Burn Injuries in the US

• Nearly 500,000 people are treated for burns each year
• Almost 3,700 recorded deaths were from fire/smoke inhalation in 2016
• Primary causes of injury include fire/flame, scalds, electrical, and chemical burns
• Children are 2.4x more likely than the general population to experience burn injuries

Photo courtesy of Ernst Vikne, CC BY-SA 2.0, via Wikimedia Commons
2021 Focus On: Electrical Injury and Burn Prevention

Common sources of danger:
• Electrical sockets
• Electrical cords
• Appliances near water

#NBAW
National Burn Awareness Week
FEBRUARY 7–13, 2021
Acting short term, thinking long term

The American Burn Association is dedicated to improving the lives of everyone affected by burn injury by promoting and supporting burn-related research, education, care, rehabilitation, and prevention.

Its members are primarily physicians, nurses, OTs/PTs, researchers, social workers, fire fighters, and hospitals with burn centers.
Military Burn Research Program (MBRP) Funding

• Funded annually since 2011 through DOD appropriations

• Improves the standard of care for service members who sustain burn injuries

• Partnership with ABA burn centers conducting multicenter clinical trials across the U.S. on burns
$10M MBRP Funding Needed for FY22

• MBRP has successfully produced research addressing triage, rehabilitation, infection treatment, blood transfusion, and traumatic brain injury

• Many unmet research needs remain showing great promise to improve livelihoods of wounded warriors, including:
  • Optimizing burn wound outcomes
  • Cell-based therapies replacing muscle/nerve loss and function
  • Prolonged field care and evacuation
  • Decision support technology empowering medics to deliver lifesaving interventions

Staff Sgt. Betty Schnoop labels a simulated victim as immediate response due to a life threatening injury, while Capt. Layne Green checks the lungs of a simulated burn victim during a dorm fire exercise at an air base in Southwest Asia. Photo courtesy of U.S. Air Force/Senior Airman Courtney Richardson
Thank you for supporting burn injury awareness, prevention and treatment.