Appendix 9. Flowchart of literature selection process (Ref. PPT)

KQ 1

Records identified through databases searching ($n = 589$)
- Ovid-MEDLINE ($n = 115$)
- Ovid-EMBASE ($n = 304$)
- Cochrane Library ($n = 170$)
Hand searching ($n = 5$)

Records after duplicates removed ($n = 508$)

Records screened ($n = 508$)

Records excluded by title and abstract screening ($n = 421$)
- P: Inappropriate ($n = 7$)
- I: Inappropriate ($n = 20$)
- C: Inappropriate ($n = 19$)
- O: Inappropriate ($n = 5$)
- Not English or Korean ($n = 0$)
- Duplicated ($n = 0$)
- Impossible to obtain the original text ($n = 25$)
- Not human research ($n = 0$)

Full-text articles assessed for eligibility ($n = 87$)

Records excluded according to selection criteria ($n = 76$)
- P: Inappropriate ($n = 3$)
- I: Inappropriate ($n = 12$)
- C: Inappropriate ($n = 20$)
- O: Inappropriate ($n = 2$)
- Not English or Korean ($n = 0$)
- Duplicated ($n = 8$)
- Impossible to obtain the original text ($n = 53$)
- Not human research ($n = 0$)

Studies included for synthesis ($n = 11$)

Search for colonoscopic polypectomy

Identification

Screening

Eligibility

Included

Search for colonoscopy

Identification

Screening

Eligibility

Included

Records identified through databases searching ($n = 2,668$)
- Ovid-MEDLINE ($n = 641$)
- Ovid-EMBASE ($n = 1,506$)
- Cochrane Library ($n = 548$)
Hand searching ($n = 0$)

Records after duplicates removed ($n = 2,236$)

Records screened ($n = 1,030$)

Records excluded by title and abstract screening ($n = 926$)

Full-text articles assessed for eligibility ($n = 104$)

Records excluded according to selection criteria ($n = 98$)
- P: Inappropriate ($n = 3$)
- I: Inappropriate ($n = 12$)
- C: Inappropriate ($n = 20$)
- O: Inappropriate ($n = 2$)
- Not English or Korean ($n = 0$)
- Duplicated ($n = 8$)
- Impossible to obtain the original text ($n = 53$)
- Not human research ($n = 0$)

Studies included for synthesis ($n = 6$)
KQ 2

**Identification**

Records identified through databases searching \((n = 589)\)
- Ovid-MEDLINE \((n = 115)\)
- Ovid-EMBASE \((n = 304)\)
- Cochrane Library \((n = 170)\)

Hand searching \((n = 5)\)

**Screening**

Records after duplicates removed \((n = 508)\)

Records screened \((n = 508)\)

Records excluded by title and abstract screening \((n = 494)\)

**Eligibility**

Records excluded according to selection criteria \((n = 7)\)
1. P: Inappropriate \((n = 1)\)
2. I: Inappropriate \((n = 0)\)
3. C: Inappropriate \((n = 3)\)
4. O: Inappropriate \((n = 2)\)
5. Not English or Korean \((n = 0)\)
6. Duplicated \((n = 0)\)
7. Impossible to obtain the original text \((n = 0)\)
8. Not human research \((n = 1)\)

**Included**

Full-text articles assessed for eligibility \((n = 14)\)

Studies included for synthesis \((n = 7)\)

**Search for colonoscopy**

Records identified through databases searching \((n = 2,668)\)
- Ovid-MEDLINE \((n = 641)\)
- Ovid-EMBASE \((n = 1,506)\)
- Cochrane Library \((n = 548)\)

Hand searching \((n = 4)\)

Records after duplicates removed \((n = 2,240)\)

Records screened \((n = 2,240)\)

Records excluded by title and abstract screening \((n = 2,225)\)

Records excluded according to selection criteria \((n = 6)\)
1. P: Inappropriate \((n = 3)\)
2. I: Inappropriate \((n = 1)\)
3. C: Inappropriate \((n = 1)\)
4. O: Inappropriate \((n = 0)\)
5. Not English or Korean \((n = 0)\)
6. Duplicated \((n = 0)\)
7. Impossible to obtain the original text \((n = 0)\)
8. Not human research \((n = 1)\)

Studies included for synthesis \((n = 9)\)
KQ 3

Records identified through databases searching (n = 589)
  • Ovid-MEDLINE (n = 115)
  • Ovid-EMBASE (n = 304)
  • Cochrane Library (n = 170)
  Hand searching (n = 0)

Records after duplicates removed (n = 503)

Records screened (n = 503)

Records excluded by title and abstract screening (n = 497)

Full-text articles assessed for eligibility (n = 6)

