Jiang B, Campos JK, Beaty NB, Westbroek EM, Bender MT, Tamargo RJ, Huang J, Colby GP, Coon AL, **Lin LM**. Intraarterial and intravenous Abciximab for management of acute in-situ thrombosis during Pipeline flow diversion of intracranial aneurysms. *2017 Congress of Neurological Surgeons Annual Meeting, Boston, MA* (Oral Presentation)
- 30. Beaty NB, Campos JK, Colby GP, **Lin LM**, Bender MT, Jiang B, Westbroek E, Xu R, Huang J, Tamargo RJ, Coon AL. Technical endovascular considerations of intracranial aneurysm treatment with single-stage coil-assisted pipeline embolization. *2017 Congress of Neurological Surgeons Annual Meeting, Boston, MA*
- 29. Bender MT, Colby GP, **Lin LM**, Beaty NB, Jiang B, Campos JK, Caplan JM, Huang J, Tamargo RJ, Coon AL. Outcomes of posterior circulation pipeline in 52 cases at a single institution. *2017 Congress of Neurological Surgeons Annual Meeting, Boston, MA*
- 28. Bender M, Colby GP, **Lin LM**, Jiang B, Westbroek E, Xu R, Campos J, Huang J, Tamargo RJ, Coon AL. Aneurysm occlusion after anterior circulation Pipeline: follow-up angiography in 491 patients at a single institution. *2017 Congress of Neurological Surgeons Annual Meeting, Boston, MA*
- 27. Jiang B, Campos J, Beaty N, Westbroek E, Bender M, Tamargo RJ, Huang J, Colby GP, Coon AL, Lin LM. Intraarterial and intravenous Abciximab for management of acute insitu thrombosis during Pipeline flow diversion of intracranial aneurysms. 2017 Society of Neurointerventional Surgery 14th Annual Meeting, Colorado Springs, CO
- 26. Colby GP, Bender MT, **Lin LM**, Beaty N, Caplan J, Jiang B, Huang J, Tamargo RJ, Coon AL. Declining complication rates with flow diversion of anterior circulation aneurysms after introduction of Pipeline Flex: analysis of a single-institution series of 513 cases. 2017 American Association of Neurological Surgeons (AANS) Annual Scientific Meeting, Los Angeles, CA
- Bender MT, Wendt H, Monarch T, Lin LM, Beaty N, Huang J, Coon AL, Tamargo RJ, Colby GP. Changing treatment paradigms for ruptured aneurysms from open surgery to endovascular therapy over 25 years. 2017 American Association of Neurological Surgeons (AANS) Annual Scientific Meeting, Los Angeles, CA
- 24. Bender MT, Monarch T, Wendt H, Beaty N, **Lin LM**, Huang J, Coon AL, Tamargo RJ, Colby GP. Small aneurysms account for majority and increasing percentage of aneurysmal subarachnoid hemorrhage: a 25-year study. 2017 American Association of Neurological Surgeons (AANS) Annual Scientific Meeting, Los Angeles, CA
- 23. Braileanu, M., Yang, W., Caplan, J.M., Lin, L.M., Radvany, M.G., Tamargo, R.J., Huang, J. Inter-observer Agreement of Arteriovenous Malformation (AVM) Diffuseness using

