



Abstract Title:	A Ten Year Retrospective Review of Adult Admissions at a Major Southern Regional Burn Center
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Objective:	Upon completion of the lecture, attendees should be better prepared to: <ul style="list-style-type: none">▪ Identify the variety of burn and non-burn related admissions over a ten year period at a major Southern Regional Burn Center
Abstract:	<p>Introduction: The North Carolina Jaycee Burn Center opened its doors on February 19, 1981. During the first year of its existence, the facility treated approximately 150 adult and pediatric injuries. Since that time, our admissions have grown to an average of 1,700 admissions per year. These admissions are inclusive of pediatric, adult and other wound and special skin care needs patients. There has never been a comprehensive review of our admissions and their outcomes. The purpose of this survey was to examine ten years' worth of adult admission data and etiology.</p> <p>Methods: A retrospective database query of all adult admissions from the years 2008-2017 was conducted. Queried items included basic demographic data, county of residence, and percent TBSA or other non-burn related admission diagnosis. Additional items included burn etiology, surgical procedures, LOS and social concerns if warranted.</p> <p>Results: Adult admissions totaled 8,675 patients during this period. Fire (50%), Scald (36%) and Contact (6%) were the primary etiologies noted. Most injuries occurred in the home and during the winter months. Because of the large number of adult admissions and the age range, the researchers thought it best to sub-divide the age categories to garner a greater comprehension of the injuries, socioeconomic status and geographic location. Additionally, a fair number of admissions were referrals from three surrounding states. The sub-categories etiological breakdown will be discussed and examined.</p> <p>Conclusion: It is hoped that this review will assist professional fire and life safety educators as they develop new prevention focused educational programs that may be inclusive of geo-mapping.</p>
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