Records excluded according to selection criteria (n = 4)
  1. P: Inappropriate (n = 0)
  2. I: Inappropriate (n = 0)
  3. C: Inappropriate (n = 4)
  4. O: Inappropriate (n = 0)
  5. Not English or Korean (n = 0)
  6. Duplicated (n = 0)
  7. Impossible to obtain the original text (n = 0)
  8. Not human research (n = 1)

Studies included for synthesis (n = 2)

Records identified through databases searching (n = 2,668)
  • Ovid-MEDLINE (n = 641)
  • Ovid-EMBASE (n = 1,506)
  • Cochrane Library (n = 548)
  Hand searching (n = 2)

Records after duplicates removed (n = 2,238)

Records screened (n = 1,032)

Records excluded by title and abstract screening (n = 1,022)

Full-text articles assessed for eligibility (n = 10)

Records excluded according to selection criteria (n = 5)
  1. P: Inappropriate (n = 0)
  2. I: Inappropriate (n = 0)
  3. C: Inappropriate (n = 5)
  4. O: Inappropriate (n = 0)
  5. Not English or Korean (n = 0)
  6. Duplicated (n = 0)
  7. Impossible to obtain the original text (n = 0)
  8. Not human research (n = 1)

Studies included for synthesis (n = 5)
KQ 4

Records identified through databases searching (n = 589)
- Ovid-MEDLINE (n = 115)
- Ovid-EMBASE (n = 304)
- Cochrane Library (n = 170)
Hand searching (n = 7)

Records after duplicates removed (n = 510)

Records screened (n = 510)
Records excluded by title and abstract screening (n = 500)

Records excluded according to selection criteria (n = 2)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 1)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 0)
8. Not human research (n = 1)

Full-text articles assessed for eligibility (n = 10)

Studies included for synthesis (n = 8)

Records identified through databases searching (n = 2,668)
- Ovid-MEDLINE (n = 641)
- Ovid-EMBASE (n = 1,506)
- Cochrane Library (n = 548)
Hand searching (n = 7)

Records after duplicates removed (n = 2,243)

Records screened (n = 1,037)
Records excluded by title and abstract screening (n = 1,025)

Records excluded according to selection criteria (n = 4)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 3)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 0)
8. Not human research (n = 1)

Full-text articles assessed for eligibility (n = 12)

Studies included for synthesis (n = 8)
KQ 5

Identification

Records identified through databases searching ($n = 589$)
- Ovid-MEDLINE ($n = 115$)
- Ovid-EMBASE ($n = 304$)
- Cochrane Library ($n = 170$)
- Hand searching ($n = 0$)

Screening

Records after duplicates removed ($n = 503$)

Records screened ($n = 503$)

Records excluded by title and abstract screening ($n = 495$)

Eligibility

Full-text articles assessed for eligibility ($n = 8$)

Records excluded according to selection criteria ($n = 8$)
1. P: Inappropriate ($n = 0$)
2. I: Inappropriate ($n = 1$)
3. C: Inappropriate ($n = 1$)
4. O: Inappropriate ($n = 0$)
5. Not English or Korean ($n = 0$)
6. Duplicated ($n = 0$)
7. Impossible to obtain the original text ($n = 6$)
8. Not human research ($n = 0$)

Included

Studies included for synthesis ($n = 0$)

Identification

Records identified through databases searching ($n = 2,668$)
- Ovid-MEDLINE ($n = 641$)
- Ovid-EMBASE ($n = 1,506$)
- Cochrane Library ($n = 548$)
- Hand searching ($n = 0$)

Screening

Records after duplicates removed ($n = 2,236$)

Records screened ($n = 1,030$)

Records excluded by title and abstract screening ($n = 1,025$)

Eligibility

Full-text articles assessed for eligibility ($n = 5$)

Records excluded according to selection criteria ($n = 5$)
1. P: Inappropriate ($n = 0$)
2. I: Inappropriate ($n = 0$)
3. C: Inappropriate ($n = 3$)
4. O: Inappropriate ($n = 0$)
5. Not English or Korean ($n = 0$)
6. Duplicated ($n = 0$)
7. Impossible to obtain the original text ($n = 2$)
8. Not human research ($n = 0$)

Included

Studies included for synthesis ($n = 0$)
Records identified through databases searching (n = 589)
- Ovid-MEDLINE (n = 115)
- Ovid-EMBASE (n = 304)
- Cochrane Library (n = 170)
Hand searching (n = 0)

Records after duplicates removed (n = 503)

Records screened (n = 503) → Records excluded by title and abstract screening (n = 500)

Full-text articles assessed for eligibility (n = 3) → Records excluded according to selection criteria (n = 3)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 0)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 2)
7. Impossible to obtain the original text (n = 1)
8. Not human research (n = 0)

