

Questionnaire assessing the dissemination and implementation of the ARIA guidelines for allergic rhinitis among Belgian Otorhinolaryngologists.

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON27953

Source

NTR

Brief title

N/A

Health condition

Allergic rhinitis, guidelines, ARIA, dissemination, implementation, compliance

Sponsors and support

Primary sponsor: Helen Van Hoecke, MD

Paul Van Cauwenberge, MD, PhD

Department of Otorhinolaryngology

Ghent University Hospital

Belgium

Source(s) of monetary or material Support: Educational grant was provided by UCB

Intervention

Outcome measures

Primary outcome

- Knowledge and use of the ARIA guidelines among Belgian Otorhinolaryngologists.
- Attitude of Belgian Otorhinolaryngologists towards the ARIA guidelines.
- Compliance of Belgian Otorhinolaryngologists with the ARIA guidelines in clinical case scenarios of allergic rhinitis.
- Identification of physicians' characteristics that may influence compliance with the ARIA guidelines.

Secondary outcome

N/A

Study description

Background summary

Abstract

Background:

In 2001, the ARIA guidelines were published to assist healthcare practitioners in managing allergic rhinitis (AR) according to the best available evidence. Very limited information, however, is available on the impact of these guidelines on clinical practice.

Objective:

Four years after publication of the ARIA report, we wanted to assess the knowledge and use of the ARIA guidelines in specialist practice and physicians' characteristics that may influence compliance with the guideline recommendations.

Methods:

All Belgian Otorhinolaryngologists were invited to complete a questionnaire, covering demographic and professional characteristics, self-reported knowledge, use and perception of the ARIA guidelines and 4 clinical case scenarios of AR.

Results:

Of the 258 (44%) Belgian Otorhinolaryngologists who participated, almost 90% had ever

heard about ARIA and 64% had followed a lecture specifically dedicated to the ARIA guidelines. 51% reported to never use the ARIA classification, but 62% stated to always or mostly follow the ARIA treatment algorithms. In the clinical case section, adherence to the ARIA guidelines raised with increased self-reported knowledge and use of the ARIA guidelines and among participants, that considered the guidelines more userfriendly. 51% of the respondents were considered as good compliers. Younger age was a significant predictor for good compliance.

Conclusion:

The ARIA guidelines seem to be well promoted and disseminated among Belgian Otorhinolaryngologists, but their implementation remains a challenge. More efforts are required to improve the translation of scientific knowledge into clinical practice and to further identify which factors may influence guideline compliance.

Study objective

All Belgian Otorhinolaryngologists were invited to complete a questionnaire, covering demographic and professional characteristics, self-reported knowledge, use and perception of the ARIA guidelines and 4 clinical case scenarios of allergic rhinitis. Aim of the study was to assess the knowledge and use of and attitude towards the ARIA guidelines among Belgian Otorhinolaryngologists and to identify physicians' characteristics that may influence compliance with the guideline recommendations.

Study design

- 20/05/2005: first mailing of the questionnaire
- 30/06/2005: reminder mailing
- sept 2005- mar 2006: analysis of results
- nov 2005: presentation preliminary results on Annual Meeting of Belgian Otorhinolaryngologists
- okt 2007-aug 2008: preparation article covering this study
- okt 2008: submission article to clinical Experimental Allergy journal (trial registration required)

Intervention

- Questionnaire

Contacts

Public

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Eligibility criteria

Inclusion criteria

1. All fully-trained and practicing Belgian Otorhinolaryngologists were invited to participate.

Exclusion criteria

1. No exclusion criteria

Study design

Design

Study type: Interventional

Intervention model: Other

Control: N/A , unknown

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-05-2005

Enrollment: 598

Type: Actual

Ethics review

Positive opinion

Date: 12-10-2008

Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL1428
NTR-old	NTR1488
Other	:
ISRCTN	ISRCTN wordt niet meer aangevraagd

Study results

Summary results

Article prepared for submission:

The ARIA guidelines in specialist practice: a nationwide survey