

Q2 Answer

“Can patients on biologics for Severe asthma take Flumist?”

SmPC:

- Flumist has not been studied in persons with severe asthma or active wheezing.

GINA Guidelines:

- Dupilumab and other immunomodulators are recommended in Stage 5 Asthma [uncontrolled severe asthma]
- A systemic review of studies in persons 2-49 years of age with mild – moderate asthma found no significant concerns or increased risk for asthma related outcomes after influenza vaccination with Live attenuated virus.

Biologic Treatments Available for					Asthma	
	OMALIZUMAB (XOLAIR)	MEPOLIZUMAB (NUCALA)	BENRALIZUMAB (FASENRA)	RESLIZUMAB (CINQAIR)	DUPILUMAB (DUPIXENT)	TEZEPELUMAB- EKKO (TEZSPIRE)
Asthma Indication	Moderate-to-severe asthma and positive allergy test to perennial aeroallergen (allergic asthma)	Severe eosinophilic asthma	Severe eosinophilic asthma	Severe eosinophilic asthma	Moderate-to-severe eosinophilic asthma and OCS-dependent asthma	Severe asthma
Approved Ages	6+	6+	6+	18+	6+	12+
Mode of Administration	Subcutaneous injection (shot)	Subcutaneous injection (shot)	Subcutaneous injection (shot)	Intravenous infusion (iv)	Subcutaneous injection (shot)	Subcutaneous injection (shot)
Setting of Administration	Clinic or home	Clinic or home	Clinic or home	Clinic	Clinic or home	Clinic or home
Dosing Interval	Every 2-4 weeks	Every 4 weeks	Every 4 weeks for the first 3 doses, then every 8 weeks	Every 4 weeks	Every 1-4 weeks	Every 4 weeks
Molecule/Target	IgE /Anti-IgE monoclonal antibody	IL-5/Anti-IL-5 monoclonal antibody	IL-5 receptor/ Anti-IL-5 receptor monoclonal antibody	IL-5/Anti-IL-5 monoclonal antibody	IL-4 and IL-13/ Anti-IL-4R alpha monoclonal antibody	TSLP/Anti-TSLP monoclonal antibody
Abbreviations used: immunoglobulin-E (IgE), interleukin (IL), oral corticosteroids (OCS), thymic stromal lymphopoietin (TSLP) Updated: June 2025 • aafa.org						

