



Fernando E. Kafie, M.D., F.A.C.S.

Education:

U.C. Irvine
U.C.L.A.
[Medicine](#)
U.C. Irvine
[Surgery](#)
U.C.L.A.
[Surgery](#)

B.S (June 1985-July '89)
M.D. (June 1989-July '93) [UCLA School of](#)
Gen Surgery (1993-'99) [UCI Department of](#)
Vasc Surgery (1999-2000) [UCLA Vascular](#)

Research Interest:

- 2003-2004** Investigator for an Imaging Study in Subjects comparing CTA's to standard of care Angios.
- 2004-2005** Principal Investigator for a Phase II Double-Blind, Randomized, Placebo-Controlled Study to Improve Perfusion in Critical Leg Ischemia.
- 2005-Present** Investigator for Comparator Antibiotic Study for Subjects with Complicated Skin and Soft Tissue Infections proven to be due to MRSA.
- 2006-Present** Investigator for Double-Blind, Controlled Comparative Efficacy and Safety Study comparing Topical Human Thrombin to Bovine Thrombin in Surgical Hemostasis.
- 2004-2005** Principal Investigator in a phase II, randomized, double-blind study of the efficacy or a topical thrombin in patients undergoing peripheral arterial bypass surgery.
- 2004-2005** Principal Investigator in a phase II, randomized, double-blind study of the efficacy or a topical thrombin in patients undergoing arterio-venous graft formation with synthetic.

- 2002-2005** **Principal Investigator for a double-blind study for patients with Claudication.**
- 2002-2004** **Investigator for an open-label, phase IV clinical trial measuring wound healing rates.**
- 2001-2002** **Investigator for a randomized, open-label, phase IV clinical trial for the treatment of patients with diabetic foot infections.**
- 2001-2004** **Investigator for a double-blind study in patients with critical limb ischemia who are candidates for revascularization surgery.**
- 2001-2004** **Investigator for a double-blind study in patients with critical limb ischemia who are not candidates for revascularization surgery.**
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Endovascular Certification:

[Ancure \(Guidant Corporation\) Endovascular Graft](#)

[AneuRx \(Medtronic Corporation\) Endovascular Graft](#)

[Endovascular Grafting, UCLA School of Medicine](#)

[Endovascular Surgery for the Vascular Surgeon, UCLA School of Medicine](#)

Post-Graduate Certification:

[17th Annual UCLA Symposium on Vascular Surgery](#)

[Medical Aspects of Vascular Disease](#)

Surgical Societies:

Florida Vascular Surgery Society

American College of Surgeons

Peripheral Vascular Surgery Society

Resident Research (UCI School of Medicine):

Experience:

1) project: "Volume Reduction in Emphysematous Lungs"

description: Conduct thoracic volume reduction in emphysematous rabbit lungs with measurement of pre and post stapling pulmonary function tests.

Mentor: Matthew Brenner, M.D.

2) project: "Blunt Intestinal Trauma"

description: Retrospective database analysis of trauma patients presenting to UCIMC from 1991-1995 with intestinal injury.

Mentor: Gail Tominaga, M.D., Kenneth Waxman, M.D.

3) project: "The effects of topical Amikacin in the treatment of infected PTFE aortic grafts in a rabbit model"

description: Isolation of abdominal aortas in New Zealand rabbits and replacement with prosthetic grafts (PTFE) to test the effects of topical Amikacin in graft infection.

Mentor: John Chen, M.D., Samuel E. Wilson, M.D.

Graduate Research (Harvard Medical School):

1) project: "Isotropic light delivery devices for Photodynamic Therapy"

description: Design, build, and test light delivery devices for the treatment of cancers of the Head and Neck with Photodynamic Therapy.

Mentor: Richard Fabian, M.D. and Tayyaba Hasan Ph.D.

2) project: "Small Cell CA of the Head & Neck"

description: Review patient files at the Mass Eye & Ear Infirmary for a retrospective study on Oat Cell CA of the H & N.

Mentor: Richard Fabian, M.D.