Studies included for synthesis (n = 0)

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Search for colonoscopy

Records identified through databases searching (n = 2,668)
- Ovid-MEDLINE (n = 641)
- Ovid-EMBASE (n = 1,506)
- Cochrane Library (n = 548)
Hand searching (n = 3)

Records after duplicates removed (n = 2,239)

Records screened (n = 1,033) → Records excluded by title and abstract screening (n = 1,027)

Full-text articles assessed for eligibility (n = 6) → Records excluded according to selection criteria (n = 1)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 1)
3. C: Inappropriate (n = 0)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 0)
8. Not human research (n = 0)

Studies included for synthesis (n = 5)
Records identified through databases searching (n = 589)
  • Ovid-MEDLINE (n = 115)
  • Ovid-EMBASE (n = 304)
  • Cochrane Library (n = 170)
Hand searching (n = 2)

Search for colonoscopic polypectomy

Records after duplicates removed (n = 503)

Records screened (n = 503)

Records excluded by title and abstract screening (n = 498)

Records excluded according to selection criteria (n = 3)
  1. P: Inappropriate (n = 0)
  2. I: Inappropriate (n = 0)
  3. C: Inappropriate (n = 0)
  4. O: Inappropriate (n = 0)
  5. Not English or Korean (n = 0)
  6. Duplicated (n = 1)
  7. Impossible to obtain the original text (n = 2)
  8. Not human research (n = 0)

Full-text articles assessed for eligibility (n = 5)

Inclusion of studies

Studies included for synthesis (n = 4)

Search for colonoscopy

Records identified through databases searching (n = 2,668)
  • Ovid-MEDLINE (n = 641)
  • Ovid-EMBASE (n = 1,506)
  • Cochrane Library (n = 548)
Hand searching (n = 0)

Records after duplicates removed (n = 2,236)

Records screened (n = 1,030)

Records excluded by title and abstract screening (n = 1,029)

Records excluded according to selection criteria (n = 9)
  1. P: Inappropriate (n = 0)
  2. I: Inappropriate (n = 0)
  3. C: Inappropriate (n = 2)
  4. O: Inappropriate (n = 0)
  5. Not English or Korean (n = 0)
  6. Duplicated (n = 1)
  7. Impossible to obtain the original text (n = 6)
  8. Not human research (n = 0)

Full-text articles assessed for eligibility (n = 11)

Studies included for synthesis (n = 2)
KQ 8

Records identified through databases searching (n = 589)
- Ovid-MEDLINE (n = 115)
- Ovid-EMBASE (n = 304)
- Cochrane Library (n = 170)
Hand searching (n = 0)

Records after duplicates removed (n = 503)

Records screened (n = 503)

Records excluded by title and abstract screening (n = 498)

Records excluded according to selection criteria (n = 3)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 3)
3. C: Inappropriate (n = 0)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 0)
8. Not human research (n = 0)

Full-text articles assessed for eligibility (n = 5)

Studies included for synthesis (n = 2)

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Records identified through databases searching (n = 2,668)
- Ovid-MEDLINE (n = 641)
- Ovid-EMBASE (n = 1,506)
- Cochrane Library (n = 548)
Hand searching (n = 0)

Records after duplicates removed (n = 2,236)

Records screened (n = 1,030)

Records excluded by title and abstract screening (n = 974)

Records excluded according to selection criteria (n = 54)
1. P: Inappropriate (n = 6)
2. I: Inappropriate (n = 5)
3. C: Inappropriate (n = 4)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 42)
8. Not human research (n = 1)

Full-text articles assessed for eligibility (n = 56)

Studies included for synthesis (n = 2)
Records identified through databases searching ($n = 589$)

- Ovid-MEDLINE ($n = 115$)
- Ovid-EMBASE ($n = 304$)
- Cochrane Library ($n = 170$)

Hand searching ($n = 2$)

Records after duplicates removed ($n = 503$)

Records screened ($n = 503$)

Records excluded by title and abstract screening ($n = 464$)

Records excluded according to selection criteria ($n = 34$)
1. P: Inappropriate ($n = 3$)
2. I: Inappropriate ($n = 11$)
3. C: Inappropriate ($n = 1$)
4. O: Inappropriate ($n = 4$)
5. Not English or Korean ($n = 0$)
6. Duplicated ($n = 0$)
7. Impossible to obtain the original text ($n = 15$)
8. Not human research ($n = 0$)

Full-text articles assessed for eligibility ($n = 39$)

Studies included for synthesis ($n = 7$)

Search for colonoscopy polypectomy

Search for colonoscopy

Records identified through databases searching ($n = 2,668$)

- Ovid-MEDLINE ($n = 641$)
- Ovid-EMBASE ($n = 1,506$)
- Cochrane Library ($n = 548$)