- Digital Subtraction Angiography (DSA). 2016 Congress of Neurological Surgeons 66<sup>th</sup> Annual Meeting, San Diego, CA
- 22. **Lin LM**, Colby GP, Xu R, Bender M, Jiang B, Lubelski D, Coon AL. Use of the 0.027 VIA microcatheter for Pipeline embolization of cerebral aneurysms: a technical note. *2016 Society of Neurointerventional Surgery 13th Annual Meeting, Boston, MA*
- 21. Colby GP, **Lin LM**, Lubelski D, Bender M, Xu, R, Jiang B, Huang J, Tamargo RJ, Coon AL. Successful flow diversion of cerebral aneurysms in Plavix hyporesponders (PRU>200): an argument for antiplatelet monotherapy? *2016 Society of Neurointerventional Surgery 13<sup>th</sup> Annual Meeting, Boston, MA*
- 20. Colby GP, **Lin LM**, Xu, R, Bender M, Jiang B, Lubelski D, Coon AL. Use of the Catalyst 5 distal access catheter for treatment of intracranial aneurysms: the first North American experience. 2016 Society of Neurointerventional Surgery 13<sup>th</sup> Annual Meeting, Boston, MA
- Lin LM, Colby GP, Jiang B, Nundkumar N, Huang J, Tamargo R, Coon AL. Intra-Navien deployment of the Pipeline embolization device: a novel rescue strategy for failed device expansion. 2015 Society of Neurointerventional Surgery 12th Annual Meeting, San Francisco, CA
- 18. Colby GP, **Lin LM**, Huang J, Tamargo R, Coon AL. Initial procedural outcomes in 20 consecutive Pipeline FLEX cases: the first American series. *2015 Society of Neurointerventional Surgery 12<sup>th</sup> Annual Meeting, San Francisco, CA*
- 17. Uwandu C, **Lin LM**, Colby GP, Huang J, Tamargo R, Coon AL. Classification of cavernous internal carotid artery tortuosity: a predictor of procedural complexity in pipeline embolization. 2014 Society of Neurointerventional Surgery 11th Annual Meeting, Colorado Springs, CO
- 16. Colby GP, Lin LM, Nundkuma N, Jiang B, Huang J, Tamargo R, Coon A. Radiation dose analysis of large and giant internal carotid artery aneurysm treatment with the pipeline embolization device versus traditional coiling techniques. 2014 Society of Neurointerventional Surgery 11th Annual Meeting, Colorado Springs, CO
- 15. **Lin LM**, Colby GP, Kim J, Huang J, Tamargo RJ, Coon AL. Immediate and follow-up results for 44 consecutive cases of small (<10mm) internal carotid artery aneurysms treated with the Pipeline embolization device. *2013 Congress of Neurological Surgeons* 63<sup>rd</sup> Annual Meeting, San Francisco, CA
- 14. **Lin LM**, Colby GP, Huang J, Tamargo RJ, Coon AL. Utilization of the Navien distal intracranial catheter for ultra-distal large-bore intracranial access in the treatment of cerebrovascular pathologies. *2013 Society of Neurointerventional Surgery 10<sup>th</sup> Annual Meeting, Miami, FL*
- 13. **Lin LM**, Colby GP, Huang J, Tamargo RJ, Coon AL. Ultra-distal large-bore intracranial access using the hyperflexible reflex distal intracranial catheter for treatment of cerebrovascular pathologies. 2013 3<sup>rd</sup> SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, HI
- 12. **Lin LM**, Colby GP, Watson J, Pero G, Huang J, Tamargo RJ, Boccardi E, Coon AL. Transvenous approach for the treatment of direct carotid cavernous fistula following pipeline embolization of cavernous carotid aneurysm. *2013 3<sup>rd</sup> SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, Hawaii*

- 11. Colby GP, **Lin LM**, Huang J, Tamargo RJ, Coon AL. Utilization of the ReFlex intracranial catheter during anterior circulation aneurysm treatment with the Pipeline embolization device: a report of 67 consecutive cases. 2013 3<sup>rd</sup> SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, HI
- 10. Colby GP, **Lin LM**, Huang J, Tamargo RJ, Coon AL. Immediate procedural outcomes in 100 consecutive Pipeline embolization cases: a single-center experience. 2013 3<sup>rd</sup> SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, HI
- 9. Colby GP, **Lin LM**, Huang J, Tamargo RJ, Coon AL. Pipeline embolization of proximal and mid A1 aneurysms: technical and clinical implications of jailing the M1 origin with a flow diverter. *2013 3<sup>rd</sup> SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, HI*
- 8. Colby GP, **Lin LM**, Huang J, Tamargo RJ, Zeiler SR, Coon AL. Curative endovascular treatment of a cerebral aneurysm by flow diversion in a patient with Loeys-Dietz syndrome: technical considerations for Pipeline embolization in the setting of a pronounced connective tissue disorder. *2013 3rd SNIS International Endovascular Stroke Conference and the Joint Cerebrovascular Section Annual Meeting, Honolulu, HI*
- 7. Colby GP, **Lin LM**, Paul AR, Huang J, Tamargo RJ, Coon AL. Cost comparison of endovascular treatment of anterior circulation aneurysms with the Pipeline embolization device versus stent-assisted coiling. *2012 Congress of Neurological Surgeons 62*<sup>nd</sup> *Annual Meeting, Chicago, IL*
- 6. Colby GP, **Lin LM**, Gomez JF, Paul AR, Huang J, Tamargo RJ, Coon AL. Immediate procedural outcomes in 35 consecutive pipeline embolization cases: a single-center, single-user experience. 2012 Congress of Neurological Surgeons 62<sup>nd</sup> Annual Meeting, Chicago, IL
- 5. **Lin LM**, Colby GP, Paul AR, Huang J, Tamargo RJ, Coon AL. Differences in cerebral aneurysms selected for open microsurgical treatment: a comparison of a hybrid cerebrovascular neurosurgeon with traditional cerebrovascular neurosurgeons. *2012 Congress of Neurological Surgeons 62<sup>nd</sup> Annual Meeting, Chicago, IL*
- Colby GP, Lin LM, Paul AR, Huang J, Tamargo RJ, Coon AL. Cost comparison of endovascular treatment of anterior circulation aneurysms with the pipeline embolization device versus stent-assisted coiling. 2012 Society of Neurointerventional Surgery 9<sup>th</sup> Annual Meeting, San Diego, CA
- 3. Sciubba DM, **Lin LM**, Gokaslan ZL, Kebaish KM: Neuromodulation Induced Scoliosis. 2007 23<sup>rd</sup> Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ
- 2. Baird CJ, **Lin LM**, Upadhyay U, McGirt M, Huang J: Safety of Acute Carotid Endarterectomy in Symptomatic Carotid Stenosis. 2006 Congress of Neurological Surgeons 56<sup>th</sup> Annual Meeting, Chicago, IL
- Sciubba DM, Lin LM, Woodworth GF, McGirt M, Carson BS, Jallo GJ: Factors Contributing to Medically Incurred Costs for CSF Shunt Infection Treatment Are Greater in Pediatric Patients with Standard Shunt Components Vs. Those with Antibiotic-Impregnated Components. 2006 Congress of Neurological Surgeons 56th Annual Meeting, Chicago, IL

