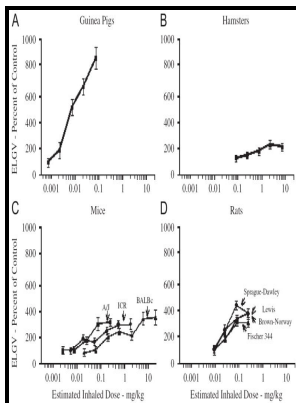


Vagal reflex involvement and central nervous regulation in histamine and anaphylatoxin induced responses in guinea pigs.

The author - Respiratory Reflexes



Description: -

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9284.

Report of investigations (United States. Bureau of Mines) ;
9284

Report of investigations ;
Dissertations Vagal reflex involvement and central nervous regulation in histamine and anaphylatoxin induced responses in guinea pigs.

Notes: M.Sc. dissertation.

This edition was published in 1976



Filesize: 58.19 MB

Tags: #Causes #and #Triggers #of #the #Vagal #Response

Cough hypersensitivity as a neuro

Pulmonary elastance EL and resistance RL , airway R_{aw} , and tissue V_i resistance were calculated during mechanical ventilation. Polley L, Yaman N, Heaney L, Cardwell C, Murtagh E, Ramsey J, et al. However in real life such primary reflexes rarely occur.

Respiratory Reflexes

After recording a single AP and repetitive discharge for neuron classification, the recording protocol was switched to either a current-clamp or voltage-clamp gap-free protocol to record histamine-induced membrane depolarization and inward currents.

[Contribution of the vagal nerve on histamine

Sterile inflammation: sensing and reacting to damage.

Lack of vagal influence on pulmonary visco

The accommodation reflex consists of relaxation of the proximal stomach, providing the meal with a reservoir and enabling a volume increase without a rise in pressure. An equal number of control animals received vehicle injections ethyl alcohol in equal volumes at the same intervals. We have described a technique for partitioning the pulmonary response to different agents into airway and parenchymal components ,.

Vagovagal Reflex

Guinea-pigs were placed inside a whole body plethysmograph for measurement of tidal volume V_T , respiratory rate f and minute volume V and a head chamber was used to deliver a hypercapnic gas mixture 10% CO₂ , 21% O₂ , 69% N₂ and for inhalation of aerosolized drugs.

Low Voltage Vagal Nerve Stimulation Reduces Bronchoconstriction in Guinea Pigs Through Catecholamine Release

All drugs were dissolved in distilled water with the following exceptions: trimethaphan, lidocaine and heparin were dissolved in 0.

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