



## David George Greenhalgh, M.D.

### Philosophy of Care

Dr. Greenhalgh's philosophy of care is for the early treatment of the burn with goal to optimize the functional and cosmetic outcomes. He will take the extra steps to ensure that the ultimate outcome is as close to normal as possible. He will also follow the patient for as long as needed to ensure the best results.

### Clinical Interests

Dr. Greenhalgh manages all aspects of burn care, whether minor or major, from the initial resuscitation to reconstructive surgery. He takes care of all inpatient needs, including critical care, and specializes in excision and skin grafting of the wounds. He will also manage any massive wound and will perform reconstructive surgery of burn scars.

### Research/Academic Interests

Dr. Greenhalgh's research focuses on understanding the response to injury and how we can manage that response to improve outcomes in burn patients. In particular, he focuses on the cellular response to stress and infection, the effects of resuscitation in burns and how early treatment improves scar formation. He is also involved in many aspects of improving burn prevention.

**Title** Chief, Division of Burn Surgery

Professor, Division of Burn Surgery

**Specialty** Surgery, Surgery - Burn, Surgical Critical Care

**Department** [Surgery](#)

**Division** Burn Surgery

**Center/Program Affiliation** [Burn Center](#)

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## David George Greenhalgh, M.D.

- Education** M.D., State University of New York, Upstate Medical Center, Syracuse NY 1981  
B.A., Hamilton College, Clinton NY 1977
- Internships** Straight Surgical, Medical Center Hospital of Vermont, Burlington VT 1981-1982
- Residency** General Surgery, Medical Center Hospital of Vermont, Burlington VT 1982-1986
- Fellowships** Research, University of Vermont College of Medicine, Burlington VT 1986-1987  
Burn, University of Washington, Seattle WA 1987-1988  
Clinical Year, University of Washington (Burn Center), Harborview Medical Center, Seattle WA 1988-1989
- Board Certifications** American Board of Surgery  
American Board of Surgery - Surgical Critical Care  
CA Physicians and Surgeon  
Hawaii Medical License  
Vermont Medical License
- Professional Memberships** American Association for the Advancement of Science (AAAS)  
American Board of Surgery  
American Burn Association  
American College of Surgeons  
American Medical Association (AMA)  
American Surgical Association  
Association for Academic Surgery (AAS)  
Phoenix Society  
Shock Society  
Society of Critical Care Medicine (SCCM)  
Society of University Surgeons  
Surgical Infection Society  
Wound Healing Society
- Honors and Awards** Harvey Stuart Allen Distinguished Service Award, 2016  
President-elect, International Society for Burn Injuries, 2018  
Alan and Delwyn Breslau Award the highest distinction of the Phoenix Society of Burn Survivors, 2015  
Helen Marian Bart Endowed Professorship in Burn Care, 2015  
Sacramento Magazines Top Doctors, 2011  
U.S. News and World Report 2011-2012 Top Doctor List, 2011



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### Select Recent Publications

Hibbard E. Williams, MD Lifetime Achievement Award, UC Davis Medical School, 2010

President's Leadership Award for the American Burn Association, 2009

President, American Burn Association, 2006, 2007

Best resident paper of the Seattle Surgical Society, 1989

Green TL, Leventhal SM, Lim D, Cho K, Greenhalgh DG. Lipopolysaccharide stress induces cryptic exon splice variants of the human glucocorticoid receptor. *Shock*. 2019 Dec;52(6):590-597. doi: 10.1097/SHK.0000000000001318.

Greenhalgh DG. Management of burns. *N Engl J Med*. 2019 Jun 13;380(24):2349-2359. doi: 10.1056/NEJMra1807442.

Green TL, Leventhal SM, Lim D, Cho K, Greenhalgh DG. A tri-nucleotide pattern in a 3'UTR segment affects the activity of a human glucocorticoid receptor isoform. *Shock*. 2017 Feb;47(2):148-157. doi:10.1097/SHK.0000000000000750.

Greenhalgh DG. A primer on pigmentation. *J Burn Care Res*. 2015 Mar-Apr;36(2):247-57. doi: 10.1097/BCR.0000000000000224.

Greenhalgh DG, Hinchcliff K, Sen S, Palmieri TL. A ten-year experience with pediatric face grafts. *J Burn Care Res*. 2013 Sep-Oct;34(5):576-584. doi:10.1097/BCR.0b013e3182a22ea5.

Greenhalgh DG, Chang P, Maguina P, Combs E, Sen S, Palmieri TL. The ABC Daycare disaster of Hermosillo, Mexico. *J Burn Care Res*. 2012 Mar-Apr;33(2):235-241. doi:10.1097/BCR.0b013e3182335948.

Greenhalgh DG, Saffle JR, Holmes JH, IV, Gamelli RL, Palmieri TL, Horton JW, Tompkins RG, Traber DL, Mazingo DW, Deitch EA, Goodwin CW, Herndon DN, Gallagher JJ, Sanford AP, Jeng JC, Ahrenholz DH, Neely AN, O'Mara MS, Wolf SE, Purdue GF, Garner WL, Yowler CJ, Latenser BA (The American Burn Association Consensus Conference on Burn Sepsis and Infection Group).



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American Burn Association Consensus Conference to Define Sepsis and Infection in Burns. *J Burn Care Res.* 2007;28(6):776-790. doi:10.1097/BCR.0b013e3181599bc9.

Greenhalgh DG, Bridges P, Coombs E, Chapyak D, Boyle W, O'Mara MS, Palmieri TL. Instant cup of soup: Design flaws increase risk of burns. *J Burn Care Res.* 2006 Jul-Aug;27(4):476-481. doi: 10.1097/01.BCR.0000226021.78139.49.

Greenhalgh DG, Warden GD. The Importance of Intra-abdominal Pressure Measurements in Burned Children. *J Trauma.* 1994 May;36(5):685-690. doi:10.1097/00005373-199405000-00015.

Greenhalgh DG, Sprugel KH, Murray MJ, Ross R. PDGF and FGF stimulate wound healing in the genetically diabetic mouse. *Am J Path.* 1990 Jun;136(6):1235-1246.

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