-Undergraduate Research (UCI School of Medicine)

1) project: "Effects of Serotonin and Histamine on Coronary Artery"

Vasoactivity"

description: Isolate live Bovine coronary arteries and mount on perfusion apparatus using microsurgical techniques for subsequent measurements of vasoactivity in response to substances in question. Mentor: M. Morcos, M.D.

Current Research (Baptist Hospital, Pensacola, Florida):

Co-Investigator for AstraZeneca. Protocol # 839-02,-03,-04,-05. Double blind parallel placebo-controlled study of the safety and efficacy of Chronic Oral Beraprost Sodium in patients with intermittent claudication. July 2000-present.

Co-Investigator for Catalyst Pharmaceutical Research LLC. Protocol # WFI 01-02, IND # 53,867. Circulase. Double blind, randomized, placebo-controlled study to assess the efficacy and safety of circulase in conjunction with peripheral revascularization for the treatment of critical leg ischemia.

Co-Investigator for Pharmacia. Linezolid iv or po compared to Unasym iv or Augmentin po for the treatment of pats with diabetic foot infections-a randomized, open-label, phase IV clinical trial.

MANUSCRIPTS:

F Kafie, D. J. Tessier, C. Theuer. *Cytomegalovirus Colitis Mimicking Colon Carcinoma in an Immunocompetent Patient*. Department of Surgery, University of California, Irvine.

F Kafie, R. Williams, D.J. Tessier, M. Cinat, M. Lekawa, S.E. Wilson. *Serial Abdominal Closure ("SAC") Technique: A Novel Method for Delayed Closure of the Abdominal Wall*. The Journal of Trauma (in print).

M. Brenner, R. Yusen, R. McKenna, F. Scirba, A. Gelb, R. Fischel, J. Swain, J. Chen, F. Kafie, S. Lefrak. *Lung Volume Reduction Surgery for Emphysema*. Chest 1996; 110:205-18.

Huh, J, M Brenner, JC Chen, B Yoong, A Gasses, T Waite, F Kafie, AF Wilson, JC Milliken, R McKenna, R Fischel, A Gelb, M Berns. (in review). *Changes in Pulmonary Physiology After Lung Volume Reduction Surgery in a Rabbit Model of Emphysema*. Journal of Thoracic & Cardiovascular Surgery.

Chen, JC, M Brenner, J Huh, B Yoong, A Gassel, T Waite, F Kafie, D Mukai, AF Wilson, JC Milliken, R McKenna, R Fischel, A Gelb, M Berns, E Stemmer. (in review). *Effect of Lung Volume Reduction Surgery on Pulmonary Diffusion Capacity in a Rabbit Model of Emphysema*. Journal of Thoracic & Cardiovascular Surgery.

Brenner, M., F. Kafie, B. Yoong, M. Budd, J. Chen, T. Waite, D. Mukai, N. Wang, R. McKenna, R. Fischel, A. Gelb, A. Wilson, M. Berns. (under review). *The Effect of Lung Volume Reduction Surgery in a Rabbit Model of Bullous Lung Disease*. Journal of Investigative Surgery.

Chen J., M Brenner, , F. Kafie, B. Yoong, M. Budd,, T. Waite, D. Mukai, N. Wang, R. McKenna, R. Fischel, A. Gelb, A. Wilson, M. Berns. (under review). *An Animal Model of Lung Volume Reduction Therapy of Pulmonary Emphysema*. Journal of Investigative Surgery.

Kafie, F, G Tominaga, B Yoong, K Waxman. *Factors Related to Outcome in Blunt Intestinal Injuries Requiring Operation*. American Journal of Surgery. 1997;63: 889-892.

J. Huh, J. Chen, G. Gurman, C. Malki, B. King, F. Kafie, S. Wilson. *Local Treatment of Prosthetic Vascular Graft Infection with Multivesicular Liposome Encapsulated Amikacin*. J Surg. Res. In Press.

Chen JC, Brenner M, Kafie F, Yoong B, Gassel A, Waite T, Milliken J, Huh J, Wang N, McKenna RJ, Gelb A, Wilson AF, Berns M. *Animal Model for Lung Volume Reduction Therapy of Pulmonary Emphysema*. Submitted to J Invest Surg, 1997.

