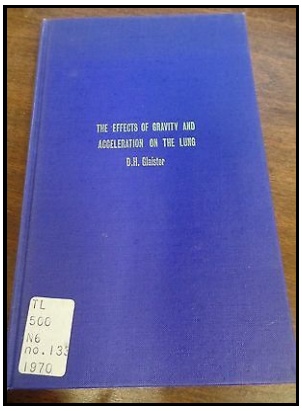
Effects of gravity and acceleration on the lung

[Published for] the Advisory Group for Aerospace Research and Development [of] N.A.T.O. [by] Technivision Services - Theoretical considerations on the response of lung tissue to the acceleration of gravity



Description: -
-
Chemistry -- Juvenile literature
Ìaroslavskaìa oblast′ (Russia) -- Biography.
Soldiers -- Russia (Federation) -- Ìaroslavskaìa oblast′ -- Biography.
World War, 1939-1945 -- Biography.
Soviet Union. Raboche-Krest′ìanskaìa Krasnaìa Armiìa -- Biography.
Sound recording executives and producers -- Interviews.
Sound recordings -- Production and direction.
Childrens plays.
Acceleration (Physiology)
Gravity -- Physiological effect.
Lungs.
Space flight -- Physiological effect.effects of gravity and acceleration on the lung
-
no. 133
AGARDograph,effects of gravity and acceleration on the lung
Notes: Bibliography: p. 193-210.
This edition was published in 1970

Filesize: 4.15 MB

Tags: #Theoretical #considerations #on #the #response #of #lung #tissue #to #the #acceleration #of #gravity

Theoretical considerations on the response of lung tissue to the acceleration of gravity

Reproductive and Developmental Biology Fertility is likely to be decreased. Gravity-dependent deformation of lung tissue in turn is an important determinant of gas transfer between the gas and the blood in the lungs. Miserocchi, Dipartimento di Medicina Sperimentale, Ambientale e Biotecnologie Mediche, Università di Milano-Bicocca, via Cadore, 48 I-20052 Monza MI E-mail: giuseppe.

Effect of gravity and posture on lung mechanics

Cardiac output and blood pressure increase. Because our bodies have adapted in a 1G environment, we have built in mechanisms to compensate for this discrepancy.

Effect of gravity and posture on lung mechanics, Journal of Applied Physiology

Increasing levels of positive g multiply these effects.

Effect of gravity and posture on lung mechanics

Liquid ventilation is the only way to get around this problem.

Effect of gravity and posture on lung mechanics, Journal of Applied Physiology

This page last updated on 08 January 2021 by Jeff Zeitlin.

Effect of gravity and posture on lung mechanics

Mismatch of ventilation and perfusion is increased due to hydrostatic effects. Acceleration in the G x axis is more commonly experienced by astronauts during shuttle launch.

Related Books

- Echte und der unechte Iuvenal - eine kritische Untersuchung
- Laji'ūn al-Filasṭīnīyūn bayna al-'awdah wa-al-tawṭīn
- Dorcas Porkus.
- Rural problems and rural development in Nepal - a search for new strategy
- Poe - a collection of critical essays.