

Burn and Wound Care



Children's Specialized Hospital (CSH) treats children and adolescents with complex burns and wounds. As a part of the rehabilitation process, scar management and mobility remains a top priority while encouraging independence and function. Treatment includes wound monitoring, along with assessment of skin grafts and pressure mapping of wounds for effective scar management.

The individualized approach to burn and wound care can include:

- Daily medical management by physician and clinical team
- Physical therapy for functional mobility
- Occupational therapy for functional mobility and participation in daily care
- Speech therapy for facial/oral mobility, feeding, swallowing, respiratory support, and communication
- Recreation therapy for independence in leisure and play
- Fabrication of splinting equipment as needed
- Specialized compression garments with splinting
- Debridement, therapeutic bathing and management of overall skin integrity
- Whirlpool treatment to aid in scar tissue healing
- Advanced dressings, including specialized gel padding and spacing garments
- Child Life services for coping and self-advocacy
- Psychology to provide social, emotional, and behavioral support
- Range of motion activities to improve function and participation
- Gradual exposure to outdoors and heat to accommodate compromised systems

Our clinical teams are highly skilled in the rehabilitation of:

- Conditions resulting from antibiotic resistant bacterial infections
- Traumatic wounds and burns represented by skin disruption and loss of tissue, muscle, and bone
- Pressure sores
- Non-healing surgical wounds related to diabetes, poor nutrition, compromised immunity or infection



The plan of care for each patient is unique, but can include:

- Nursing staff present on referring acute care burn unit to increase comfort level and allow for a comprehensive transition
- Arranging follow-up visits upon discharge to referring physician and burn unit to continue monitoring during the healing process
- Education for parents regarding the necessity of pressure garments to lessen extreme scarring and increase range of motion

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