

Publication alert:

Validation of a diagnosis-agnostic symptom questionnaire for asthma and/or COPD

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Very few patient-reported tools that record respiratory symptoms have been validated in both asthma and COPD
There is a need for brief, diagnosis-agnostic measures of respiratory symptoms that can be used across the spectrum of obstructive lung disease

What is the RSQ?

A new four-item, patient-reported tool to assess the frequency of respiratory symptoms and their impact on patients' activity, without requiring a specific diagnostic label

In the past 4 weeks:

1. How often have you had shortness of breath, wheezing, coughing and/or chest tightness during the day?

0 1 2 3 4

2. How often did you use a rescue inhaler (quick-relief inhaler) in response to shortness of breath, wheezing, coughing and/or chest tightness?

0 1 2 3 4

3. How limited were your activities as a result of shortness of breath, wheezing, coughing and/or chest tightness?

0 1 2 3 4

4. How often did you wake up at night due to shortness of breath, wheezing, coughing and/or chest tightness?

0 1 2 3 4

Responses to each item are scored 0 to 4

Total score ranges from 0 to 16

Higher scores indicate more frequent or worse symptoms



Respiratory-specific

Focusses on symptoms common to asthma and COPD



Diagnosis-agnostic

Can be used by patients with asthma and/or COPD

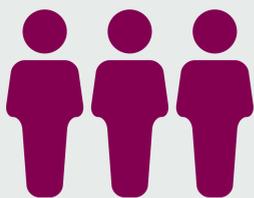


Short

Can be completed in 1-2 minutes

How was the RSQ psychometrically validated?

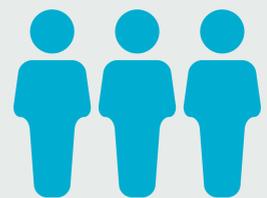
NOVELTY patients who completed the RSQ at baseline were randomly sampled



Asthma
(n=510)



Asthma+COPD
(n=510)



COPD
(n=510)

The RSQ demonstrated good reliability and validity in patients with asthma and/or COPD

- Asthma
- Asthma+COPD
- COPD
- No specific diagnosis yet

The RSQ is an effective, easy-to-administer questionnaire that can be used for monitoring patient-reported respiratory symptoms in clinical practice, clinical trials and real-world studies

It may help to further our understanding of obstructive lung disease beyond conventional diagnostic labels