



Penn Nursing

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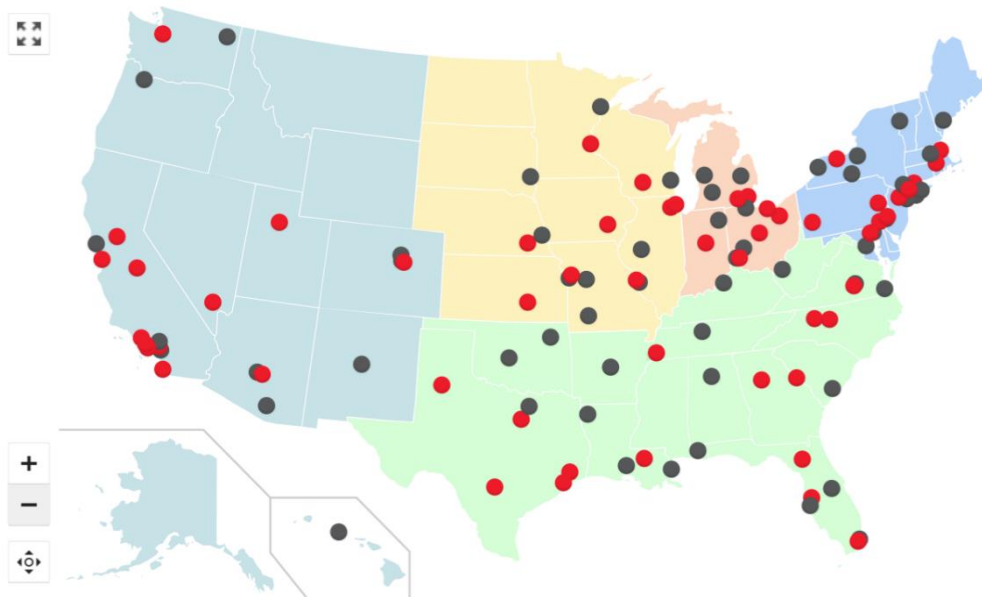
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Caring for Survivors of a Nuclear Event: The Burn Nursing Perspective



Burn Center Regional Map

HOME / PUBLIC RESOURCES / BURN CENTER REGIONAL MAP



Red dots represent locations with **ABA Verified Burn Centers**

- Northeast Region
- Southern Region
- Eastern Great Lakes Region
- Midwest Region
- Western Region

Burn Center Locations : All (as of 6/1/18)

- United States:
 - 67 ABA-Verified Centers
 - 42 Non-Verified Centers
 - Total of ~900 burn beds
- Canada – 3 ABA-Verified Centers

Pediatric Burn Centers

- Of the 67 US Centers, 39 (58%) have combination adult / pediatric units
 - 4 freestanding pediatric burn hospitals
 - 5 burn units in freestanding children's hospitals
- The 3 Canadian centers are adult and pediatric units

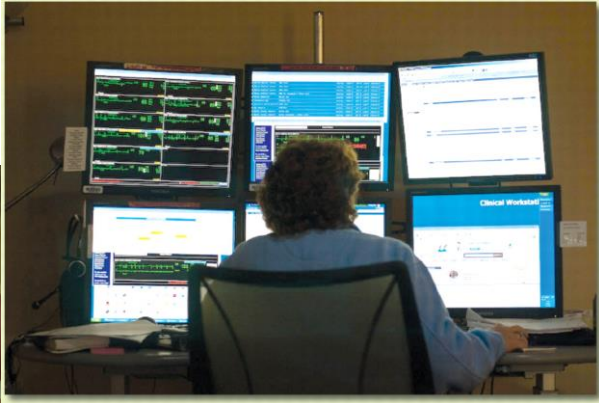
US Burn Nursing Workforce: Current State

- Nurses are on the frontlines of all disasters and mass casualties
 - Most hospitals are understaffed, nursing shortage looming
 - Past natural disasters
- Burn Nurses
 - Approximately 30 RNs per burn center
 - 3,270 total RNs with burn expertise
 - 1,962 burn RNs with pediatric expertise
 - Approximately 1 APRN / PA per burn center
 - 109 APRNs / PAs
- Ambulatory Care
 - Each burn center has an ambulatory burn care clinic
 - Variable nurse staffing, some staff with acute care nurses, others separate

- Burn Nurse Competencies
 - Nine Core Burn-Specific Nursing Competencies
 - Initial Assessment and Management
 - Physiologic Support
 - Wound Management
 - Pain, Agitation, and Delirium
 - Nutritional Support
 - Psychosocial Support
 - Rehabilitation
 - Discharge Planning and Aftercare Support
 - End of Life Care



Carrougher, G., Hollowed, K., Sproul, J., Wiggins, B., & Mann-Salinas, E. (2017). Burn Nurse Competencies: Developing Consensus Using E-Delphi Methodology. *Journal of burn care & research : official journal of the American Burn Association*. doi:10.1093/jbcr/irx036



- Bottom Line:

- We do not have enough burn nurses to care for 20,000 “burn” patients
- The pediatric burn nursing expertise is limited, may result in family stress due to separation
- There is an opportunity to extend the reach of burn nursing expertise to other similar nurses
- Need: Practice guideline with nursing workforce considerations
- Need: Technology (Tele burn-ICU?)
- Need: Add nuclear event triage and first 48-72hrs of care to ABLS course



ADVANCED BURN
ABLS
LIFE SUPPORT



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