

Burns Goals and Objectives

Patient Care

Competency

Residents must be able to provide patient care that is compassionate, appropriate, patient-centered and effective for the diagnosis treatment of pediatric critical care problems.

Residents are expected to:

Objectives

1. Participate in lectures and discussion of burn patient management and treatment
2. Round on burn patients and discuss both acute and rehabilitative issues

Medical Knowledge

Competency

Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care. Residents are expected to be able to:

Objectives:

1. Learn assessment and classification of burn wounds, including estimation of burn size and depth and prediction of related morbidity and mortality.
2. Gain appreciation of stress response to acute burn injuries, including hemodynamic, metabolic, nutritional support, wound care and ventilator management.
3. Learn initial management of the acute burn patient, including fluid resuscitation, nutritional support, wound care and ventilator management.
4. Learn wound management of burn patients, including an understanding of wound healing, wound sepsis, topical and antimicrobial agents, biological dressings and skin substitute and skin grafts.
5. Develop fundamental surgical skills in treatment of burn patients, including wound debridement, wound dressing and splinting, skin grafting and scar contracture release.
6. Gain appreciation for burn rehabilitation, including physical and occupational therapy, psychosocial support and reconstructive needs.
7. Improve communication leadership skills through interaction and coordinating discussion with patients and their families, attending physicians, medical personnel, medical students and fellow residents.
8. Learn principles of management of special problems, including inhalation injuries, chemical burns, electrical injuries and toxic epidermal necrolysis.

Practice- Based Learning and Improvement

Competency

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to

develop skills and habits to be able to:

Objectives:

1. Evaluate one's own knowledge, incorporating feedback from others
2. Modify self-directed learning appropriately including feedback provided from the faculty attending and peers..
3. Appraise and assimilate evidence from scientific studies to enhance patient care, especially as it relates to burns-related diagnoses and treatments.
4. Effectively use information technology and other resources to support one's own ongoing self-education (DVDs, CDs, SCC five-volume handouts)
5. Participate in discussions concerning patient care with other health care professionals, attendings, and ancillary staff (physical therapy, dietary)
6. Attend and participate in teaching conferences, didactics and rounds

Systems Based Practice

Competency

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as be able to effectively call on other resources in the system to provide optimal health care. Residents are expected to:

Objectives

1. Collaborate with and maintain appropriate professional attitudes and behaviors toward other medical professionals and allied health personnel
2. Use diagnostic and therapeutic procedures appropriately and judiciously
3. Evaluate risks, benefits, limitations, and costs of patient care
4. Work effectively with other services, health care agencies, and case managers

Professionalism

Competency

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Objectives

1. Exemplify and display an observable respect and compassion toward patients
2. Exemplify reliability, punctuality, integrity and honesty
3. Accept responsibility for one's own actions and decisions
4. Consider the effects of personal, social, and cultural factors in the disease process and patient management
5. Demonstrate non-judgmental sensitivity and responsiveness to the age, culture, disability status, and gender of patients, families and colleagues

Interpersonal and Communication Skills

Competency

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Objectives

1. Establish trust and maintain rapport with patients and families
2. Discuss diagnoses, prognoses and treatment options clearly and accurately to patients
3. Utilize effective listening skills
4. Communicate and interact with staff/team in respectful, responsive manner
5. Be sensitive to the culture surrounding burn patients