**Methods**

**Search Strategy**
- S1) Articles published since 1990;
- S2) Articles in English;
- S3) Not Reviews nor Editorials nor Comments

**Databases:**
- Pubmed
- Scopus
- ISI Web of Knowledge

**Literature Search**
- 2357 (after duplicates removed)

**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.