**Table F-3. KQ 2—Study characteristics**

| **Study** | **Intervention comparison(s)** | **Geographic Location** | **Cough/Population Description** | **Included Diseases** | **Number of Patients** | **Study Quality** |
| --- | --- | --- | --- | --- | --- | --- |
| Cass, 195379 | Antitussive (opiates) vs. Antitussive (other) vs. Placebo | U.S. | Persistent cough | NR | 69 | Fair |
| Cass, 195480 | Antitussive (opiates) vs. Antitussive (other) vs. Placebo | U.S. | Persistent cough | NR | 65 | Poor |
| Cass, 195681 | Antitussive (opiates) vs. Antitussive (other) vs, Antitussive (other) Placebo | U.S. | Persistent cough | NR | 63 | Fair |
| Simon, 195782 | Antitussive (anesthetics) vs. Antitussive (anesthetics) | U.S. | Chronic asthmatic bronchitis/pulmonary emphysema  | COPD | 59 | Poor |
| Simon, 196083 | Antitussive (anesthetics) vs. Antitussive (opiates) vs. Placebo | U.S. | Chronic asthmatic bronchitis/pulmonary emphysema | Chronic bronchitis, pulmonary emphysema | 45 | Poor |
| Woolf, 196459 | Antitussive (opiates) vs. Placebo | Canada | Chronic cough | Chronic bronchitis, emphysema | 10 | Poor |
| Vakil, 196684 | Antitussive (other) vs. Placebo | Asia | Chronic cough | Chronic bronchitis, TB | 70 | Fair |
| Sevelius, 197185 | Antitussive (opiates) vs. Antitussive (opiates) vs. Placebo | U.S. | Chronic cough secondary to obstructive emphysema and chronic bronchitis  | COPD | 12 | Fair |
| Wojcicki, 197586 | Antitussive (other) vs. Protussive (expectorants) vs. Placebo | Europe | Cough and nocturnal paroxysms of coughing | Chronic bronchitis, cystic fibrosis, TB | 32 | Good |
| Lilienfield, 197687 | Antihistamine vs. Antihistamine | U.S. | NR | Chronic bronchitis, cystic fibrosis, sarcoidosis, histoplasmosis | 13 | Fair |
| Matts, 197788 | Antitussive (other) vs. Protussive (expectorants) | UK | Chronic cough. | Post viral infection | 50 | Fair |
| Sabot, 197789 | Antitussive (opiates) vs. Antitussive (opiates) vs. Placebo | Europe | Chronic cough | NR | 24 | Fair |
| Clarke, 197990 | Protussive (mucolytic) vs. Protussive (mucolytic) | UK | Chronic bronchitis | Chronic bronchitis | 11 | Good |
| Dierckx, 198191 | Antitussive (opiates) vs. Antitussive (other) vs. Placebo | Europe | Chronic cough | Asthma, chronic bronchitis, cystic fibrosis, TB | 38 | Fair |
| Diwan, 198292 | Antitussive (anesthetics) vs. Antitussive (opiates) | Asia | Chronic cough | COPD, chronic bronchitis, TB | 60 | Fair |
| Matthys, 198393 | Antitussive (opiates) vs. Antitussive (other) vs. Placebo | Europe | Chronic cough secondary to pulmonary TB, bronchial cancer, or obstructive lung disease | TB, bronchial cancer, obstructive lung disease | 16 | Fair |
| Gastpar, 198494 | Antitussive (opiates) vs. Antitussive (other) | Europe | Cough secondary to upper respiratory tract disease | NR | 90 | Poor |
| Jackson, 198495 | Protussive (mucolytic) vs. Placebo | UK | Chronic bronchitis | Chronic bronchitis | 121 | Poor |
| Ruhle, 198496 | Antitussive (other) vs. Antitussive (other) vs. Placebo | Europe | Chronic cough | COPD, asthma, chronic bronchitis, TB | 24 | Fair |
| Guyatt, 198797 | Protussive (mucolytic) vs. Placebo | Canada | Chronic productive cough | Chronic bronchitis | 78 | Fair |
| van Hengstum, 198898 | Protussive (nonpharmacological) vs. Protussive (nonpharmacological) | Europe | Chronic bronchitis  | Chronic bronchitis | 8 | Fair |
| Reid, 198999 | Antihistamine vs. Placebo | Australia/ New Zealand | Children, chronic recurrent cough and/or wheeze with evidence of airway hyperreactivity | Asthma | 189 | Fair |
| Dueholm, 1992100 | Protussive (mucolytic) vs. Placebo | UK | Chronic bronchitis  | Chronic bronchitis | 51 | Fair |
| Holmes, 1992101 | Anticholinergic vs. Placebo | Australia/ New Zealand | Persistent cough secondary to prior upper respiratory tract infection | Post-viral URTI | 13 | Good |
