**Search strategy**

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) <1946 to September 19, 2019>

Search history sorted by search number ascending

# Searches Results Type

1 exp obesity/su, th 34403 Advanced

2 exp bariatric surgery/ 23637 Advanced

3 (obese\* or bariatric\* or obesity).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 334197 Advanced

4 or/1-3 339562 Advanced

5 (sleeve adj3 gastrectom\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 4955 Advanced

6 (roux adj2 "y").mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 12041 Advanced

7 4 and (5 or 6) 10152 Advanced

8 exp esophageal neoplasms/ 48664 Advanced

9 ((esophag\* or oesophag\*) adj3 (cancer\* or carcinoma\* or adenocarcinoma\* or eac or escc or barrett\*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 50978 Advanced

10 7 and (8 or 9) 82

CENTRAL ñ 5

Embase <1974 to 2019 Week 38>

Search history sorted by search number ascending

# Searches Results Type

1 exp obesity/su, th 36510 Advanced

2 exp bariatric surgery/ 41019 Advanced

3 1 or 2 65731 Advanced

4 exp esophagus cancer/ or exp esophagus carcinoma/ 65535 Advanced

5 3 and 4 189 Advanced

6 5 and (sleeve\* or roux\*).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] 79 Advanced

7 exp sleeve gastrectomy/ 12714 Advanced

8 roux-en-y gastric bypass/ 5748 Advanced

9 5 and (7 or 8) 52 Advanced

10 6 or 9 79

SCOPUS

TITLE-ABS-KEY ( ( obesity OR obese OR bariatric ) AND ( ( esophag\* OR oesophag\* ) W/3

( cancer\* OR malign\* OR carcinoma\* OR adenocarcinom\* ) ) ) AND ( sleeve\* OR roux\* ) 172