

Central muscle relaxants

Use the words in the list below to complete the sentences:

prevents withdrawal vertebrogenic specific amnesic Mephenoxalone gamma-aminobutyric
Orphenadrine Diazepam polysynaptic Gualfenesin presynaptic stroke, skeletal acute
multiple tizanidine postsynaptic sclerosis Cannabis inhibitors Oromucosal Baclofen

- _____ is an analog of the inhibitory neurotransmitter _____ acid (GABA) used for the treatment of spasticity resulting from multiple _____ or spinal cord injury.
- Tizanidine is a central muscle relaxant, which inhibits _____ motor neuron pathways through stimulation of the _____ α_2 -adrenergic receptors influencing the release of excitatory neurotransmitters at the spinal cord level. The serum concentration of _____ can be increased when it is combined with strong CYP1A2 _____ ciprofloxacin and fluvoxamine.
- _____ is an expectorant that also has a muscle relaxing action via binding to _____ inhibitory GABA neurotransmitter receptor sites in the brain and spinal cord.
- Tolperisone is an oral, centrally acting muscle relaxant, which suppresses the mono and polysynaptic reflex transmissions by both the presynaptic and _____ mechanisms. It is used in patients who have symptomatic spasticity after _____.
- _____ is a muscle relaxant with a mild anxiolytic activity, which inhibits the neuronal transmission at the supraspinal level and relaxes _____ muscles by inhibiting the polysynaptic reflex arc. It is used for spasticity of different origin, e.g., in patients with _____ algic syndrome.
- _____ facilitates the opening of GABA-activated chloride channels in response to GABA . It is the central muscle relaxant with anticonvulsant, anxiolytic, sedative, and _____ properties, which is also used in the management of alcohol _____ syndrome.
- Thiocolchicoside acts at the GABA A and glycine receptor sites and it _____ muscle contractions by activating the GABA inhibitory motor pathway.
- _____ is an anticholinergic and H1 antihistamine drug related to diphenhydramine, which is used intravenously to treat _____ muscle pain with an increased muscle tone, e.g., in combination with the NSAIDs .
- _____ spray Sativex containing delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD) from _____ sativa L is indicated as treatment for spasticity due to _____ sclerosis (MS) in addition to the patient's current anti-spasticity medication.

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