



David E. Sahar, M.D.

Clinical Interests	<p>Dr. Sahar has clinical interests in the areas of general plastic and reconstructive surgery, hand surgery, and cosmetic surgery. He has special interest in microsurgery and free tissue transfer involving breast reconstruction (DIEP flap) and lower extremity.</p> <p>He is involved in both clinical and basic science research. Dr. Sahar's laboratory focus is on tissue engineering using adipose derived stem cells, acellular dermal matrix biology in breast reconstruction, cranial suture biology and wound healing.</p>
Research/Academic Interests	<p>Dr. Sahar's laboratory focus is on tissue engineering using adipose derived stem cells, acellular dermal matrix biology in breast reconstruction, cranial suture biology and wound healing.</p>
Title	Associate Professor
Specialty	Surgery - Plastic & Reconstructive
Department	Surgery
Division	Plastic Surgery
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Additional Phone	<p>Phone: 916-734-2723 Physician Referrals: 800-4-UCDAVIS (800-482-3284)</p>
Education	<p>M.D., University of Minnesota Medical School, Minneapolis MN 1999 B.A., University of Minnesota, Minneapolis MN 1994</p>
Internships	Surgery, UC San Francisco - East Bay, Oakland CA 2000-2001
Residency	Surgery, UC San Francisco - East Bay, Oakland CA 2001-2007
Fellowships	<p>Craniofacial Disease and Development Research, Stanford University School of Medicine, Palo Alto CA 2002-2004 Research- Immunotherapy and Metastatic Tumors, University of Minnesota School of Medicine, Minneapolis MN 1999-2000</p>



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Plastic and Reconstructive Surgery, University of Texas - Health Science Center, San Antonio, TX
2007-2010

Board Certifications

American Board of Plastic Surgery, 2011
Medical Board of California-Physician and Surgeon license, 2002

Professional Memberships

American Association for Hand Surgery
American College of Surgeons
American Society for Reconstructive Microsurgery
American Society of Plastic Surgeons
Sigma Xi, The Scientific Research Society
The Plastic Surgery Research Council

Honors and Awards

"Best of the Best The Best Scientific Presentations of the State and Regional Societies, Aesthetica, Hot Topics, and Guest Nation Mexico 2017. American Society of Plastic Surgeons October 7th, 2017. Orlando, FL., 2017
Patients Choice Award 2016 Vitals, 2017
Thomas R. Russel Resident Research Award First Prize. American College of Surgeons, NCC. April 29th, 2016. Berkeley, CA., 2016
Medical Student Research Forum Appreciation Award In Recognition of Mentoring Medical Research Fellowship Student UC Davis, School of Medicine., 2014
Compassionate Doctor Recognition Award - Vitals, 2013

Select Recent Publications

Orbay H, Li Y, Xiao W, Cherry SR, Lam K, Sahar, DE. Developing a Nanoparticle-Delivered High-Efficacy Treatment for Infantile Hemangiomas Using a Mouse Hemangioendothelioma Model. Plastic and Reconstructive Surgery. 2016;138(2):410-417.

Charvet H, Orbay H, Harrison L, Devi K, Sahar DE. In Vitro Effects of Adipose-Derived Stem Cells on Breast Cancer Cells Harvested from the Same Patient. Annals of Plastic Surgery. 2016 May;76: S241-S246.

Hinchliff K, Olson CA, Little CJ, Orbay H, Sahar, DE. Irradiated Superficial Femoral Artery Rupture after Free Flap: A Case Report and Review of the Literature. Annals of Plastic Surgery. 2015 May;74:S15-18.



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Jaiswal R, Busse B, Allen RH, Sahar DE. Treatment of Elbow Osteomyelitis with an Interposition Arthroplasty Utilizing a Rectus Abdominis Free Flap. *Annals of Plastic Surgery*. 2015 May;74:S19-21.

Nazerali RS, Hakimi M, Giza E, Sahar DE. Single-Stage Reconstruction of Achilles Tendon Rupture With Flexor Hallucis Longus Tendon Transfer and Simultaneous Free Radial Fasciocutaneous Forearm Flap. *Annals of Plastic Surgery*. 2013 April;70(4):416-418.

Sahar DE, Walker JA, Wang HT, Stephenson SM, Shah AR, Krishnegowda NW, Wenke JC. Effect of Endothelial Differentiated Adipose-Derived Stem Cells on Vascularity and Osteogenesis in Poly (D,L-Lactide) Scaffolds In Vivo. *J. Craniofacial Surgery*. 2012 May;23(3):913-918.

Sahar DE, Longaker MT, Quarto N, Sox9 neural crest determinant gene controls patterning and closure of the posterior frontal cranial suture. *Developmental Biology*. 2005 April; 280:344-361.

Sahar DE, Yang GP, Longaker MT, Harken AH, Surgical application of cDNA microarray technique. *Surgery*. 2005 Sep;138(3):399-403.

Jenkins, DD, Streetz K, Tataria, M, Sahar DE, Kurobe, M, Longaker, MT, Kay, MA, Sylvester, K. Donor-Derived, Liver-Specific Protein Expression after Bone Marrow Transplantation. *Transplantation*. 2004 Aug 27;78(4):530-536.

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