

**Supplementary Table 1 Search strategy**

| PubMed |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Results  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| NO.    | Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
| #1     | Search:"Gastroesophageal Reflux"[Mesh] Sort by: Most Recent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 31048    |
| #2     | Search:((((((((((((((((("Gastroesophageal Reflux"[Mesh]) OR (Esophageal Reflux[Title/ Abstract])) OR (Gastric Acid Reflux[Title/ Abstract])) OR (Acid Reflux, Gastric[Title/ Abstract])) OR (Reflux, Gastric Acid[Title/ Abstract])) OR (Gastric Acid Reflux Disease[Title/ Abstract])) OR (Gastro-Esophageal Reflux[Title/ Abstract])) OR (Gastro Esophageal Reflux[Title/ Abstract])) OR (Reflux, Gastro-Esophageal[Title/ Abstract])) OR (Gastro-oesophageal Reflux[Title/ Abstract])) OR (Gastro oesophageal Reflux[Title/ Abstract])) OR (Reflux, Gastro-oesophageal[Title/ Abstract])) OR (Gastroesophageal Reflux Disease[Title/ Abstract])) OR (GERD[Title/ Abstract])) OR (Reflux, Gastroesophageal[Title/ Abstract])) OR (Gastro-Esophageal Reflux Disease[Title/ Abstract])) OR (Gastro Esophageal Reflux Disease[Title/ Abstract])) OR (Gastro-Esophageal Reflux Diseases[Title/ Abstract])) OR (Reflux Disease, Gastro-Esophageal[Title/ Abstract])) OR (acid regurgitation[Title/ Abstract])) OR (GORD[Title/ Abstract]) Sort by: Most Recent | 40534    |
| #3     | Search:"Dyspepsia"[Mesh] Sort by: Most Recent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9633     |
| #4     | Search:((((("Dyspepsia"[Mesh])                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | OR 13502 |

(Dyspepsias[Title/ Abstract])) OR  
 (Indigestion[Title/ Abstract])) OR  
 (indigestion[Title/ Abstract])) OR (functional  
 gastrointestinal disorder[Title/ Abstract])) OR  
 (functional dyspepsia[Title/ Abstract])) OR (epigastric  
 pain syndrome[Title/ Abstract])) OR (postprandial  
 distress syndrome[Title/ Abstract]) Sort by: Most Recent  
 #5 Search: (((((((("Dyspepsia"[Mesh]) OR 1234  
 (Dyspepsias[Title/ Abstract])) OR  
 (Indigestion[Title/ Abstract])) OR  
 (indigestion[Title/ Abstract])) OR (functional  
 gastrointestinal disorder[Title/ Abstract])) OR  
 (functional dyspepsia[Title/ Abstract])) OR (epigastric  
 pain syndrome[Title/ Abstract])) OR (postprandial  
 distress syndrome[Title/ Abstract])) AND  
 (((((((((((((((("Gastroesophageal Reflux"[Mesh]) OR  
 (Esophageal Reflux[Title/ Abstract])) OR (Gastric Acid  
 Reflux[Title/ Abstract])) OR (Acid Reflux,  
 Gastric[Title/ Abstract])) OR (Reflux, Gastric  
 Acid[Title/ Abstract])) OR (Gastric Acid Reflux  
 Disease[Title/ Abstract])) OR (Gastro-Esophageal  
 Reflux[Title/ Abstract])) OR (Gastro Esophageal  
 Reflux[Title/ Abstract])) OR (Reflux,  
 Gastro-Esophageal[Title/ Abstract])) OR  
 (Gastro-oesophageal Reflux[Title/ Abstract])) OR  
 (Gastro oesophageal Reflux[Title/ Abstract])) OR  
 (Reflux, Gastro-oesophageal[Title/ Abstract])) OR  
 (Gastroesophageal Reflux Disease[Title/ Abstract])) OR  
 (GERD[Title/ Abstract])) OR (Reflux,

Gastroesophageal[Title/ Abstract])) OR  
 (Gastro-Esophageal Reflux Disease[Title/ Abstract])) OR  
 (Gastro Esophageal Reflux Disease[Title/ Abstract])) OR  
 (Gastro-Esophageal Reflux Diseases[Title/ Abstract]))  
 OR (Reflux Disease,  
 Gastro-Esophageal[Title/ Abstract])) OR (acid  
 regurgitation[Title/ Abstract])) OR  
 (GORD[Title/ Abstract])) Sort by: Most Recent

