

Pengaruh hiperbarik oksigen (HBO) terhadap perfusi perifer luka gangren pada penderita diabetes melitus di RSAL Dr. Ramelan Surabaya = Effect of Hyperbaric Oxygen (HBO) againts peripheral perfusion of gangrene on diabetic patients at Dr. Ramelan Hospital, Surabaya in 2010

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Abstrak

Penelitian quasy experimental dengan pendekatan non equivalen control group design pre-pos test, bertujuan untuk mengidentifikasi pengaruh HBO terhadap perfusi perifer luka gangren pada penderita Diabetes mellitus di RSAL Dr. Ramelan Surabaya. Hasil penelitian pada 40 responden yang diambil secara consecutive sampling, menunjukkan ada perbedaan yang signifikan antara perfusi perifer sesudah diberikan HBO pada kelompok intervensi dan kontrol ( $p=0,001$ ), ada perbedaan yang signifikan antara perfusi perifer pada kelompok intervensi sebelum dan sesudah diberikan HBO ( $p=0,005$ ). Disimpulkan Hiperbarik oksigen berpengaruh terhadap perfusi luka gangren pada penderita diabetes mellitus yang dinilai dari akral, CRT dan saturasi oksigen.

.....This quasy experimental research with non equivalen control group design prepos test approach, purpose to identify HBO influence against peripheral perfusion of gangrene Diabetes mellitus patients in Dr. Ramelan Hospital, Surabaya. Resultof research on 40 respondents which taken by consecutive sampling, shown there is a significant differences on peripheral perfusion after given HBO group intervence and control ( $p=0,001$ ). a significant differences on peripheral perfusion before and after given HBO group intervence and control ( $p=0,005$ ). Concluded by Hyperbaric oxygen have an effect on peripheral perfusion of gangrene on diabetic mellitus patients from finger tips, CRT and oxygen saturation.