

Clinical and Experimental Otorhinolaryngology

Supplementary Table 1. Questionnaire regarding the prescription patterns for allergic rhinitis

Demographics

1. What is your specialty?

- ① Internal medicine ② Pediatrics ③ Otorhinolaryngology-head and neck surgery ④ Others

2. How long have you been carry on your specialty?

- ① less than 5 years ② 5 to 10 years ③ 10 to 15 years ④ 15 to 20 years ⑤ more than 20 years

3. Where is your practice located?

- ① Seoul/Gyeonggi/Incheon ② Daejeon/Chungcheong ③ Daegu/Busan/Ulsan/Gyeongsang ④ Gwangju/Jeolla ⑤ Kangwon ⑥ Jeju

4. Which is your practice type?

- ① University hospital ② General hospital ③ Local hospital ④ Private clinic ⑤ Others

Diagnosis

5. Which do you think is the most important thing to diagnosis allergic rhinitis?

- ① Clinical symptoms ② Skin prick test (SPT) ③ Serum specific IgE test ④ Nasal endoscopy ⑤ Nasal provocation test

6. Which do you use to definitely diagnose allergic rhinitis?

- ① SPT ② MAST or RAST ③ ImmunoCAP ④ SPT+MAST/RAST ⑤ SPT+ImmunoCAP ⑥ Nothing

7. How much proportion of allergic rhinitis patients in your clinic?

- ① ≤10% ② 11–20% ③ 21–30% ④ 31–40% ⑤ >40%

8. Which is the most common season in allergic rhinitis?

- ① Spring ② Summer ③ Autumn ④ Winter ⑤ Not predominant

9. Which is your classification about allergic rhinitis? (select all that apply)

- ① Intermittent and persistent ② Seasonal and perennial ③ Mild, moderate, severe
④ Mild intermittent, moderate to severe intermittent, mild persistent, and moderate to severe persistent

10. Which guideline do you use for diagnosis of allergic rhinitis?

- ① ARIA guideline ② AAO-HNSF guideline ③ KAAACI guideline ④ The KRS guideline ⑤ Others ⑥ Nothing

11. How commonly allergic rhinitis accompanied with asthma?

- ① ≤5% ② 6–10% ③ 11–15% ④ 16–20% ⑤ >20%

Treatment

12. Which is the initial medication for treatment of AR?

- ① Antihistamine, oral ② Antihistamine, nasal spray ③ Leukotriene receptor antagonist (LTA) ④ Intranasal steroid spray (INS)
⑤ Decongestant ⑥ Others

13. Which is your mostly used combination for treatment of AR?

- ① INS+oral antihistamine ② INS+nasal antihistamine ③ INS+LTA ④ Oral antihistamine+LTA ⑤ Oral antihistamine+decongestant
⑥ INS+oral antihistamine+LTA ⑦ INS+oral antihistamine+decongestant ⑧ Others

14. How long do you prescribe medication?

- ① Less than 2 weeks ② 2 weeks to 4 weeks ③ 4 weeks to 8 weeks ④ More than 8 weeks

15. How about patients' compliance to medication?

- ① ≤50% ② 51–80% ③ 81–99% ④ 100%

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Supplementary Table 1. Continued from the previous page

16. Do you explain about allergen avoidance and environmental control?

- ① All allergen ② House dust mite (HDM) ③ Pollen ④ Animal dander ⑤ None

17. Do you recommend surgery to your patient?

- ① No ② ≤10% ③ 11–20% ④ 21–30% ⑤ 31–40% ⑥ >40%

Immunotherapy

18. Do you prescribe immunotherapy in your practice?

- ① No ② ≤10% ③ 11–20% ④ 21–30% ⑤ 31–40% ⑥ >40%

If you answered ① to number 19 and quit survey, If you answered others to number 20

19. What is the reason not to prescribe immunotherapy in your practice?

- ① Distrust of its therapeutic effect ② Require long term treatment duration ③ Lack of facilities or trained health professionals
④ Lack of practice ⑤ Others

20. Which is your preferred method of immunotherapy?

- ① SCIT ② SLIT ③ Both ④ Others

21. Which do you use to detect allergen for immunotherapy? (select all that apply)

- ① SPT ② MAST/RAST ③ ImmunoCAP ④ Nasal provocation test ⑤ None

22. For which type of allergens are you using immunotherapy (select all that apply)

- ① HDM ② Mold ③ Pollens ④ Cockroach ⑤ Animal dander ⑥ Others

23. How many allergen extracts do you mix in immunotherapy?

- ① One ② Two ③ More than three

24. How about the proportion of allergen extracts in immunotherapy?

(_____)

25. How long do you recommend duration of immunotherapy?

- ① 1 year ② 2 years ③ 3 years ④ 4 years ⑤ 5 years ⑥ More than 6 years

26. How about completion rate of whole schedule of immunotherapy

26-1 SCIT

- ① ≤20% ② 21–40% ③ 41–60% ④ 61–80% ⑤ 81–100%

26-2 SLIT

- ① ≤20% ② 21–40% ③ 41–60% ④ 61–80% ⑤ 81–100%

27. Have you ever observed adverse reactions in immunotherapy?

- ① SCIT (detail: _____) ② SLIT (detail: _____) ③ None

28. Have you ever discontinued immunotherapy due to adverse reactions?

- ① SCIT (detail: _____) ② SLIT (detail: _____) ③ None

MAST, multiple allergen simultaneous test; RAST, radio allergy sorbent test; ARIA, Allergic Rhinitis and its Impact on Asthma; AAO-HNSF, American Academy of Otolaryngology-Head and Neck Surgery Foundation; KAAACI, Korean Academy of Asthma, Allergy and Clinical Immunology; KRS, Korean Rhinologic Society; AR, allergic rhinitis; SCIT, subcutaneous immunotherapy; SLIT, sublingual immunotherapy.