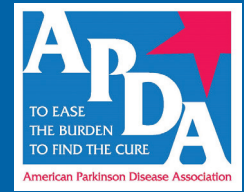


Medications Approved for the Treatment of Parkinson's Disease in the USA



AMERICAN PARKINSON DISEASE ASSOCIATION

GENERIC NAME	TRADE NAME	MODE OF ACTION	COMMON SIDE EFFECTS*
Carbidopa/Levodopa	Sinemet	DOPA Decarboxylase inhibitor/DA precursor	Nausea, vomiting, dizziness, low blood pressure, anxiety, dyskinesia, confusion, hallucinations.
Carbidopa/Levodopa (controlled release)	Sinemet CR	DOPA decarboxylase inhibitor/DA precursor	Nausea, vomiting, dizziness, low blood pressure, anxiety, dyskinesia, confusion, hallucinations.
Carbidopa/Levodopa (orally disintegrating)	Parcopa	DOPA decarboxylase inhibitor/DA precursor	Nausea, vomiting, dizziness, low blood pressure, anxiety, dyskinesia, confusion, hallucinations.
Carbidopa/Levodopa (extended release capsules)	Rytary	DOPA decarboxylase inhibitor/DA precursor	Nausea, dizziness, headache, sleeplessness, dyskinesia, confusion, hallucinations, constipation, vomiting, low blood pressure.
Carbidopa/Levodopa (enteral suspension)	Duopa	DOPA decarboxylase inhibitor/DA precursor	Swelling of legs and feet, nausea, dizziness, dyskinesia, confusion, hallucinations, high blood pressure, mouth or throat pain.
Carbidopa/Levodopa Entacapone	Stalevo	DOPA decarboxylase inhibitor/DA precursor/COMT Inhibitor	Darkened saliva and/or body fluids, diarrhea, fatigue, dizziness, abdominal pain, dyskinesia, pain, constipation, hallucinations.
Pramipexole	Mirapex	DA agonist	Nausea, dizziness, low blood pressure, swelling of ankles, dyskinesia, hallucinations, confusion, somnolence, sleep attacks.
Pramipexole (extended release)	Mirapex ER	DA agonist	Nausea, dizziness, low blood pressure, swelling of ankles, dyskinesia, hallucinations, confusion, somnolence, sleep attacks.
Ropinirole	Requip	DA agonist	Nausea, dizziness, low blood pressure, swelling of ankles, dyskinesia, hallucinations, confusion, somnolence, sleep attacks.
Ropinirole- (extended release tablets)	Requip XL	DA agonist	Nausea, dizziness, low blood pressure, swelling of ankles, dyskinesia, hallucinations, confusion, somnolence, sleep attacks.
Apomorphine (injection)	Apokyn	DA agonist	Nausea, vomiting, dizziness, low blood pressure, sedation, yawning, hallucinations, dyskinesia, runny nose, swelling of extremities, injection site reactions.
Rotigotine (transdermal patch)	Neupro	DA agonist	Skin reactions at the patch site, dizziness, nausea, vomiting, drowsiness, insomnia, sleep attacks, hallucinations, low blood pressure.

GENERIC NAME	TRADE NAME	MODE OF ACTION	COMMON SIDE EFFECTS*
Selegiline	Eldepryl	MAO-B inhibitor; inhibits dopamine metabolism	Insomnia, gastrointestinal upset, dyskinesia, hallucinations, confusion.
Selegiline (Orally disintegrating tablet)	Zelapar, Carbox	MAO-B inhibitor; inhibits dopamine metabolism	Dizziness, nausea, pain, headache, insomnia, runny nose, dyskinesia.
Rasagiline	Azilect	MAO-B inhibitor; inhibits dopamine metabolism	Gastrointestinal upset, headache, dyskinesia.
Tolcapone	Tasmar	COMT inhibitor; decreases levodopa metabolism	Dyskinesia, nausea, dizziness, diarrhea, hallucination, urine discoloration, elevated liver function enzymes.
Entacapone	Comtan	COMT inhibitor; decrease levodopa metabolism	Same as Tasmar except it does not commonly elevate liver function enzymes.
Amantadine	Symmetrel	DA re-uptake inhibitor; stimulates DA receptors; anticholinergic; NMDA antagonist	Hallucinations, leg swelling, dizziness, mottled leg skin (livedo reticularis), insomnia, confusion, dry mouth and eyes, constipation.
Trihexyphenidyl	Artane	Anticholinergic	Dry mouth & eyes, constipation, urinary retention, memory impairment, confusion, depression, hallucinations.
Benzotropine	Cogentin	Anticholinergic	Same as Artane.

COMT = Catechol-o-methyltransferase
DA = Dopamine
DOPA = Dopamine

MAO = Monoamino Oxidase
NMDA = N-methyl-D-aspartate

**The most common side effects are listed. Additional side effects, should be discussed with your health care provider.*

This material is intended to provide the reader with information. It should not be used for treatment purposes, but rather as a source for discussion with the patient's own physician.

AMERICAN PARKINSON DISEASE ASSOCIATION

Parkinson Plaza • 135 Parkinson Avenue • Staten Island, NY 10305
 Tel: 800-223-2732
 Fax: 718-981-4399
www.apdaparkinson.org

© Copyright June 2007
 Updated 2015

Marie Helene Saint-Hilaire, MD, FRCP (C)

Associate Professor of Neurology
 Medical Director
 Parkinson Disease and Movement Disorders Center
 American Parkinson Disease Association
 Center for Advanced Research at BUMC

Cathi A. Thomas, RN, MS, CNRN

Assistant Clinical Professor of Neurology
 Program Director, Parkinson's Disease and Movement Disorders Center, Boston University Medical Campus
 Coordinator, American Parkinson Disease Association Information & Referral Center at BUMC