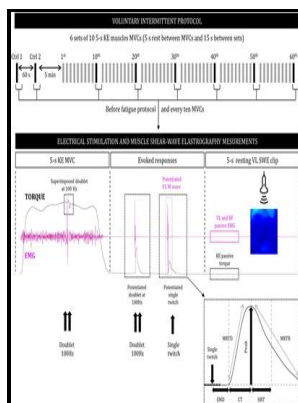


# Electrical responses of muscle.

## - - Electrical responses of smooth muscle cells during cholinergic vasodilation in the rabbit saphenous artery



Description: -

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Notes: Thesis (M.A.) -- University of Toronto, 1938.

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Tags: #Different #electrical #responses #of #outer #and #inner #muscle #of #rabbit #carotid #artery #to #noradrenaline #and #nerves.

## Electrical responses of smooth muscle cells during cholinergic vasodilation in the rabbit saphenous artery

Local modulation of adrenergic neuroeffector interaction in the blood vessel wall.

## Electrical responses of smooth muscle to external stimulation in hypertonic solution

ATP-induced hyperpolarization of smooth muscle cells of the guinea-pig coronary artery.

## Different electrical responses of outer and inner muscle of rabbit carotid artery to noradrenaline and nerves.

Calcium and the action of adrenaline, adenosine triphosphate and carbachol on guinea-pig taenia caeci. It was concluded further investigation was needed to see whether the finding could be applied to humans. Inhibition of acetylcholine release from preganglionic frog nerves by ATP but not adenosine.

## 28 (Powerful) Benefits of Electrical Muscle Stimulation

The electrical response to stimulation was essentially similar to that in physiological solution. Six of the seven studies reviewed showed improvements in a number of different factors including range of movement, circumference and duration of morning stiffness.

## Electrical responses of smooth muscle to external stimulation in hypertonic solution

Procedures may vary depending on your condition and your doctor's practices. ADP depolarized the membrane, the effect being weaker than that of ATP. The action potential size and shape of the wave that this creates on the oscilloscope provides information about the ability of the muscle to respond when the nerves are stimulated.

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