Methods

Literature Search

Databases:
-Pubmed
-Scopus
-ISI Web of Knowledge

2357
(after duplicates removed)

Search Strategy

S1) Articles published since 1990;

S2) Articles in English;

S3) Not Reviews nor Editorials nor Comments

Title and Abstract Review

Two Independent Reviewers

2239 Excluded:

I2: 411

I3: 131

E1: 979

E2: 718

118
Included

Full Text Review

Two Independent Reviewers

99 Excluded

No FeNO values: 2

E1: 6

E2: 2

I1: 5

I2: 45

I3: 39

19
Included

Inclusion Criteria:

I1) Assessment of atopy by skin prick test or specific Ig E for common aeroallergens.

I2) FeNO measured with online technique at 50ml/s according to ATS/ ERS recommendations.

I3) Study must include at least one comparison of FeNO values between two of the following groups healthy, allergic rhinitis or non allergic rhinitis or atopic individuals.

Exclusion Criteria:

E1) All the included patients have known diseases (e.g. asthma) other than rhinitis.

E2) Animal or in vitro testing.