

Clinical Policy: House Dust Mite Allergen Extract (Odactra)

Reference Number: CP.PMN.111

Effective Date: 09.01.17

Last Review Date: 08.22

Line of Business: Commercial, HIM, Medicaid

[Revision Log](#)

See [Important Reminder](#) at the end of this policy for important regulatory and legal information.

Description

House dust mite (*Dermatophagoides farinae* and *Dermatophagoides pteronyssinus*) allergen extract (Odactra[™]) is an allergen extract.

FDA Approved Indication(s)

Odactra is indicated as immunotherapy for house dust mite (HDM)-induced allergic rhinitis, with or without conjunctivitis, confirmed by *in vitro* testing for IgE antibodies to *Dermatophagoides farinae* or *Dermatophagoides pteronyssinus* house dust mites, or skin testing to licensed house dust mite allergen extracts. Odactra is approved for use in adults 18 through 65 years of age.

Odactra is not indicated for the immediate relief of allergy symptoms.

Policy/Criteria

Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

It is the policy of health plans affiliated with Centene Corporation[®] that Odactra is **medically necessary** when the following criteria are met:

I. Initial Approval Criteria

A. Allergic Rhinitis (must meet all):

1. Diagnosis of HDM-induced allergic rhinitis;
2. Prescribed by or in consultation with an allergist or immunologist;
3. Age \geq 18 years and \leq 65 years;
4. Confirmation of the presence of IgE antibodies to *Dermatophagoides farinae* or *Dermatophagoides pteronyssinus* HDM or skin testing to licensed HDM allergen extracts;
5. Failure of one intranasal corticosteroid, unless clinically significant adverse effects are experienced or all are contraindicated;
6. Failure of one oral antihistamine at up to maximally indicated doses, unless clinically significant adverse effects are experienced or all are contraindicated;
7. Dose does not exceed one tablet per day.

Approval duration:

Medicaid/HIM – 12 months

Commercial – 12 months or duration of request, whichever is less

B. Other diagnoses/indications

1. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid.

II. Continued Therapy

A. Allergic Rhinitis (must meet all):

1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
2. Member is responding positively to therapy;
3. If request is for a dose increase, new dose does not exceed one tablet per day.

Approval duration:

Medicaid/HIM – 12 months

Commercial – 12 months or duration of request, whichever is less

B. Other diagnoses/indications (must meet 1 or 2):

1. Currently receiving medication via Centene benefit and documentation supports positive response to therapy.

Approval duration: Duration of request or 12 months (whichever is less); or

2. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid.

III. Diagnoses/Indications for which coverage is NOT authorized:

- A.** Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policies – CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid, or evidence of coverage documents.

IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

FDA: Food and Drug Administration

HDM: house dust mite

Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business and may require prior authorization.

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
OTC loratadine (Claritin [®])	2 to 5 years: 5 mg PO QD ≥ 6 years: 10 mg PO QD	10 mg/day

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
OTC loratadine-D (Claritin-D [®] 12 and 24 hour)	≥ 12 years: 1 tablet PO BID (12 hr) QD (24 hr)	10 mg/day
OTC cetirizine (Zyrtec [®])	2 to 5 years: 2.5-5 mg PO QD ≥ 6 years: 10 mg PO QD	10 mg/day
OTC fexofenadine (Allegra Allergy [®])	6-months to 2 years: 15 mg PO QD 2 to 11 years: 30 mg PO QD ≥ 12 years: 60 mg PO BID or 180 mg PO QD	180 mg/day
fluticasone propionate (Flonase [®])	≥ 4 years: 1-2 sprays each nostril QD ≥ 12 years: 1-2 sprays each nostril QD	2 sprays each nostril/day
triamcinolone acetonide (Nasacort AQ [®])	2-11 years: 1 spray each nostril QD ≥ 12 years: 1-2 sprays each nostril QD	2-11 years: 1 spray each nostril/day > 12 years: 2 sprays each nostril/day
mometasone furoate monohydrate (Nasonex [®])	2-11 years: 1 spray each nostril QD ≥ 12 years: 2 sprays each nostril QD	2-11 years: 1 spray each nostril/day > 12 years: 2 sprays each nostril/day

Therapeutic alternatives are listed as Brand name[®] (generic) when the drug is available by brand name only and generic (Brand name[®]) when the drug is available by both brand and generic.