Chen JC, Brenner M, Huh J, Yoong B, Gassel A, Kafie F, McKenna R, Gelb A, Stemmer EA, Wilson AF. *Effect of Lung Volume Reduction Surgery on Pulmonary Diffusion Capacity in a Rabbit model*. J Surg Res. In Press.

Brenner M, Kafie FE, Yoong B, Budd M, Chen JC, Waite TA, Milliken J, Huh J, Wang N, McKenna R, Gelb AF, Wilson AF, Berns MW. *Dose Response in an Animal model for Lung Volume Reduction Therapy for Heterogenous Emphysema*. Submitted, 1997.

Huh J, Brenner M, Chen JC, Yoong B, Gassel A, Waite T, Kafie F, Wilson AF, Milliken J, Stemmer E, McKenna R, Fischel R, Gelb A, Berns MW. *Changes in Pulmonary Physiology after Lung Volume Reduction Surgery in a Rabbit Model of Emphysema*. J Thor Cardiovascular Surg. In Press.

Kafie, F, M. Brenner. *Fusion Lung Patch*. Investigational Protocol. 1996.

ABSTRACTS:

F. Kafie, B. Wong. 1994. *Small Cell Carcinoma of the Larynx: Case Report and Review of the Literature*. American College of Surgeons.

Brenner, M, F. Kafie, J. Huh, M. Budd, B. Yoong, T. Waite, J. Chen, J. Milliken, J. Wong, R. McKenna, A. Gelb, M. Berns. 1997. *The Effect of Lung Volume Reduction Surgery on Static Compliance in a Rabbit Model of Obstructive Pulmonary Disease*. The Society of Thoracic Surgeons.

Brenner, M, F. Kafie, B. Yoong, M. Budd, , T. Waite, D. Mukai, R. McKenna, J. Chen, R. Fischel, A. Gelb, A. Wilson, M. Berns. 1996. *The Effect of Lung Volume Reduction Surgery on Static Compliance and Maximal Flows in a Rabbit Model of Emphysema*. Chest, 110, 177S, 1996.

Brenner, M, R. McKenna, R. Fischel, A. Gelb, F. Kafie, M. Budd, B. Yoong, J. Chen, A. Wilson, M. Berns. 1996. *Assessment of Response in a Large Prospective Trial of Bilateral Stapled Lung Volume Reduction Surgery for Emphysema*. Chest, 110, 49S, 1996.

Brenner, M, A. Gelb, R. McKenna, R. Fischel, F. Kafie, J. Chen, A. Wilson, M. Berns. 1996. *Factors Associated with Improved Outcome in a Large Trial of Unilateral versus Bilateral Stapled Volume Reduction Surgery*. Chest, 121.

Kafie, F., B. Yoong, K. Waxman, G.T. Tominaga (1997). *Factors Related to Outcome in Blunt Intestinal Injuries Requiring Operation*. American College of Surgeons.

Yoong, B., H. Wong, F. Kafie, T. Waite, J. Hyatt, C. Anderson, D. Mukai, R. McKenna, A. Gelb, A. Wilson, M. Berns, and M. Brenner. 1996. *The Effect of Lung Volume Reduction Surgery on Static Compliance in a Rabbit Model of Bullous Emphysema*. Biomedicine 96, 44(3), 229S.

Kafie, F., M. Brenner, M. Budd, B. Yoong, J. Chen, E. Stemmer, M. Berns. 1996. *Changes in Lung Compliance After Volume Reduction Surgery in a Rabbit Model of Bullous Emphysema*. J Thorac Cardiovasc Surg, 112, 1413, 1996.

Yoong, B., H. Wong, F. Kafie, T. Waite, J. Hyatt, C. Anderson, D. Mukai, R. McKenna, A. Gelb, A. Wilson, M. Berns, and M. Brenner. 1996. *The Effect of Lung Volume Reduction Surgery on Static Compliance in a Rabbit Model of Bullous Emphysema*. Journal of Investigative Medicine, 44(1), 167A.

M. Brenner, R. McKenna, R. Fischel, A. Gelb, F. Kafie, M Budd, B. Yoong, J. Chen, A. Wilson, M. Berns. 1996. *Assesment of Response in a large prospective trial of Bilateral Stapled Lung Volume Reduction Surgery for Emphysema*. Chest, 1996.

