

## **Appendix 2 (as supplied by the authors): Included and excluded studies**

### **A. Included studies**

1. Abramson MJ, Puy RM, Weiner JM. Injection allergen immunotherapy for asthma. *Cochrane Database of Systematic Reviews*. 2010.
2. Bona DD, Plaia A, Leto-Barone MS, Piana SL, Lorenzo GD. Efficacy of grass pollen allergen sublingual immunotherapy tablets for seasonal allergic rhinoconjunctivitis: a systematic review and meta-analysis. *JAMA Intern Med*. 2015;175:1301.
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4. CADTH. Timothy grass standardized allergenic extract (Grastek - Merck Canada Inc.) indication: allergic rhinitis (grass pollen). 2014.
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7. Calderon MA, Casale TB, Nelson HS, Demoly P. An evidence-based analysis of house dust mite allergen immunotherapy: a call for more rigorous clinical studies. *J Allergy Clin Immunol*. 2013;132:1322.
8. Calderon MA, Penagos M, Sheikh A, Canonica GW, Durham S. Sublingual immunotherapy for treating allergic conjunctivitis. *Cochrane Database of Systematic Reviews*. 2011.
9. Chelladurai Y, Suarez-Cuervo C, Erekosima N, et al. Effectiveness of subcutaneous versus sublingual immunotherapy for the treatment of allergic rhinoconjunctivitis and asthma: a systematic review. *J Allergy Clin Immunol Pract*. 2013;1:361.
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14. Dhami S, Nurmatov U, Roberts G, et al. Allergen immunotherapy for allergic rhinoconjunctivitis: protocol for a systematic review. *Clin Transl Allergy*. 2016;6:12.
15. Dranitsaris G, Ellis AK. Sublingual or subcutaneous immunotherapy for seasonal allergic rhinitis: an indirect analysis of efficacy, safety and cost. *J Eval Clin Pract*. 2014;20:225.
16. Dretzke J, Meadows A, Novielli N, Huissoon A, Fry-Smith A, Meads C. Subcutaneous and sublingual immunotherapy for seasonal allergic rhinitis: a systematic review and indirect comparison. *J Allergy Clin Immunol*. 2013;131:1361.
17. Editorial Board of Chinese Journal of Otorhinolaryngology H, Neck Surgery Subspecialty Group of R, Society of Otorhinolaryngology H, Neck Surgery Subspecialty Group of R. Expert consensus on allergen specific immunotherapy of allergic rhinitis. *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi*. 2011;46:976.
18. Erekosima N, Suarez-Cuervo C, Ramanathan M, et al. Effectiveness of subcutaneous immunotherapy for allergic rhinoconjunctivitis and asthma: a systematic review. *Laryngoscope*. 2014;124:616.
19. Feng S, Xu Y, Ma R, Sun Y, Luo X, Li H. Cluster subcutaneous allergen specific immunotherapy for the treatment of allergic rhinitis: a systematic review and meta-analysis. *PLoS ONE [Electronic Resource]*. 2014;9:e86529.
20. Kim JM, Lin SY, Suarez-Cuervo C, et al. Allergen-specific immunotherapy for pediatric asthma and rhinoconjunctivitis: a systematic review. *Pediatrics*. 2013;131:1155.

