

Prior Authorization DRUG Guidelines

Cuvposa (glycopyrrolate, oral)

Effective Date: 10/22/13

Date Developed: 9/3/13 by Albert Reeves MD

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Cuvposa is a muscarinic anticholinergic agent that does not cross the blood-brain barrier.

Pre-Authorization: to reduce chronic severe drooling in patients with neurologic conditions associated with problem drooling (e.g. cerebral palsy)

Off-Label: Reduction of secretions at end of life (death rattle); Primary focal hyperhidrosis

Dosing:

1 to 2 mg once or twice daily may be a typical effective dosage range ([Ref](#)); titrate per response and tolerability; doses up to 6 to 8 mg per day in 2 or 3 divided doses have been used in some patients

NOTE: High fat food reduces the oral bioavailability

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Adverse Reactions:

Constipation. Vomiting. Xerostomia. Heat stroke in susceptible individuals. Drowsiness. Blurred vision. Urinary retention. ~~Dry mucus membranes:~~

DRUG INTERACTIONS: anticholinergic drugs (e.g. ipratropium), drugs with anticholinergic side effects (e.g. antihistamines), cholinergic drugs (e.g. pyridostigmine [Mestinon])

REFERENCES

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Kerwin E, Hébert J, Gallagher N, et al, "Efficacy and Safety of NVA237 versus Placebo and Tiotropium in Patients With COPD: The GLOW2 Study," *Eur Respir J*, 2012, 40(5):1106-14.

Sechaud R, Renard D, Zhang-Auberson L, et al, "Pharmacokinetics of Multiple Inhaled NVA237 Doses in Patients With Chronic Obstructive Pulmonary Disease (COPD)," *Int J Clin Pharmacol Ther*, 2012, 50(2):118-28.

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Kintzel PE, Chase SL, Thomas W, Vancamp DM, Clements EA. Anticholinergic medications for managing noisy respirations in adult hospice patients. *Am J Health Syst Pharm*. 2009;66(5):458-464.

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2/18/25	Yes	Howard Taekman, MD; Robert Sterling, MD	Updated Off-Label and dosing sections. Removed Precaution section. Added Adverse reaction section