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Abstract Title:	Burn Strong Initiative: A Burn Center's Response To Fire Department Needs
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Objective:	<ol style="list-style-type: none">1) Discuss the intent of the Burn Strong Initiative.2) Describe the impact of immersive care between the Burn Center, fire department, and burn community
Abstract:	<p>Introduction/Background: The purpose of this project is to enhance burn education, both inside and outside the Burn Center. The project was motivated by a perceived significant gap in burn education for the city's Fire Department. Here, we describe the progress made in closing this gap. In a combined effort between both institutions, a partnership has been developed to help new paramedic firefighters and existing firefighters understand the burn-care process and improve patient outcomes. Since its inception in August 2018, the Burn Strong Initiative has had three focuses: 1) training burn center personnel; 2) training Fire Department personnel; and 3) further community outreach.</p> <p>Methods/Design: Aim 1 – Burn Center Staff Training. In order to improve our clinical skills and to enhance our ability to serve as educators in the community, we committed to achieving Advanced Burn Life Support (ABLS) certification for as many of our Burn Center staff as possible.</p> <p>Aim 2 – Firefighter Training. The city requested that we develop and implement a new 2-hour Thermal Injury Update class delivered weekly for a total of 36 weeks to EMTs and paramedics starting January 2017 thru December 2019.</p> <p>Aim 3 – Fire Department Medical Staff Training. The city requested that the Burn Center provide access to an ABLS certification course for the Fire Department's physicians and medical staff.</p> <p>Results/Findings: This training effort has better prepared us to treat these complex patients, and is the initial point of entry into developing an immersive partnership with the city Fire Department.</p> <p>Aim 1 – We trained a total of 104 Burn Center medical staff in ABLS through our Burn Center Education Division, 12 of whom became</p>

	<p>certified as ABLIS instructors. The Burn Center is working towards having > 90% of Burn Center medical staff achieve ABLIS certification.</p> <p>Aim 2 – Burn Strong has completed 16, 2-hour Thermal Injury Update classes for Fire Department paramedics. 364 paramedics have completed this course thus far. There are 24 classes remaining throughout the end of this year. Total paramedics to be trained is expected to be > 1000 paramedics. The paramedics are receiving two CEU for this course. This training will be updated on an as-needed basis to help improve patient outcomes.</p> <p>Aim 3 – We trained a total of 19 Fire Department physicians in ABLIS, four of whom have become ABLIS instructors. More recently, we trained an additional 15 medical personnel at our Regional Advisory Council conference.</p> <p>Conclusions/Implications: Training firefighters requires ongoing training sustainment as well as a need to understand pre-hospital burn care. “Educational programs for clinicians managing patients with burn injuries represent a critical aspect of burn disaster preparedness. Managing a disaster, which includes a surge of burn-injured patients, remains one of the more challenging aspects of disaster medicine.” (Kearns et al. 2015)</p> <p>We plan on continuing our partnership with the city and the TX Regional Advisory Council in providing training that might improve burn patient outcomes.</p>
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