#### **Presentations**

- 57. **LM Lin** Evolution of Cerebrovascular Management. *Department of Neurosurgery Grand Rounds, UC Davis Medical Center, Sacramento, CA, November 8, 2019*
- 56. **LM Lin** Stroke Awareness Knowledge Gap. *Department of Neurosurgery Grand Rounds, Ochsner Medical Center, New Orleans, LA, July 26, 2019*
- 55. **LM Lin** Stroke vs Breast Cancer Awareness in Orange County Women. *Department of Neurosurgery Grand Rounds, UC Irvine Medical Center, Orange, CA, May 10, 2019*
- 54. **LM Lin** Acute Stroke Treatment: a new era. *Stryker NeuroElite Educational Program, Newport Beach, CA, May 9, 2019*
- 53. **LM Lin** Flow Diverter Stents: the newest endovascular treatment for brain aneurysms. *Cardiology CME, Fountain Valley Hospital, Fountain Valley, CA, May 3, 2019*
- 52. **LM Lin** Surgical and Endovascular Treatment of Aneurysmal Subarachnoid Hemorrhage. *Grand Rounds CME, Lakewood Regional Medical Center, Lakewood, CA, February* 22, 2019
- 51. **LM Lin** Cerebral Aneurysm Management: perspectives from a dual-trained neurosurgeon. *Cerenovus Foundations Course, Irvine, CA, November 8, 2018*
- 50. **LM Lin** Endovascular Treatment of Cerebral Aneurysm: the flow diversion revolution. *UC Irvine Stroke Symposium, Orange, CA, November 3, 2018*
- 49. **LM Lin** Intra-saccular Flow Disruptors: the next evolution in the endovascular treatment of cerebral aneurysms. *10<sup>th</sup> New Era International Multidisciplinary Sharing (NEIMS) Conference, Beijing, China, August 25, 2018*
- 48. **LM Lin** Changing Paradigms in the Endovascular Treatment of Cerebral Aneurysms: the flow diversion revolution. *10<sup>th</sup> New Era International Multidisciplinary Sharing (NEIMS) Conference, Beijing, China, August 24, 2018*
- 47. **LM Lin** Shifting Paradigms in the Endovascular Management of Cerebral Aneurysm: the era of flow diverters and flow disruptors. *Department of Neurosurgery Grand Rounds, UC Irvine Medical Center, Orange, CA, June 22, 2018*
- 46. **LM Lin** Management of Hemorrhagic Stroke. *Grand Rounds CME, Scripps Mercy Hospital, San Diego, CA, February 27, 2018*
- 45. **LM Lin** Cerebral Aneurysm Management: perspectives from a dual-trained neurosurgeon. *MicroVention R&D Boot Camp, Irvine, CA, November 15, 2017*
- 44. **LM Lin** Endovascular Cerebral Aneurysm Treatment: the flow diversion revolution. *UC Irvine Stroke Symposium, Costa Mesa, CA, October 14, 2017*
- 43. **LM Lin** Management of Hemorrhagic Stroke. *Grand Rounds CME, Desert Valley Hospital, Desert Valley, CA, June 27, 2017*
- 42. **LM Lin** Intra-Saccular Flow Disruptors: the next evolution in the endovascular treatment of cerebral aneurysms. 2017 Chinese Stroke Association & Tiantan International Stroke Conference 3<sup>rd</sup> Annual Meeting, Beijing, China, June 25, 2017
- 41. **LM Lin** Brain Aneurysms: what most people don't know. *Yorba Linda Senior Center, Yorba Linda, CA, June 2, 2017*
- 40. **LM Lin** Management of Hemorrhagic Stroke. *Grand Rounds CME, Montclair Hospital, Montclair, CA, June 1, 2017*

