

عنوان مقاله:

Evaluation of HBO on flaps and or grafting survival in burn patients

محل انتشار:

نهمین کنگره کشوری سوختگی (سال: 1398)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Background and Aim : Although there is a lack of proper data from low and middle-income countries (LMIC), there has been a worldwide decrease in the incidence and severity of burn injuries. Burn injuries are still occurring with high frequency in low and middle-income countries (LMIC). An estimate of 180 000 burn-related deaths happens annually which approximately 90% of which occur in LMIC, where decent management and proper infrastructure may reverse such a disaster. Methods : we studied google scholar for the terms HBO, burn, flaps and grafting and selected the most cited studies. added the most relevant studies to the study. Results : Most studies are performed on animals which led to favorable results of HBO increasing flaps/grafting survival on burn patients. Besides it is well known that proper tissue oxygenation which occurs best via HBO is related to a more successful healing process. Conclusion : experimental studies favor the positive effect of HBO on the healing process and increasing flaps/grafting survival. it seems that the conduction of strong clinical studies evaluating the effect of HBO on flaps/grafting survival in burn patients might be significant and may lead to reduce the cost of care in such patients

کلمات کلیدی:

HBO-burn-flaps-grafting

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