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## **Effects of hyperbaric oxygen and hyperbaric air on the survival of island skin flaps.**

Tan CM, Im MJ, Myers RA, Hoopes JE.

The effects of hyperbaric air and oxygen on skin survival were studied in acute 8 X 8 cm neurovascular island flaps in rats. Skin flaps treated with hyperbaric 8% oxygen (equivalent to room air at standard pressure) exhibited no improvement in skin survival. Skin flaps treated with hyperbaric air (21% oxygen) and hyperbaric 100% oxygen exhibited significant increases in survival.

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