

Content Focus: Therapeutic Use

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Your ScoreCard: Correct: 6/30 Incorrect: 24/30

What are the therapeutic uses for baclofen?

Relieves skeletal muscle spasm in:

- Spinal cord injury
- Multiple sclerosis
- Cerebral palsy

What are the therapeutic uses for dantrolen?

Relaxes skeletal muscle spasm in

- Cerebrovascular accident, stroke
- Spinal cord injury
- Multiple sclerosis
- Cerebral palsy

Used to prevent and treat malignant hyperthermia

What are the therapeutic uses for phenytoin?

- Tonic-clonic seizures
- Partial seizures

What are the therapeutic uses for carbamazepine?

- Partial seizures
- Tonic-clonic seizures
- Mood stabilizer in bipolar disorder
- Reduces pain of trigeminal neuralgia

What are the therapeutic uses for valproic acid?

- Treats all seizure types
- Controls mania in bipolar disorder
- Prevents migraine headache

What are the therapeutic uses for methohexital sodium?

- Rapid induction of anesthesia and hypnosis for brief procedures
- Adjunct anesthesia with other agents for procedures longer than 15 min

What are the therapeutic uses for midazolam?

- Sedation before general anesthesia
- Conscious sedation with induction of amnesia during procedures, such as endoscopy
- Supplement to inhalation anesthesia for surgeries

What are the therapeutic uses for fentanyl?

- Supplement to general anesthesia
- Used with droperidol and nitrous oxide for neuroleptanalgesia
- Used with skeletal muscle relaxant as anesthesia for high-risk clients in selected situations

What are the therapeutic uses for amphetamine/dextroamphetamine sulfate?

Attention-deficit/hyperactivity disorder (ADHD) in both adults and children
Narcolepsy

What are the therapeutic uses for methylphenidate?

Attention-deficit/hyperactivity disorder
Narcolepsy

What are the therapeutic uses for modafinil?

Promotes wakefulness in
Narcolepsy
Shift-work sleepiness
Obstructive sleep apnea

What are the therapeutic uses for levodopa/carbidopa?

Relieves symptoms of Parkinson's disease

What are the therapeutic uses for pramipexole?

Relieves symptoms of Parkinson's disease (PD)
Restless leg syndrome

What are the therapeutic uses for selegiline?

Symptoms of Parkinson's disease (PD) as an adjunct to levodopa/carbidopa
Major depression – transdermal patch (Emsam)

What are the therapeutic uses for donepezil?

Improved cognitive function in clients with mild to moderate Alzheimer's disease

What are the therapeutic uses for memantine?

Slows decrease in functioning for
Moderate/severe Alzheimer's disease
Mild/moderate vascular dementia

What are the therapeutic uses for interferon beta-1a and beta-1b?

Beta-1a: multiple sclerosis (relapsing-remitting type)
Beta-1b: multiple sclerosis (relapsing and relapsing-remitting types)

What are the therapeutic uses for sumatriptan?

Relieve symptoms of existing migraine or cluster headache

What are the therapeutic uses for diazepam and alprazolam?

Anxiety and anxiety disorders (alprazolam, diazepam)
Skeletal muscle spasm and spasticity (diazepam)
Seizure disorders – treats status epilepticus (diazepam)
Acute alcohol withdrawal symptoms (diazepam)
Induction of anesthesia (diazepam)

What are the therapeutic uses for buspirone?

Short-term treatment of certain anxiety disorders, such as generalized anxiety disorder (GAD)

What are the therapeutic uses for amitriptyline?

Treatment of major depression

What are the therapeutic uses for bupropion hydrochloride?

Treats depression
Prevents seasonal affective disorder (SAD)
Smoking cessation adjunct

What are the therapeutic uses for chlorpromazine?

Suppresses symptoms of schizophrenia
Acute manic phase of bipolar disorder
Relieves nausea/vomiting
Intractable hiccups

What are therapeutic uses for cholinergic agonists, cholinesterase inhibitors, and beta-adrenergic blockers ophthalmic drops?

Beta blockers: Topical therapy that helps lower IOP in chronic open-angle glaucoma and acute closed-angle glaucoma
Cholinergic agonists and cholinesterase inhibitors: Topical therapy that helps lower IOP in glaucoma; adjunct to laser and other eye surgeries and procedures