

Tools for Assessing Outcomes in Studies of Chronic Cough

CHEST Guideline and Expert Panel Report

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COI Grid: Cough Assessment Tools

Recommendation or Suggestion	Louis-Philippe Boulet, MD, FCCP Topic Editor Financial COI	Remy Coeytaux, MD, PhD Financial COI	Douglas C. McCrory MD, MHS Financial COI	Cynthia French, MS, APRN, BC Financial COI	Anne Bernadette Chang, MBBS, PhD, MPH Financial COI	Surinder Biring, MB ChB, MD Financial COI	Jaclyn Smith, MB ChB, PhD Financial COI	Bruce Rubin, MEng, MD, MBA Financial COI	Richard Irwin, MD, Master FCCP Financial COI
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<p>1. In adult and adolescent patients (≥ 14 years of age) complaining of chronic cough, we recommend that validated and reliable health-related quality of life (QoL) questionnaires be used as the measurement of choice to assess the impact of cough on patients. (Grade 1B)</p>	None	None	None	None	Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document	Did not vote due to conflict of interest (Developer of adult QoL and cough counting tools)	None	None	Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document

<p>2. In adults and adolescents with chronic cough, we recommend the CQLQ and LCQ, as they are the most extensively studied and commonly used previously validated and reliable cough specific health-related QoL questionnaires to assess the impact of cough. (Grade 1B)</p>	None	None	None	Co-developer of the copyright Cough Quality of Life Questionnaire (CQLQ), has received \$1,000 in past 3 years from investigators who have used CQLQ, helps defray costs of continuing to improve CQLQ	Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document	Did not vote due to conflict of interest (Developer of adult QoL and cough counting tools)	None	None	Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document
<p>3. In children (< 14 years of age) with chronic cough, we recommend that validated and reliable, health-related QoL questionnaires be used as the measurement of choice to assess the impact of cough. (Grade 1B)</p>	None	None	None	None	Co-author of PC-QOL	None	None	None	Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document

<p>4. In children (< 14 years of age) with chronic cough, we recommend the PC-QOL, the most extensively studied and commonly used previously validated and reliable health-related QoL questionnaire, as the measurement of choice to assess the impact of cough. (Grade 1B)</p>	None	None	None	None	<p>Co-developer of the copyright PC-QOL. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>	None	None	None	<p>Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>
<p>5. To standardize the development, utilization, and reporting of cough specific QoL questionnaires, we suggest that cough counting alone not be utilized to establish validity of the questionnaires. (CB)</p>	None	None	None	None	<p>Co-developer of the copyright PC-QOL. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>	<p>Did not vote due to conflict of interest (Developer of adult QoL and cough counting tools)</p>	None	None	<p>Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>

<p>6. To standardize the development, use and reporting of cough severity by visual analogue scales (VAS) or numeric rating scales, we suggest that they be used in standard fashion. (CB)</p>	None	None	None	None	<p>Co-developer of the copyright PC-QOL. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>	None	None	None	<p>Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>
<p>7. To ensure the integrity of health-related QoL questionnaires and other patient-reported outcomes that have been shown to be valid and reliable, we suggest that a modified version should not be used and reported unless the modified version has been shown to be reliable and valid. (CB)</p>	None	None	None	None	<p>Co-developer of the copyright PC-QOL. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>	<p>Did not vote due to conflict of interest (Developer of adult QoL and cough counting tools)</p>	None	None	<p>Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document</p>

<p>8. In adult and adolescent patients with cough of any duration, we suggest that tussigenic challenges have a role in research settings to understand mechanisms of cough. (CB)</p>	None	None	None	None	Have conducted studies on capsaicin challenges	None	None	None	Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document
<p>9. In patients of all ages, we recommend acoustic cough counting to assess cough frequency but not cough severity. (Grade 1B)</p>	None	None	None	None	Have conducted studies on cough counting. Co-developer of the copyright PC-QOL. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document	Did not vote due to conflict of interest (Developer of adult QoL and cough counting tools)	Did not vote due to conflict of interest (named inventor on patent)	None	Co-developer and co-copyright holder of CQLQ and received \$500 2.5 years ago from investigators who have used the CQLQ, which has helped defray the costs of continuing to improve the CQLQ. Member of Advisory Panel for the AHRQ systematic review on assessing cough severity plus reviewer of the final AHRQ document

Conflict of Interest Grid: This spreadsheet is used to keep track of which panelists have conflicts of interests relevant to which recommendations. It allows staff and panel leadership to prevent voting by conflicted panelists whose conflicts are being managed.

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