



James W. Holcroft, M.D.

Clinical Interests	James W. Holcroft specializes in shock management management, pulmonary and cardiovascular physiology, and trauma surgery. His research includes prediction of survival in critically ill trauma patients, newer modes of ventilatory support, characterization of vascular load in critically ill patients, steady flow power as an index of oxygen delivery to peripheral tissues, and hypertonic saline for resuscitation of injured patients.
Title	Professor, Trauma Surgery
Specialty	Surgery - Trauma, Emergency and Critical Care
Department	Surgery
Center/Program Affiliation	Trauma Program UC Davis Medical Group
Address/Phone	UC Davis Medical Center, UC Davis Medical Center - Trauma, Acute Care Surgery and Surgical Critical Care, 2315 Stockton Blvd. Sacramento, CA 95817 Phone: 800-2-UCDAVIS (800-282-3284)
Additional Phone	Clinic Phone: 916-734-2680 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., Case Western Reserve University School of Medicine, Cleveland, Ohio, 1969 B.S., Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, 1963
Internships	University of California, San Francisco, San Francisco, California, 1969-70
Residency	University of California, San Francisco, San Francisco, California, 1970-76
Fellowships	University of California, San Francisco, San Francisco, California, 1976-77
Board Certifications	American Board of Surgery, 1977 American Board of Surgery - General Vascular Surgery, 1986 American Board of Surgery - Surgical Critical Care, 1987
Professional Memberships	American Association for the Surgery of Trauma American College of Surgeons American Surgical Association Association for Academic Surgery



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Northern California Vascular Society
Pacific Coast Surgical Association
Shock Society
Society of University Surgeons
Western Surgical Association
Western Vascular Society

Honors and Awards

John C. Tupper Prize for Excellence in Teaching, 2000
Surgical House Staff Teacher of the Year, 2000
Surgical House Staff Teacher of the Year, University of California, Davis, 1999
Certificate for Excellence in Teaching Senior Class, University of California, Davis, 1997
Surgical House Staff Teacher of the Year, University of California, Davis, 1996
John C. Tupper Prize for Excellence in Teaching, University of California, Davis, 1995
Certificate for Excellence in Teaching Senior Class, University of California, Davis, 1995
Senior Class Clinical Teacher of the Year, University of California, Davis, 1995
Kaiser Award for Excellence in Teaching in Clinical Sciences, University of California, Davis, 1993
Selected by graduating seniors to administer Hippocratic oath, University of California, 1993
Surgical House Staff Teacher of the Year, University of California, Davis, 1989
Selected by graduating seniors to administer Hippocratic oath, University of California, Davis, 1983

Select Recent Publications

Holcroft JW. The hypertonic saline trial: a possible downside to the gold standard of double blinding. *Ann Surg*, 2011 253(3): 442-3.

M Shaw, DJ Del Pizzo, WC Pevec, JW Holcroft, DL Dawson. A Case Study: Cystic Adventitial Disease of the Popliteal Artery. *The Journal for Vascular Ultrasound*, 2007 31(1): 45-48.

Holcroft JB, Hoyt DB, Jurkovich, Peitzman AB. Resuscitation of the Injured Patient. *Contemporary Surgery*, 2003 59(7): 311-320.

Holcroft, J.W. Hypertonic saline for resuscitation of the patient in shock. *Advances in Surgery Vol 35*:397-318. 2001

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