**Appendix – Database searches for systematic review the effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight.**

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| **Database: Cumulative Index to Nursing and Allied Health Literature (CINAHL)** |
| Date of search: 23/07/2020 |
| Symbols used in this document: |
| MH = Main Heading or “CINAHL Heading” |
| Asterisk (\*) – Truncator – finds various endings of the stem of a word |
| “ ” finds a phrase |
| **Search #** | **Concept** | **Search Terms** | **No. of Results** |
| #1 | Cholecystokinin | cholecystokinin OR CCK OR (MH "Cholecystokinin") | 690 |
| #2 | Agonists or other chemicals which mimic the actions of cholecystokinin. | infusion OR agonist\* OR exogenous OR analogue OR analog | 142,112 |
| #3 | Appetite, dietary energy intake and maintenance of body weight. | "energy intake" OR "body weight" OR satiation OR satiety OR (MH "Energy Intake") OR (MH "Satiation") | 72,667 |
| #4 | Effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight. | #1 AND #2 AND #3  | 64 |
|  | Human studies | Limiter applied | 52 |

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| **Database: Cochrane Library (Central Register of Controlled Trials)**  |
| Date of search: 23/07/2020 |
| Symbols used in this document: |
| MH = Main Heading or “MeSH Heading” |
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| “ ” finds a phrase |
| **Search #** | **Concept** | **Search Terms** | **No. of Results** |
| #1 |  | cholecystokinin OR CCK | 1,197 |
| #2 |  | (MH "Cholecystokinin") | 422 |
| #3 | Cholecystokinin | #1 OR #2 | 1,199 |
| #4 | Agonists or other chemicals which mimic the actions of cholecystokinin. | infusion OR agonist\* OR exogenous OR analogue OR analog | 180,231 |
| #5 |  | "energy intake" OR "body weight" OR satiation OR satiety | 54,148 |
| #6 |  | (MH "Energy Intake") | 5,270 |
| #7 |  | (MH "Satiation") | 1,029 |
| #8 | Appetite, dietary energy intake and maintenance of body weight. | #5 OR #6 OR #7 | 54,443 |
| #9 | Effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight. | #3 AND #4 AND #8 | 161(PubMed-112, Embase-52, CT.gov-17, ICTRP-8, CINAHL-3) |

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| **Database: MEDLINE** |
| Date of search: 23/07/2020 |
| Symbols used in this document: |
| MH = Main Heading or “MeSH Heading” |
| Asterisk (\*) – Truncator – finds various endings of the stem of a word |
| “ ” finds a phrase |
| **MEDLINE**  |
| **Search #** | **Concept** | **Search Terms** | **No. of Results** |
| #1 | Cholecystokinin | cholecystokinin OR CCK OR (MH "Cholecystokinin") | 19,438 |
| #2 | Agonists or other chemicals which mimic the actions of cholecystokinin. | infusion OR agonist\* OR exogenous OR analogue OR analog | 1,569,798 |
| #3 | Appetite, dietary energy intake and maintenance of body weight. | "energy intake" OR "body weight" OR satiation OR satiety OR (MH "Energy Intake") OR (MH "Satiation") | 389,514 |
| #4 | Effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight. | #1 AND #2 AND #3  | 747 |
|  | Human studies | Limiter applied | 262 |

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| **Database: Scopus** |
| Date of search: 23/07/2020 |
| Symbols used in this document: |
| Asterisk (\*) – Truncator – finds various endings of the stem of a word |
| “ ” finds a phrase |
| **Search #** | **Concept** | **Search Terms** | **No. of Results** |
| #1 | Cholecystokinin | cholecystokinin OR CCK  | 29,307 |
| #2 | Agonists or other chemicals which mimic the actions of cholecystokinin. | infusion OR agonist\* OR exogenous OR analogue OR analog | 1,369,205 |
| #3 | Appetite, dietary energy intake and maintenance of body weight. | "energy intake" OR "body weight" OR satiation OR satiety | 320,652 |
| #4 | Effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight. | #1 AND #2 AND #3  | 532 |
|  | Human studies | Exclude: "Nonhuman" OR "Rat" OR "Rats" OR "Animals" OR "Animal Tissue" "Mouse" OR "Rats, Sprague-Dawley" OR "Mice" OR "Rats, Inbred Strains" | 180 |

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| **Database: Web of Science**  |
| Date of search: 23/07/2020 |
| Symbols used in this document: |
| Asterisk (\*) – Truncator – finds various endings of the stem of a word |
| “ ” finds a phrase |
| **Search #** | **Concept** | **Search Terms** | **No. of Results** |
| #1 | Cholecystokinin | cholecystokinin OR CCK  | 25,260 |
| #2 | Agonists or other chemicals which mimic the actions of cholecystokinin. | infusion OR agonist\* OR exogenous OR analogue OR analog | 1,040,918 |
| #3 | Appetite, dietary energy intake and maintenance of body weight. | "energy intake" OR "body weight" OR satiation OR satiety | 219,407 |
| #4 | Effects of cholecystokinin use on appetite, dietary energy intake and maintenance of body weight. | #1 AND #2 AND #3  | 399 |