### Appendix 1:

**Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>**

Search history sorted by search number ascending

| Searches                                                                 | Results | Type      |
|-------------------------------------------------------------------------|---------|-----------|
| 1  (barrett* adj3 (esophag* or oesophag*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9564    | Advanced  |
| 2  Barrett Esophagus/                                                   | 7292    | Advanced  |
| 3  (exp esophageal neoplasms/)                                         | 46048   | Advanced  |
| 4  ((esophag* or oesophag*) adj3 (cancer* or carcinoma* or adenocarcinoma*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 41909   | Advanced  |
| 5  or/1-4                                                              | 60631   | Advanced  |
| 6  exp Cryotherapy/                                                     | 23973   | Advanced  |
| 7  Cryosurgery/                                                         | 12158   | Advanced  |
| 8  (cryotherap* or cryosurg* or freez*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 101616  | Advanced  |
| 9  or/6-8                                                              | 120572  | Advanced  |
| 10 liquid nitrogen.mp.                                                 | 7735    | Advanced  |
| 11 9 or 10                                                             | 124815  | Advanced  |
| 12 5 and 11                                                            | 1490    | Advanced  |
| 13 limit 12 to english language                                         | 1472    | Advanced  |
| 14 limit 13 to yr="2000 -Current"                                       |         |           |
Search history sorted by search number ascending

| #  | Searches                                                                 | Results | Type  |
|----|--------------------------------------------------------------------------|---------|-------|
| 1  | esophagus disease/ or exp barrett esophagus/ or exp esophagus tumor/     | 78015   | Advanced |
| 2  | exp cryotherapy/                                                          | 25452   | Advanced |
| 3  | (cryoablat* or cryosurg* or cryother*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] | 28507   | Advanced |
| 4  | liquid nitrogen/                                                          | 6032    | Advanced |
| 5  | 1 and (2 or 3 or 4)                                                      | 560     | Advanced |
| 6  | limit 5 to (human and english language and yr="2000 -Current")           | 513     | Advanced |
| 7  | 6 not case report/                                                        | 469     | Advanced |
| 8  | remove duplicates from 7                                                  | 462     |        |

Scopus

( TITLE-ABS-
KEY ((((( barrett* W/2 ( esophag* OR oesophag*)) OR ((( esophag* OR oesophag*) W/3 ( cancer* OR carcinom a* OR adenocarcinoma*))))) ) AND ( "liquid nitrogen" OR cryoablat* OR cryosurg* OR cryother* OR freez* OR cryospray*) AND PUBYEAR > 1999 AND ( LIMIT-TO ( DOCTYPE , "ar ") OR LIMIT-TO ( DOCTYPE , "re ") ) AND ( LIMIT-TO ( LANGUAGE , "English ") ) ) 654