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Advanced Search Advanc	Please use the http://arcs Title: Authors: Keywords: Issue Date: Abstract:	Effect of beta 1-adrenoceptor blog 5 bar ambient pressure Risberg, J Hordnes, C Stuhr, LE Tyssebotn, I cardiac output air rat animal cardiac contractility Atenolol 1994 Conscious rats exposed to 5 bar (ambient pressure show increased blood flow (TMBF) and enhanced contractility in spite of unaltered pressure (MAP), heart rate (HR), a output (CO). Four groups of awak were given injections of atenolol bar normoxic N2, or both. Atenolo bar caused a marked reduction of left ventricular pressure (LVP), ar rise (+dP/dt) and fall (-dP/dt). In adrenoceptor blockade, ambient p increased HR, LVP, +dP/dt, -dP/d calculated cardiac O2 consumptio second atenolol injection at 5 bar reduction in HR but did not affect contractility. Rats receiving the fi injection at 5 bar demonstrated u We conclude that beta 1-adrenoc does not annual the increase in c	(500 kPa) (500 k			
	Description:	contractility associated with hyperbaria. Undersea and Hyperbaric Medical Society, Inc. (http://www.uhms.org) <u>PMID: 8000277</u> http://archive.rubicon-foundation.org/2175				
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