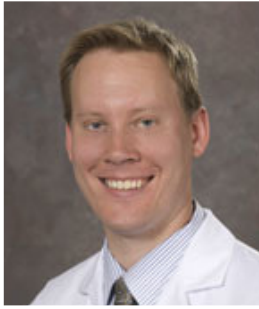


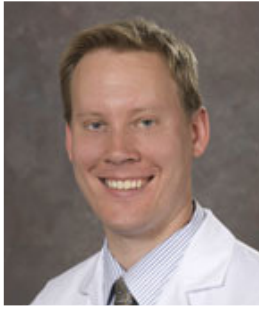
Ben Waldau, M.D., FAANS

Clinical Interests	Dr. Waldau is a specialist in open cerebrovascular and endovascular treatment of cerebral aneurysms and arteriovenous malformations. His dual training in open surgery and endovascular embolization allows him to choose the best treatment modality for his patients, and sometimes he uses a combination of both approaches to achieve the best results. He also has an interest in stroke and extracranial carotid disease which he can treat with carotid endarterectomy or carotid angioplasty and stenting. With the establishment of the stroke unit at UC Davis, we are striving to provide highly specialized care to our vascular patients to achieve the best outcomes.
Research/Academic Interests	Dr. Waldau's research focuses on transplantation of reprogrammed progenitor cells after stroke to enhance functional recovery. Human subventricular progenitor cells are harvested and reprogrammed to become motor neurons in collaboration with the UC Davis Stem Cell Program. The overall goal is to gather sufficient data to start clinical trials in stroke patients in the future.
Title	Associate Professor
Specialty	Neurological Surgery, Surgery - Vascular and Endovascular , Skull Base Surgery, Brain Tumors, Spine Surgery
Department	Neurological Surgery
Division	Neurological Surgery UC Davis Medical Group, Sacramento - Midtown
Clinic	Neurological Surgery Clinic
Center/Program Affiliation	Center for Neuroscience Center for Skull Base Surgery UC Davis Medical Group Spine Center
Address/Phone	UC Davis Midtown Ambulatory Care Center, Midtown Neurology Clinic, 3160 Folsom Blvd Suite 2100 Sacramento, CA 95816 Phone: 916-734-3588 Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816 Phone: 916-734-7463



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Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	German
Education	M.D., Ruprecht-Karls University, Heidelberg, Germany 2002
Internships	General Surgery, Duke University Medical Center, Durham NC 2004-2005
Residency	Neurosurgery, Duke University Medical Center, Durham NC 2005-2010
Fellowships	Endovascular Neurosurgery, University of Florida, Gainesville FL 2010-2011 Neural Stem Cell Research, William P. Van Wagenen Fellowship at Center for Regenerative Therapies Dresden, Dresden, Germany 2011-12
Board Certifications	American Board of Neurological Surgery - Diplomate
Professional Memberships	American Association of Neurological Surgeons Congress of Neurological Surgeons Society for Neuroscience
Honors and Awards	UC Davis Stroke Center Award of Excellence, 2015 CNS Basic Science/Translational Research Resident Fellowship Award, 2007
Select Recent Publications	Cary WA, Hori CN, Pham MT, Nacey CA, McGee JL, Hamou M, Berman RF, Bauer G, Nolte JA, Waldau B. Efficient Generation of Induced Pluripotent Stem and Neural Progenitor Cells From Acutely Harvested Dura Mater Obtained During Ventriculoperitoneal Shunt Surgery. <i>World Neurosurg.</i> 2015 Nov;84(5):1256-66.e1. Jamal AL, Walker TL, Waber Nguyen AJ, Berman RF, Kempermann G, Waldau B. Transplanted Dentate Progenitor Cells Show Increased Survival in an Enriched Environment But Do Not Exert a Neurotrophic Effect on Spatial Memory Within 2 Weeks of Engraftment. <i>Cell Transplant.</i> 2015;24(12):2435-48. Lu A, Shen P, Lee P, Dahlin B, Waldau B, Nidecker AE, Nundkumar A, Bobinski M. CrossFit-related cervical internal carotid artery dissection. <i>Emerg Radiol.</i> 2015 Aug;22(4):449-52.



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