M. Brenner, B. Yoong, M Budd, F. Kafie, T. Waite, D. Mukai, R. McKenna, J. Chen, R. Fischel, A. Gelb, A. Wilson, M. Berns. 1996. *The effect of Lung Volume Reduction Surgery on Static Compliance and Maximal Flows in a Rabbit Model of Emphysema*. Chest.

J. Chen, M. Brenner, J. Huh, F. Kafie, J. Milliken, B. Yoong, A. Gassel, E. Stemmer. 1997. *Lung Reduction Surgery in a Rabbit Model of Obstructive Emphysema*. Association of VA Surgeons.

J. Huh, J. Chen, F. Kafie, G. Furman, J. Milliken, S. Wilson. 1997. *A Multivesicular Liposomal Amikacin Formulation in the Treatment of Prosthetic Vascular Graft Infection*. Southwestern Surgical Congress.

J. Huh, J. Chen, C. Malki, F. Kafie, G. Furman, S. Wilson. 1997. *Local Treatment of Prosthetic Vascular Graft Infection with Multivesicular Liposome Encapsulated Amikacin*. Association of Veteran Surgeons.

F. E. Kafie, R. Williams, D.J. Tessier, G. Tominaga, M. Cinat., Y. Podnos, M. Lekawa, S.E. Wilson. *Serial Abdominal Closure ("SAC") Technique: A Novel Method for Delayed Closure of the Abdominal Wall*. Southwestern Surgical Congress.

F.E. Kafie, J.A. Freischlag. *The role of pre-operative embolization in Carotid Body Tumors*. Southwestern Vascular Society.

BOOK CHAPTERS:

Kafie, F, Williams, R. *Intra-abdominal Complications of HIV Infection*. Surgical Strategies in the AIDS Patient. 1997.

Kafie, F, Williams RA, Wilson SE. *Clinical Staging of HIV Infection*. In SE Wilson and RA Williams: Surgical Problems in the AIDS Patient. New York, Igaku-Shoin, 1995, pp 31-41.

Kafie, F, Williams RA. *Venous Disease in the Elderly*. In Aronow WS, Stemmer EA, Wilson SE. Surgical Disease of the Elderly. Futura Publishing Company. 1996.

Kafie, F, (Co-Editor) Surgery-Current Clinical Strategies. Surgical Handbook, Third Edition 1997.

Kafie, F, Wilson SE, *Complications of Vascular Access in the Dialysis Patient*. Textbook: Vascular Surgery, 1997. Yao.

Kafie, F, Deutsch, LS, Wilson, SE. *Balloon Angioplasty of Infra-Inguinal Arterial Occlusive Disease*. Textbook: Endovascular Surgery, 1999. Ahn et al.

Kafie, F, Fujitani, RM. *Screening and Pre-operative Imaging of Candidates for Carotid Endarterectomy*. Textbook: Seminars in Vascular Surgery, 1999. Rutherford et al.

Quinones-Baldrich, W, Kafie, F. *Surgical Treatment of Infected Aortic Aneurysms*. Textbook. Current Vascular Practice, 1999. Ballard, et al.

Freischlag, J, Kafie, F. *Peritoneal dialysis*. Vascular Access:Principles and Practice, 2000. Wilson et al.

Kafie, F, Moore, W. *Management of Cerebrovascular Disease*. The practice of General Surgery, 2000. Bland et al.

Quinones-Baldrich, W, Kafie, F. *Thrombolytic Therapy for Vascular Disease*. Vascular Surgery. Moore. In progress.