Appendix C: Contraindications/Boxed Warnings

- Contraindication(s): severe, unstable or uncontrolled asthma; history of eosinophilic esophagitis; history of any severe systemic allergic reaction or any severe local reaction to sublingual allergen immunotherapy; hypersensitivity to any of the inactive ingredients contained in this product.
- Boxed warning(s): severe allergic reactions

V. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
HDM-induced allergic rhinitis	One tablet SL QD	1 tablet/day

VI. Product Availability

Tablet: 12 SQ-HDM

VII. References

1. Odactra Prescribing Information. Round Rock, TX: Alk, Inc.; August 2019. Available at: <http://www.odactra.com>. Accessed March 24, 2022.
2. Nolte H, Bernstein DI, Nelson HS, et al. Efficacy of house dust mite sublingual immunotherapy tablet in North American adolescents and adults in a randomized, placebo-controlled trial. *The Journal of Allergy and Clinical Immunology* 2016; 138(6):1631-1638.

3. Demoly P, Emminger W, Rehm D, et al. Effective treatment of house dust mite-induced allergic rhinitis with 2 doses of the SQ HDM SLIT-tablet: Results from a randomized, double-blind, placebo-controlled phase III trial. *The Journal of Allergy and Clinical Immunology* 2016; 137(2) 444-451.
4. Nolte H, Maloney J, Nelson HS, et al. Onset and dose-related efficacy of house dust mite sublingual immunotherapy tablets in an environmental exposure chamber. *The Journal of Allergy and Clinical Immunology* 2015; 135(6):1494-1501.
5. Seidman MD, Gurgel RK, Lin SY, et al. Clinical practice guideline: allergic rhinitis. *Otolaryngology – Head and Neck Surgery* 2015; 152(1S):S1-S43.
6. Wallace DV, Dykewicz MS, Oppenheimer J et al. Pharmacologic treatment of seasonal allergic rhinitis: synopsis of guidance from the 2017 Joint Task Force on Practice Parameters. *Ann Intern Med.* 2017 Dec 19;167(12):876-881. doi: 10.7326/M17-2203.
7. Brozek, JL, Bousquet J, Agache I et al. Allergic rhinitis and its impact on asthma (ARIA) guidelines-2016 revision. *J Allergy Clin Immunol.* 2017 Oct;140(4):950-958. doi: 10.1016/j.jaci.2017.03.050.
8. Greenhawt M, Oppenheimer J, Nelson M, et al. Sublingual immunotherapy: A focused allergen immunotherapy practice parameter update. *Ann Allergy Asthma Immunol.* 2017; 118: 276-282.
9. Dykewicz MS, Wallace DV, Amrol DJ, et al. Rhinitis 2020: A practice parameter update. *J Allergy Clin Immunol.* 2020; 136(4): 721-767.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
3Q 2018 annual review: combined Medicaid and commercial (CP.CPA.315) policies; no significant changes from previously approved corporate policy; age added; Commercial: removed option of intranasal antihistamine or leukotriene modifier as a criteria trial; references reviewed and updated.	04.02.18	08.18
3Q 2019 annual review: no significant changes; corrected age restriction from < 65 years to ≤ 65 years per PI; references reviewed and updated.	04.22.19	08.19
3Q 2020 annual review: no significant changes; added HIM line of business; references reviewed and updated.	04.06.20	08.20
3Q 2021 annual review: no significant changes; references to HIM.PHAR.21 revised to HIM.PA.154; references reviewed and updated.	03.22.21	08.21
Revised approval duration for Commercial line of business from length of benefit to 12 months or duration of request, whichever is less	09.28.21	02.22
3Q 2022 annual review: no significant changes; references reviewed and updated.	03.24.22	08.22

Important Reminder

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted

standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

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This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

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Note:

For Medicaid members, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

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