21. Klimek L, Willers J, Schendzielorz P, Kundig TM, Senti G. Immunotherapy of allergic rhinitis without allergens? : new options for immunomodulation by vaccination with virus-like particles and CpG motifs. *HNO*. 2013;61:826.
22. Klimek LW. Authorized diagnostic test allergens for intracutaneous testing are no longer available in Germany. Allergological textbooks need to be rewritten. *Allergologie*. 2015;38:141.
23. Kopp MV, Arbeitsgemeinschaft der Wissenschaftlichen Medizinischen F. The revised guideline on Primary Allergy Prevention. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz*. 2012;55:338.
24. Kopp MVB. Specific immunotherapy in childhood: Subcutaneous or sublingual administration. *Monatsschr Kinderheilkd*. 2013;161:616.
25. Larenas-Linnemann D, Blaiss M, Bever HPV, Compalati E, Baena-Cagnani CE. Pediatric sublingual immunotherapy efficacy: evidence analysis, 2009-2012. *Ann Allergy Asthma Immunol*. 2013;110:402.
26. Larenas-Linnemann D, Mayorga-Butron JL, Sanchez-Gonzalez A, et al. ARIA Mexico 2014. Adaptation of the Clinical Practice Guide ARIA 2010 for Mexico. Methodology ADAPTE. *Rev Alerg Mex*. 2014;61 Suppl 1:S3.
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29. Lin SY, Erekosima N, Kim JM, et al. Sublingual immunotherapy for the treatment of allergic rhinoconjunctivitis and asthma: a systematic review. *JAMA : the journal of the American Medical Association*. 2013;309:1278.
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31. Lu Y, Xu L, Xia M, Li Y, Cao L. The efficacy and safety of subcutaneous immunotherapy in mite-sensitized subjects with asthma: a meta-analysis. *Respiratory Care*. 2015;60:269.
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39. Seidman MD, Gurgel RK, Lin SY, et al. Clinical practice guideline: Allergic rhinitis. *Otolaryngol Head Neck Surg*. 2015;152:S1.
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41. Wilson D, Torres-Lima M, Durham S. Sublingual immunotherapy for allergic rhinitis. 2011.
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## **Foreign articles not translated**

1. Editorial Board of Chinese Journal of Otorhinolaryngology Head and Neck Surgery Subspecialty Group of Rhinology,Society of Otorhinolaryngology Head and Neck Surgery Subspecialty Group of Rhinology. Expert consensus on allergen specific immunotherapy of allergic rhinitis. *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi.* 2011;46:976.
2. Jung A. Maslany. Allergen-specific immunotherapy in children. *Pediatria i Medycyna Rodzinna.* 2011;7:212.
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5. Kopp MVB. Specific immunotherapy in childhood: Subcutaneous or sublingual administration. *Monatsschrift fur Kinderheilkunde.* 2013;161:616.
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10. Wu Y, Xie XM, Han D, et al. A Meta-analysis of efficacy and safety of sublingual immunotherapy on allergic asthma. *Chung Hua Nei Ko Tsa Chih.* 2013;52:844.
11. Yasin Q.Zhang. Efficacy and safety of dust mite sublingual immunotherapy for pediatric allergic rhinitis: A meta-analysis. *Chinese Journal of Evidence-Based Medicine.* 2014;14:1373.

## **B. Excluded studies**

1. Longer follow-up, but still no proven advantage. *Prescribe International.* 2010;19:273.
2. Timothy pollen. Longer follow-up, but still no proven advantage. *Prescribe International.* 2010;19:273.
3. Sublingual immunotherapy for the treatment of allergic rhinoconjunctivitis and asthma: A systematic review (JAMA - Journal of the American Medical Association (2013) 309, 12 (1278-1288)  
DOI:10.1001/jama.2013.2049) [erratum]. *JAMA : the journal of the American Medical Association.* 2013;310:647.
4. Aasbjerg K, Dalhoff KP, Backer V. Adverse Events During Immunotherapy Against Grass Pollen-Induced Allergic Rhinitis - Differences Between Subcutaneous and Sublingual Treatment. *Basic Clin Pharmacol Toxicol.* 2015;117:73.
5. Aboshady OA, Elghanam KM. Sublingual immunotherapy in allergic rhinitis: efficacy, safety, adherence and guidelines. *2014;7:241.*
6. Almarales RLC. Therapeutic effect and safety of the sublingual immunotherapy with tropical house dust mite allergen vaccines in asthmatic cuban adult patients. *World Allergy Organization Journal.* 2012;Conference:February.
7. Alzakar RH, Alsamarai AM. Efficacy of immunotherapy for treatment of allergic asthma in children. *Allergy and Asthma Proceedings.* 2010;31:324.
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10. Bachert C. Effectiveness of preparations with non-modified allergens for sublingual application - Evaluation of evidence by reference to clinical trials. *Allergologie.* 2012;35:59.

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21. Bona DD, Plaia A, Barone MSL, et al. Efficacy of grass pollen allergen sublingual immunotherapy tablets for seasonal allergic rhinoconjunctivitis. A systematic review and meta-analysis. *Allergy: European Journal of Allergy and Clinical Immunology*. Conference: 35th Annual Congress of the European Academy of Allergy and Clinical Immunology, EAACI 2016.Austria.Conference Start: 20160611.Conference End: 20160615.71 (pp 616-617), 2016. 2016:616.
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