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on Drugs and Therapeutics

COMPARISON CHART: Interleukin (IL) Antagonists for Moderate To Severe Atopic Dermatitis

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INTERLEUKIN (IL) ANTAGONISTS FOR MODERATE TO SEVERE ATOPIC DERMATITIS

Drug/Formulations	Class	Approved Age	Efficacy at 16 Weeks ¹	Usual Adult Dosage	Cost ²
Dupilumab – Dupixent (Sanofi/Regeneron) 200 mg/1.14 mL, 300 mg/2 mL prefilled pens, syringes	IL-4 and IL-13 inhibitor	≥6 months old	With topical steroid (adults): IGA response rate: 39% EASI-75: 69% (package insert)	600 mg SC at wk 0, then 300 mg SC q2 wks	\$3993.00
Lebrikizumab – Ebglyss (Lilly) 250 mg/2 mL prefilled pens, syringes	IL-13 antagonist	≥12 years old (weight ≥40 kg)	With topical steroid: IGA response rate: 41% EASI-75: 70% (JAMA Dermatol 2023;159:182)	Initial: 500 mg SC at wks 0 and 2, then 250 mg SC q2 wks Maintenance: 250 mg SC q4 wks if adequate response at wk 16	7000.00
Tralokinumab – Adbry (Leo) 150 mg/1 mL prefilled syringes; 300 mg/2 mL auto-injectors	IL-13 antagonist	≥12 years old	With topical steroid: IGA response rate: 39% EASI-75: 56% (Br J Dermatol 2021; 184:450)	Initial: 600 mg SC at wk 0, then 300 mg SC q2 wks Maintenance: 300 mg SC q4 wks if >100 kg and clear/almost clear skin at wk 16	4070.00
Nemolizumab – Nemluvio (Galderma) 30 mg/mL prefilled pens	IL-31 antagonist	≥12 years old	With topical steroid +/- calcineurin inhibitor: IGA response rate: 36-38% EASI-75: 42-44% (Lancet 2024; 404:445)	Initial: 60 mg SC at wk 0, then 30 mg SC q4 wks Maintenance: 30 mg SC q8 wks if clear/almost clear skin at wk 16	4240.00

1. IGA response rate is defined as an improvement in the score on the clinician-rated Investigator's Global Assessment (IGA) scale from 3 to 4 (signifying moderate or severe disease) at baseline to 0 or 1 (signifying clear or almost clear skin). EASI-75 is defined as a ≥75% improvement in the Eczema Area and Severity Index (EASI) score.

2. Approximate WAC for 4 weeks' treatment at the usual adult maintenance dosage. WAC = wholesaler acquisition cost or manufacturer's published price to wholesalers; WAC represents a published catalogue or list price and may not represent an actual transactional price. Source: AnalySource® Monthly. January 5, 2025. Reprinted with permission by First Databank, Inc. All rights reserved. ©2025. www.fdbhealth.com/policies/drug-pricing-policy.