- 39. LM Lin Great Saves, EMS Week, UC Irvine Medical Center, Orange, CA, May 23, 2017
- LM Lin Management of Cerebral Aneurysms. Grand Rounds CME, Montclair Hospital, Montclair, CA, April 6, 2017
- 37. **LM Lin** Cerebral Aneurysm Treatment Practice Patterns For Newly Appointed Dual-Trained CVNV Neurosurgeons: comparison of open surgical to neuroendovascular cases in the first 2 years of academic practice. 2017 Neurosurgical Society of America 70<sup>th</sup> Annual Meeting, Ponte Vedra Beach, Florida, April 5, 2017
- 36. **LM Lin** Management of Hemorrhagic Stroke. *Grand Rounds CME, West Anaheim Medical Center, West Anaheim, CA, February 17, 2017*
- 35. **LM Lin** Cerebral aneurysms & The Pipeline Embolization Device. *Taiwanese Medical & Dental Association of Orange County, China Palace, Tustin, CA, February 10, 2017*
- 34. **LM Lin** Endovascular Neurosurgery 101. *Department of Neurosurgery Grand Rounds, UC Irvine Medical Center, Orange, CA, December 9, 2016*
- 33. **LM Lin** Endovascular Neurosurgery: the latest surgical techniques. *Discovery Luncheon, Department of Neurosurgery, UC Irvine Medical Center, Orange, CA, October* 26, 2016
- 32. **LM Lin** Initial Neurosurgical Case Experience of a Dual-Trained Academic Cerebrovascular/Endovascular Neurosurgeon: comparison of open surgical to neuroendovascular procedures in the first 2 years of practice. *2016 Neurosurgical Society of America 69th Annual Meeting, Wicklow, Ireland, June 20, 2016*
- 31. **LM Lin** Management of Hemorrhagic Stroke and Cerebral Aneurysms. *Stroke CME, Anaheim Regional Medical Center, Anaheim, CA, May 19, 2016*
- LM Lin Acute Management and Intervention of Aneurysmal Subarachnoid Hemorrhage (SAH). No Fear Stroke Conference, Orange County Global Hospital, Santa Ana, CA, May 2, 2016
- 29. **LM Lin** Stroke Disease State Awareness. *Medtronic Women's Health Day Stroke Awareness, Irvine, CA, April 27, 2016*
- 28. **LM Lin** Cerebral Aneurysms. *Department of Neurosurgery PM&R Resident Teaching Conference, UC Irvine Medical Center, Orange, CA, March 29, 2016*
- 27. **LM Lin** Management of Cerebral Aneurysms. *CME, Placentia Linda Hospital, Placentia, CA, November 16, 2015*
- 26. **LM Lin** Pipeline Device for the Treatment of Cerebral Aneurysms. 2015 UC Irvine Stroke Symposium, Costa Mesa, CA, October 17, 2015
- 25. **LM Lin** Endovascular Management of Cerebral Aneurysms. *CME, Anaheim Regional Medical Center, Anaheim, CA, September 29, 2015*
- 24. **LM Lin** Intra-Navien PED Flex Deployment. 2015 European Society of Minimally Invasive Neurological Therapy (ESMINT) 7<sup>th</sup> Congress Meeting, Nice, France, September 12, 2015
- 23. **LM Lin** Case Studies in Flow Diversion and Aneurysmal Subarachnoid Hemorrhage. *Nursing In-Service: Stroke Case Studies, UC Irvine Medical Center, Orange, CA, September 2, 2015*

