

**Table S1** Search strategies for electronic academic databases

DATABASE/Date	STRATEGIES
PubMed July 25 <sup>th</sup> , 2021	<ol style="list-style-type: none"> <li>1. ((esophageal(Title/Abstract)) OR (esophagus(Title/Abstract))) OR (upper gastrointestinal tract(Title/Abstract))</li> <li>2. (“Carcinoma”(Mesh)) OR (cancer (Title/Abstract))</li> <li>3. 1 AND 2</li> <li>4. (Esophageal Carcinoma (Title/Abstract)) OR (“Esophageal Squamous Cell Carcinoma”(Mesh))</li> <li>5. 3 OR 4</li> <li>6. “Tooth brushing”(Mesh)OR “Oral Hygiene”(Mesh)</li> <li>7. (tooth brush* (Title/Abstract)) OR (oral hygiene (Title/Abstract))) OR (oral health (Title/Abstract))) OR (oral care (Title/Abstract))) OR (dental health (Title/Abstract))) OR (teeth brush* (Title/Abstract))) OR (mouthwash*(Title/Abstract))</li> <li>8. 6 OR 7</li> <li>9. 5 AND 8</li> <li>10. Filters: Humans</li> </ol>
Embase July 25 <sup>th</sup> , 2021	<ol style="list-style-type: none"> <li>1. ‘esophageal’.ti. ab,kw OR ‘esophagus’.ti. ab,kw OR ‘upper gastrointestinal tract’.ti. ab,kw</li> <li>2. ‘carcinoma’.ti. ab,kw OR ‘cancer’</li> <li>3. 1 AND 2</li> <li>4. ‘tooth brush*’.ti. ab,kw OR ‘teeth brush*’.ti. ab,kw OR ‘oral health’.ti. ab,kw OR ‘oral hygiene’.ti. ab,kw OR ‘oral care’.ti. ab,kw OR ‘dental health’.ti. ab,kw OR ‘mouthwash*’.ti. ab,kw</li> <li>5. 3 AND 4</li> <li>6. Limit 5 to human</li> </ol>
Web of Science July 25 <sup>th</sup> , 2021	<ol style="list-style-type: none"> <li>1. TS= (esophageal OR esophagus OR upper gastrointestinal tract)</li> <li>2. TS= (Carcinoma OR cancer)</li> <li>3. 1 OR 2</li> <li>4. TS= (tooth brushing OR oral hygiene OR oral health OR oral care OR dental health OR teeth brushing OR mouthwash*)</li> <li>5. 3 and 4</li> </ol>
Scopus July 25 <sup>th</sup> , 2021	<ol style="list-style-type: none"> <li>1. (TITLE-ABS-KEY (esophageal) OR TITLE-ABS-KEY (esophagus) OR TITLE-ABS-KEY (upper gastrointestinal tract))</li> <li>2. (TITLE-ABS-KEY (carcinoma) OR TITLE-ABS-KEY (cancer))</li> <li>3. 1 AND 2</li> <li>4. (TITLE-ABS-KEY (“tooth brush*” OR “teeth brush” OR “oral health” OR “oral hygiene” OR “oral care” OR “dental health” OR “mouthwash*”))</li> <li>5. 3 and 4</li> </ol>