

UNIVERSITY OF ROCHESTER MEDICAL CENTER
KESSLER BURN CENTER
INSTITUTE FOR INNOVATIVE EDUCATION
FINGER LAKES REGIONAL TRAINING CENTER (FLRTC)

KESSLER BURN CARE COURSE
FLRTC-BURN-ONLINE

Background: The Kessler Burn Care Course was developed and presented by faculty and staff from the University of Rochester Medical Center, Kessler Burn Center. The content was recorded in 2018-2019.

Purpose of Training: The goal of this course is to build on the concepts and clinical guidelines taught in Advanced Burn Life Support (ABLS) and to present healthcare providers with URMK Kessler Burn Center's recommendations and guidelines on caring for an adult and pediatric burn patient before transfer to an appropriate level of care can be arranged.

The course is comprised of 10 self-paced video modules. At the conclusion of each module, learners must complete a knowledge check. Once all modules are completed, learners will be presented with an adult and pediatric case scenario to further test understanding of content. This online course can be completed in approximately 2 hours.

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Prerequisites:

Prior training in Advanced Burn Life Support (ABLS) is recommended but not required.

Target Healthcare Audience:

Hospital-based healthcare providers

How to Register:

To register for this online training, please click <https://www.nylearnsph.com> and search course catalog for: **FLRTC-BURN-ONLINE**

Note: Course is not compatible with the browser Internet Explorer

Questions Regarding NYSDOH Learning Management System (LMS):

Contact: edlearn@health.state.ny.us or call 518-474-2893

Questions Regarding Training:

Contact: Finger Lakes Regional Training Center

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Modules, Length and Objectives:

Overview of Burns and Wound Care (12 Min)

Instructor: Holly Moynihan, RN, MS

- Describe the major functions of the skin
- Identify severity of burns and potential treatment
- Describe how to perform proper wound care

Special Burns and Burn Wound Care (22 Min)

Instructor: Derek E. Bell, MD

- Describe how to identify, evaluate and treat scald, flame, contact, tar, chemical, electrical burns and frostbite.
- Describe myoglobin-urea & need for prompt treatment
- Describe different products that may be utilized on burns

Prioritization and Treatment (12 Min)

Instructor: Holly Moynihan, RN, MS

- Describe the primary and secondary burn assessments
- Describe how pediatric and adult burn patients differ
- Identify specific considerations and treatments for electrical and chemical burns

Airway Management (6 Min)

Instructor: Yanjie Qi, MD

- Discuss pathophysiology of inhalation injury
- List 3 types of inhalation injury
- Describe indications for early airway intervention & management

Fluid Resuscitation (16 Min)

Instructor: Dave Smith, RN

- Describe ebb & flow phases of burn shock
- Identify who requires fluid resuscitation
- Determine the TBSA utilizing the Rule of Nines and describe initial fluid resuscitation and ongoing fluid management

Stabilization and Transfer (5 Min)

Instructor: Holly Moynihan, RN, MS

- Understand pre-transfer stabilization
- Understand transfer criteria and procedure

Physical Therapy (6 Min)

Instructor: Danielle Kassin, PT

- Describe the role of the Physical Therapist in burn patients
- Identify types of range of motion & how to perform a stretch
- Describe how early mobility affects the burn patient

Occupational Therapy (7 Min)

Instructor: Mary Beth Kushner, OT

- Describe the role of Occupational Therapy for burn patients
- Explain the ideal positioning of the burn patient
- Explain strategies utilized to obtain proper positioning of specialized burned areas

Nutrition (12 Min)

Instructor: Christine Samorski, RD

- Describe the impact of early proper nutrition on wounds
- Explain why a burn patient's calorie needs are elevated
- Describe important nutrients for wound healing

Transfer Guidelines (6 Min)

Instructor: Derek E. Bell, MD

- Identify the American Burn Association's transfer criteria
- Explain why burn patients are best treated at a burn center