SELECTED PRESENTATIONS:

Guest Speaker UCSD School of Medicine 1991
"How to get into Medical School"

Harvard Medical School 1992
"Photodynamic Therapy in the treatment of Head and Neck cancers"

American College of Surgeons (SC Chapter) 1994
"Small Cell Carcinoma of the Larynx: Case Report and Review of the Literature"

American Association of Thoracic Surgeons 1995
International Meeting
"The Effect of Lung Volume Reduction Surgery in a Rabbit Model of Bullous Lung Disease"

Society of Thoracic Surgery 1996
International Meeting
"The Effect of Lung Volume Reduction Surgery in a Rabbit Model of Pulmonary Emphysema"

American College of Surgeons (SC Chapter) 1996
"Factors Related to Outcome in Blunt Intestinal Injuries Requiring Operation"

Kaiser Permanente (Anaheim, California) 1996
"Surgical Management of Thyroid Malignancies"

Kaiser Permanente (Anaheim, California) 1997
"Controversies in Colorectal Carcinoma"

Kaiser Permanente (Anaheim, California) <u>"Gastroesophageal Reflux Disease"</u>	1997
University of California, Irvine (Orange, California) <u>"Choledocal Cyst: Surgical Management"</u>	1998
University of California, Irvine (Orange, California) <u>"Thoracic Vascular Injuries"</u>	1998
University of California, Irvine (Orange, California) <u>"Biliary Anomalies"</u>	1998
University of California, Irvine (Orange, California) <u>"Cystic Lesions of the Pancreas"</u>	1998
University of California, Irvine (Orange, California) <u>"Thymoma"</u>	1999
University of California, Irvine (Orange, California) <u>"Small Bowel Tumors"</u>	1999
The Southwestern Surgical Congress (San Diego, California) <u>"Serial Abdominal Closure (iSACi) Technique: A Novel Method for Delayed Closure of the Abdominal Wall"</u>	1999
University of California, Irvine (Orange, California) <u>"Liver Trauma"</u>	1999
University of California, Irvine (Orange, California) <u>"Serial Abdominal Closure"</u>	1999
University of California, Los Angeles (L.A., California) <u>"Axillosubclavian Vein Thrombosis"</u>	1999
University of California, Los Angeles (L.A., California) <u>"Chronic Mesenteric Ischemia"</u>	1999
University of California, Los Angeles (L.A., California) <u>"Non-Atherosclerotic lesions of Arch Vessels"</u>	2000
University of California, Los Angeles (L.A., California) <u>"Carotid Body Tumors"</u>	1999

University of California, Los Angeles (L.A., California)	1999
<i><u>"Thoracoabdominal Aneurysms"</u></i>	
University of California, Los Angeles (L.A., California)	1999
<i><u>"Endovascular Grafting for AAA"</u></i>	
South Calif Endovascular Meeting (L.A., California)	2000
<i><u>"Endovascular Treatment of Type 1 Endoleak "</u></i>	
Southwestern Vasc (Palm Springs, California)	2000
<i><u>"The Role of Pre-operative Embolization in Carotid Body Tumors"</u></i>	
Baptist Medical Center (Pensacola, Florida)	2001-02
<i><u>"Endovascular Surgery: the future of Vascular Surgery?"</u></i>	
<i><u>"Thoracic Outlet Syndrome"</u></i>	
<i><u>"Vascular Access for Hemodialysis"</u></i>	

International Work:

-Costa Rica Medical Program	1990
description: Observe and participate in clinical activities in community-based health centers. Participate in vaccination programs, lectures, and preventive health care services in the community.	

Clinical Work:

-National Institute of Cardiovascular Technologies	1989
-îPulse Programî (UCI Medical Center)	1989
-Community Clinic of Orange County (UCI)	1985
HOAG Memorial Hospital	1984
Activities & Awards:	
<u>UCLA School of Medicine</u>	
-President for Aesculapians Student Committee	1990
-Co-Chair for Aesculapians Student Dinner Committee	1989

-Massachusetts General Hospital Fellowship	1991
-Member of Admissions Committee	1990
-Member of the California/AMA	1993
-Interamerican College of Physicians & Surgeons	1993
-Fluent in Spanish (speak and write)	
Wellman Laser Laboratory Fellowship (Harvard)	1991
Beckman Laser Laboratory Fellowship (California)	1995
Golden Scalpel Award- "Best Surgical Resident" University of California, Irvine	1999

Certificates:

Advanced Trauma Life Support	1997-2001
Advanced Cardiac Life Support	
Hyperbaric Medicine Certificate	

Hobbies:

Offshore fishing, boating, traveling, biking.