- 22. **LM Lin** Review on Sterile Access of EVDs. Academic Day Resident Education, Department of Neurosurgery, UC Irvine Medical Center, Orange, CA, August 21, 2015
- 21. **LM Lin** Diagnosis and Management of Hemorrhagic Cerebrovascular Disease. *Academic Day Resident and Medical Student Lecture, Department of Neurosurgery, UC Irvine Medical Center, Orange, CA, August 7, 2015*
- 20. **LM Lin** Cerebral Angiography 101. *Department of Neurosurgery Grand Rounds, UC Irvine Medical Center, Orange, CA, June 26, 2015*
- 19. **LM Lin** SCENT Trial with the Surpass Flow Diverter. *Interventional Radiology Staff In-*Service, UC Irvine Medical Center, Orange, CA, May 21, 2015
- 18. **LM Lin** The Role of Neurosurgery and Neurointervention in Hemorrhagic Stroke Care Today. *Stroke CME, Anaheim Regional Medical Center, Anaheim, CA, May 19, 2015*
- LM Lin A Classification of Cavernous ICA Tortuosity: Predicting Procedural Complexity in Endovascular Neurosurgery. 2015 Neurosurgical Society of America 68th Annual Meeting, Newport Beach, CA, April 13, 2015
- 16. **LM Lin** Skull Base Basics. *Skull Base In-Service, HealthCare Partners Medical Group, Costa Mesa, CA, March 20, 2015*
- 15. **LM Lin** Hemorrhagic Stroke. *Emergency Department Lunch Lecture Series, Placentia Linda Hospital, Placentia, CA, March 18, 2015*
- 14. **LM Lin** Hemorrhagic Stroke: The First Hours. *Neuro Stroke In-Service, Kindred Westminster Hospital, Westminster, CA, December 4, 2014*
- 13. **LM Lin** Evolution in the Treatment Modalities for Cerebral Aneurysms. *Department of Neurosurgery PM&R Resident Teaching Conference, UC Irvine Medical Center, Orange, CA, September 23, 2014*
- 12. **LM Lin** Intra-Navien PED Deployment. 2014 European Society of Minimally Invasive Neurological Therapy (ESMINT) 6<sup>th</sup> Congress Meeting, Nice, France, September 5, 2014
- 11. **LM Lin** Diving into the Depths of Neurosurgery. *Department of Neurosurgery Grand Rounds, Johns Hopkins Neurosurgery, June 5, 2014*
- 10. **LM Lin** Pipeline Embolization Device. *International Pipeline Embolization Device Training, Johns Hopkins Neurosurgery, May* 12, 2014
- 9. **LM Lin** Evolution in the Endovascular Management of Cerebral Aneurysms. *Pipeline Embolization Device Training Course, Johns Hopkins Neurosurgery, December 3, 2013*
- 8. **LM Lin** The Flow Diversion Revolution: Changing Paradigms in the Endovascular Management of Cerebral Aneurysms, *Department of Neurosurgery Grand Rounds, UC Irvine Neurosurgery, November 15, 2013*
- 7. **LM Lin** The Flow Diversion Revolution: Changing Paradigms in the Endovascular Management of Cerebral Aneurysms, *Neuroscience Grand Rounds, Loma Linda University School of Medicine, November 6, 2013*
- 6. **LM Lin** Diagnostic Cerebral Angiography 101. *Department of Neurosurgery Grand Rounds, Johns Hopkins Neurosurgery, March* 21, 2013

- 5. **LM Lin** Blister Vertebrobasilar Aneurysm. 2012 European Society of Minimally Invasive Neurological Therapy (ESMINT) 4<sup>th</sup> Congress Meeting, Nice, France, September 2012
- 4. **LM Lin** Safety of Early Carotid Endarterectomy for Symptomatic Carotid Stenosis. *Department of Neurosurgery Grand Rounds, Johns Hopkins Neurosurgery August 2006*
- 3. **LM Lin** Extended Assessment of Bone-Anchored Hearing in the Rehabilitation of Unilateral Deafness. 2005 American Otological Society 138<sup>th</sup> Combined Otolaryngological Spring Meeting, Boca Raton, FL, May 2005
- LM Lin Use of Gene Targeting to Examine the Role of PKA in Amygdala Dependent Memory of Fear. 2002 Department of Biology Undergraduate Research Seminar, Columbia University, New York
- 1. **LM Lin** Investigating Fear Using Knockout Mice. 2002 Summer Undergraduate Research Fellowship Annual Symposium, Columbia University, New York

#### **Interests and Activities**

- Endurance sports, swimming, running, cycling, tennis, triathlon, hiking, yoga
- Conversational Proficiency in Mandarin and Taiwanese.
- Traveling, foodie
- Integrative and holistic health
- Metaphysics
- Human Design
- Truth