

Search Rubicon

[Advanced Search](#)

[Home](#)

Browse

[Communities & Collections](#)

[Titles](#)

[Authors](#)

[By Date](#)

Sign on to:

[Receive email updates](#)

[My Rubicon](#)
authorized users

[Edit Profile](#)

[Help](#)

[Rubicon Research Repository](#) >
[Rubicon Foundation Archive](#) >
[Undersea and Hyperbaric Medicine Journal](#) >

Please use this identifier to cite or link to this item:

<http://archive.rubicon-foundation.org/2195>

Title: Skin allograft rejection and hyperbaric oxygen treatment in immune-histoincompatible mice

Authors: Erdmann, D
Roth, AC
Hussmann, J
Lyons, SF
Mody, NJ
Kucan, JO
Russell, RC

Keywords: HBO
hyperbaric
immunosuppressive
animal
mice
animal
mice
immune

Issue Date: 1995

Abstract: The effect of hyperbaric oxygen (HBO) as an immunosuppressive agent was evaluated by using a highly immunogenic skin allograft mouse model. Immune-histoincompatible female C57BL/6 and BALB/c mice (N = 30) were randomly assigned to three groups receiving no treatment (control group), low dose HBO treatment (two treatments once a week), and intermediate HBO treatment (two treatments 3 times/wk) 1 wk before and 2 wk after transplantation of a 1.5 x 2 cm full thickness skin allograft from the back. Rejection was observed a Day 7 and was completed 14 days after surgery in controls. Low dose and intermediate HBO treatment delayed skin allograft rejection, which was histologically confirmed.

Description: Undersea and Hyperbaric Medical Society, Inc. (<http://www.uhms.org>)

URI: [PMID: 8574127](#)
<http://archive.rubicon-foundation.org/2195>

Appears in Collections: [Undersea and Hyperbaric Medicine Journal](#)

Files in This Item:

File	Size	Format	
8574127.pdf	683Kb	Adobe PDF	View/Open

[Show full item record](#)

All items in DSpace are protected by copyright, with all rights reserved.