

Michael T. Lawton



Vascular neurosurgeon

Dr. Michael T. Lawton is the chief of Vascular Neurosurgery in the Neurosurgery Clinic at UCSF Medical Center and specializes in the surgical treatment of aneurysms, arteriovenous malformations (AVMs), arteriovenous fistulas, cavernous malformations and cerebral revascularization, including carotid endarterectomy. As chief of the busiest vascular neurosurgery service on the West Coast for over 15 years, he has surgically treated over 3,000 brain aneurysms and over 600 AVMs. He is also trained in the endovascular treatment of aneurysms.

His research at the Center for Neurological Cerebrovascular Research (CCR) investigates the physiology of cerebral circulation and the pathophysiology of vascular malformations. His basic science investigations study the formation, underlying genetics and rupture of brain AVMs, as well as hemodynamics, rupture and computational modeling of brain aneurysms. His clinical investigations study the anatomy of microsurgical approaches to vascular lesions and efficacy of aneurysm, AVM and bypass surgery.

Lawton is the Tong-Po Kan endowed chair, a professor of neurological surgery and vice chairman of the department. He received numerous research awards as a resident and received the Young Neurosurgeon Award from the World Federation of Neurosurgical Societies and the International Congress of Neurological Surgery. Lawton graduated with honors from Brown University with an undergraduate degree in biomedical engineering. He earned a medical degree at the Johns Hopkins University School of Medicine and completed a general surgery internship at Johns Hopkins Hospital. He completed a neurosurgical residency and fellowship in cerebrovascular and skull-base surgery at the Barrow Neurological Institute.

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Residencies Johns Hopkins Hospital, General Surgery 1991

Fellowships St. Joseph's Hospital, Cerebrovascular/Skull Base Surgery 1996

St. Joseph's Hospital, Neurological Surgery 1997

Publications as First Author

1: Lawton MT, Abula AA. Management of brain arteriovenous malformations. *Lancet*. 2014 May 10;383(9929):1634-5. doi: 10.1016/S0140-6736(14)60784-4. PubMed PMID: 24814452.

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