

عنوان مقاله:

Estimation of Activity of CD1۴ Biomarker in Iraqi Burn Patients

محل انتشار:

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خلاصه مقاله:

Burns have grown to be a significant public health issue in the last decade, with little more than a quarter of million deaths each year. Major burns trigger a significant inflammatory response that frequently progresses to a systemic response inflammatory syndrome, sepsis, and ultimately multiple organ failures. The inflammatory process defined by the recruitment of myeloid, T-cells, and the participation of several cytokines, chemokine, complement fractions, and growth factors is the primary mechanism involved in wound healing following burns. Inflammation is protein-based cytosolic complex that plays a part in modifying and enhancing the defense capability of the innate immune system when activated by metabolic stress or infection. This study aimed to investigate the correlation between bacterial infection in burn patients and the cluster level of differentiation (CD1۴) in their serum.

کلمات کلیدی:

Burn patients, CD1۴, Bacterial infection, Sepsis

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