Acute Burn Care: Immediate Assessment and Treatment Options for EMS and ED

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This presentation will review current procedures and practices necessary when responding to an incident involving a patient with an acute burn injury. Dr. Sheridan will walk the audience through various scenarios they may encounter and speak to the expected outcomes for burn patients today.

Dr. Robert Sheridan graduated from Boston University’s 6 year medical program in 1979. He attended school on a military scholarship and trained at the Army Institute of Surgical Research at San Antonio. As a Lieutenant Colonel, he served as a burn triage officer during Operation Desert Storm and, on completion of his military duty, joined Massachusetts General and Shriners Hospitals. He now serves at the Chief of Burn Surgery at Shriners and Co-Director of the Adult Burn Unit at Mass. General. Dr. Sheridan has offered more than 200 publications and is an Associate Professor of Surgery at Harvard Medical School.

Outline:

- Overview of different types of thermal/burn injuries
- Criteria for initial assessment of patients including accurate identification and reporting of TBSA associated with each level of burn present
- Instructions on proper emergency treatment of burn for first responders and ED personnel
- Criteria for referral to a verified burn center for treatment
- Current treatment options and procedures for patients with burns of any degree

Objectives:

1. Implement a proper initial medical assessment of a burned victim
2. Initiate appropriate first responder emergency treatment
3. Understand the different levels of burns and corresponding current treatment options