Web of  
 science

| NO. | Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Results |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| #1  | Gastroesophageal Reflux (Topic) or Esophageal Reflux (Topic) or Gastric Acid Reflux (Topic) or Acid Reflux, Gastric (Topic) or Reflux, Gastric Acid (Topic) or Gastric Acid Reflux Disease (Topic) or Gastro-Esophageal Reflux (Topic) or Gastro Esophageal Reflux (Topic) or Reflux, Gastro-Esophageal (Topic) or Gastro-oesophageal Reflux (Topic) or Gastro oesophageal Reflux (Topic) or Reflux, Gastro-oesophageal (Topic) or Gastroesophageal Reflux Disease (Topic) or GERD (Topic) or Reflux, Gastroesophageal (Topic) or Gastro-Esophageal Reflux Disease (Topic) or Gastro Esophageal Reflux Disease (Topic) or Gastro-Esophageal Reflux Diseases (Topic) or Reflux Disease, Gastro-Esophageal (Topic) or GORD (Topic) or acid regurgitation (Topic) | 33846   |
| #2  | Dyspepsia (Topic) or Dyspepsias (Topic) or Indigestion (Topic) or Indigestions (Topic) or functional gastrointestinal disorder (Topic) or functional dyspepsia (Topic) or epigastric pain syndrome (Topic) or postprandial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 17810   |

distress syndrome (Topic)

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |
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| #3    | #1 AND #2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1850   |
| Embas |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |
| e     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |
| NO.   | Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Result |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | s      |
| #1    | 'gastroesophageal reflux'/exp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 92300  |
| #2    | 'gastroesophageal reflux'/exp OR 'gastroesophageal reflux'<br>OR 'cardioesophageal reflux':ab,ti OR 'cardiooesophageal<br>reflux':ab,ti OR 'esophageal reflux':ab,ti OR 'esophageal<br>regurgitation':ab,ti OR 'esophagogastric reflux':ab,ti OR<br>'esophagus reflux':ab,ti OR 'gastric regurgitation':ab,ti OR<br>'gastro esophageal reflux':ab,ti OR 'gastro oesophageal<br>reflux':ab,ti OR 'gastroesophageal reflex':ab,ti OR<br>'gastroesophageal reflux disease':ab,ti OR 'gastroesophageal<br>regurgitation':ab,ti OR 'gastroesophagus reflux':ab,ti OR<br>'gastrooesophageal reflex':ab,ti OR 'gastrooesophageal<br>reflux':ab,ti OR 'gastrooesophageal reflux disease':ab,ti OR<br>'gastrooesophageal regurgitation':ab,ti OR (gerd:ab,ti AND<br>'gastroesophageal reflux disease':ab,ti) OR (gerd:ab,ti AND<br>'gastrooesophageal reflux disease':ab,ti) OR (gord:ab,ti AND<br>'gastrooesophageal reflux disease':ab,ti) OR 'oesophageal<br>reflux':ab,ti OR 'oesophageal regurgitation':ab,ti OR<br>'oesophagogastric reflux':ab,ti OR 'oesophagus reflux':ab,ti<br>OR 'reflux, gastroesophageal':ab,ti OR 'reflux,<br>gastrooesophageal':ab,ti OR 'regurgitation, gastric':ab,ti OR<br>'regurgitation, gastroesophageal':ab,ti OR 'regurgitation,<br>gastrooesophageal':ab,ti OR 'gastroesophageal reflux':ab,ti | 98038  |
| #3    | 'dyspepsia'/exp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 44973  |

#4 'dyspepsia'/exp OR dyspepsia OR dyspepsy:ab,ti OR 48867  
'dyspeptic disorder':ab,ti OR 'dyspeptic syndrome':ab,ti OR  
'functional dyspepsia':ab,ti OR dyspepsia:ab,ti

#5 #2 AND #4 5843

Cochran

e

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|-----|-------|---------|
| NO. | Query | Results |
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| #1 | Gastroesophageal Reflux | 2600 |
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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| #2 | Gastroesophageal Reflux OR Esophageal Reflux OR 7290<br>Gastric Acid Reflux OR Acid Reflux, Gastric OR Reflux,<br>Gastric Acid OR Gastric Acid Reflux Disease OR<br>Gastro-Esophageal Reflux OR Gastro Esophageal Reflux<br>OR Reflux, Gastro-Esophageal OR Gastro-oesophageal<br>Reflux OR Gastro oesophageal Reflux OR Reflux,<br>Gastro-oesophageal OR Gastroesophageal Reflux<br>Disease OR GERD OR Reflux, Gastroesophageal OR<br>Gastro-Esophageal Reflux Disease OR Gastro<br>Esophageal Reflux Disease OR Gastro-Esophageal Reflux<br>Diseases OR Reflux Disease, Gastro-Esophageal OR acid<br>regurgitation OR GORD |  |
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| #3 | #1 AND #2 | 7353 |
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| #4 | Dyspepsia | 1444 |
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| #5 | Dyspepsia OR Dyspepsias OR Indigestion OR 9681<br>Indigestions OR functional gastrointestinal disorder OR<br>functional dyspepsia OR epigastric pain syndrome OR<br>postprandial distress syndrome |  |
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| #6 | #4 AND #5 | 696 |
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