| van Asperen, 1992102 | Antihistamine vs. Placebo | Australia/ New Zealand | Children, chronic cough and/or wheeze  | Unexplained cough | 112 | Good |
| Aversa, 1993103 | Antitussive (other) vs. Placebo | Europe | Chronic lung disease | COPD, unexplained cough, neoplasm, pulmonary fibrosis | 73 | Fair |
| Del Donno, 1994104 | Antitussive (other) vs. Antitussive (other) | Europe | Dry or slightly productive cough | COPD, unexplained cough, acute or unspecified bronchitis, other respiratory disease | 99 | Good |
| Barnabe, 19953 | Antitussive (opiates) vs. Antitussive (other) | Europe | Dry or slightly productive cough | COPD, unexplained cough, neoplasm, pulmonary fibrosis | 113 | Fair |
| Parvez, 1996105 Study 1 | Protussive (expectorants) vs. Placebo | Asia | Chronic productive cough secondary to bronchopulmonary disease | COPD, cystic fibrosis | 60 | Good |
| Parvez, 1996105 Study 2 | Protussive (mucolytic) vs. Placebo | Asia | Chronic productive cough secondary to bronchopulmonary disease | COPD, cystic fibrosis | 24 | Good |
| Tanaka, 1996106 | Antihistamine vs. Placebo | Asia | Chronic cough | UACS | 17 | Fair |
| Luporini, 1998107 | Antitussive (opiates) vs. Antitussive (other) | Europe | Persistent, nonproductive cough  | Lung cancer | 124 | Fair |
| Aliprandi, 2004108 Study 1 | Antitussive (other) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | COPD, asthma, chronic bronchitis | 50 | Poor |
| Aliprandi, 2004108 Study 2 | Antitussive (other) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | COPD, asthma, chronic bronchitis | 60 | Fair |
| Aliprandi, 2004108 Study 3 | Antitussive (other) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | COPD asthma, chronic bronchitis | 40 | Fair |
| Aliprandi, 2004108 Study 4 | Antitussive (opiates) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | COPD, asthma, chronic bronchitis | 120 | Fair |
| Aliprandi, 2004108 Study 5 | Antitussive (opiates) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | COPD, chronic bronchitis | 60 | Fair |
| Aliprandi, 2004108 Study 6 | Antitussive (other) vs. Antitussive (other) | Europe | Chronic nonproductive cough secondary to chronic bronchitis, bronchial asthma, COPD or medication. | Cough “of varying origin,” ACE inhibitor cough | 120 | Fair |
| Chaudhuri, 2004109 | Corticosteroid vs. Placebo | UK | Chronic cough | GERD, asthma, UACS, bronchiectasis, eosinophilic bronchitis, bronchitis | 88 | Fair |
| Smith, 200654 | Antitussive (opiate) vs. Placebo | UK | COPD with cough | COPD | 19 | Fair |
| Vertigan, 2006110 | Antitussive (nonpharmacological) vs. Placebo | Australia/ New Zealand | Chronic cough  | GERD, asthma, UACS, ACE inhibitor | 87 | Fair |
| Morice, 200740 | Antitussive (opiates) vs. Placebo | UK | Chronic cough | Unexplained cough | 27 | Poor |
| Ribeiro, 200749 | Corticosteroid vs. Placebo | S. America | Chronic cough | Unexplained cough | 64 | Good |
| Ramsay, 2008111 | Antitussive (other) vs. Placebo | UK | Chronic cough | None | 42 | Good |
| Wei, 2010112 | Bronchodilator vs. Bronchodilator | Asia | Non- or mildly productive cough | Cough variant asthma; GERD, nonasthmatic eosinophilic bronchitis;UACS | 214 | Fair |
| Yousaf, 2010113 | Antibiotic vs. Placebo | UK | Chronic cough | Unexplained cough | 30 | Good |
| Mukaida, 2011114 | Antitussive (other) vs. Placebo | Asia | Chronic cough secondary to COPD | COPD | 19 | Fair |
| Marchant, 2012115 | Antibiotic vs. Placebo | Australia/ New Zealand | Children, chronic cough | NR | 50 | Good |

Abbreviations: ACE=angiotensin-converting enzyme; COPD=chronic obstructive pulmonary disease; GERD=gastroesophageal reflux disease; NR=not reported; TB=tuberculosis; UACS=upper airway cough syndrome; URTI=upper respiratory tract infection