Hand searching ($n = 0$)

Records after duplicates removed ($n = 2,236$)

Records screened ($n = 1,030$)

Records excluded by title and abstract screening ($n = 1,008$)

Records excluded according to selection criteria ($n = 21$)
1. P: Inappropriate ($n = 0$)
2. I: Inappropriate ($n = 3$)
3. C: Inappropriate ($n = 1$)
4. O: Inappropriate ($n = 1$)
5. Not English or Korean ($n = 0$)
6. Duplicated ($n = 2$)
7. Impossible to obtain the original text ($n = 14$)
8. Not human research ($n = 0$)

Full-text articles assessed for eligibility ($n = 22$)

Studies included for synthesis ($n = 21$)
KQ 10

Records identified through databases searching (n = 589)
- Ovid-MEDLINE (n = 115)
- Ovid-EMBASE (n = 304)
- Cochrane Library (n = 170)
Hand searching (n = 0)

Records after duplicates removed (n = 503)

Records screened (n = 503)

Records excluded by title and abstract screening (n = 466)

Records excluded according to selection criteria (n = 33)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 26)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 6)
8. Not human research (n = 1)

Full-text articles assessed for eligibility (n = 37)

Studies included for synthesis (n = 4)

Search for colonoscopic polypectomy

Search for colonoscopy

Records identified through databases searching (n = 2,668)
- Ovid-MEDLINE (n = 641)
- Ovid-EMBASE (n = 1,506)
- Cochrane Library (n = 548)
Hand searching (n = 0)

Records after duplicates removed (n = 2,236)

Records screened (n = 1,030)

Records excluded by title and abstract screening (n = 0)

Records excluded according to selection criteria (n = 0)
1. P: Inappropriate (n = 0)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 0)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 0)
6. Duplicated (n = 0)
7. Impossible to obtain the original text (n = 0)
8. Not human research (n = 0)

Full-text articles assessed for eligibility (n = 0)

Studies included for synthesis (n = 0)
KQ 11

Records identified through databases searching (n = 589)
- Ovid-MEDLINE (n = 115)
- Ovid-EMBASE (n = 304)
- Cochrane Library (n = 170)
Hand searching (n = 589)

Records after duplicates removed (n = 503)

Records screened (n = 503)

Records excluded by title and abstract screening (n = 0)

Full-text articles assessed for eligibility (n = 503)

Records excluded according to selection criteria (n = 494)
1. P: Inappropriate (n = 461)
2. I: Inappropriate (n = 0)
3. C: Inappropriate (n = 0)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 2)
6. Duplicated (n = 21)
7. Impossible to obtain the original text (n = 9)
8. Not human research (n = 1)

Studies included for synthesis (n = 9)

Studies included for synthesis (n = 13)

Search for colonoscopy

Identification

Screening

Eligibility

Included

Search for colonoscopic polypectomy

Identification

Screening

Eligibility

Included

Records identified through databases searching (n = 2,668)
- Ovid-MEDLINE (n = 641)
- Ovid-EMBASE (n = 1,506)
- Cochrane Library (n = 548)
Hand searching (n = 2,668)

Records after duplicates removed (n = 2,249)

Records screened (n = 2,249)

Records excluded by title and abstract screening (n = 0)

Full-text articles assessed for eligibility (n = 2,249)

Records excluded according to selection criteria (n = 2,236)
1. P: Inappropriate (n = 1,294)
2. I: Inappropriate (n = 3)
3. C: Inappropriate (n = 1)
4. O: Inappropriate (n = 0)
5. Not English or Korean (n = 1)
6. Duplicated (n = 176)
7. Impossible to obtain the original text (n = 760)
8. Not human research (n = 1)
KQ 12

**Search for colonoscopy**

- Identification
  - Records identified through databases searching \((n = 2,668)\)
    - Ovid-MEDLINE \((n = 641)\)
    - Ovid-EMBASE \((n = 1,506)\)
    - Cochrane Library \((n = 548)\)
  - Hand searching \((n = 2,668)\)

- Screening
  - Records after duplicates removed \((n = 2,249)\)

- Eligibility
  - Records screened \((n = 2,249)\)
    - Records excluded by title and abstract screening \((n = 0)\)

- Included
  - Full-text articles assessed for eligibility \((n = 2,249)\)
  - Records excluded according to selection criteria \((n = 2,236)\)
    1. P: Inappropriate \((n = 1,294)\)
    2. I: Inappropriate \((n = 3)\)
    3. C: Inappropriate \((n = 1)\)
    4. O: Inappropriate \((n = 0)\)
    5. Not English or Korean \((n = 1)\)
    6. Duplicated \((n = 176)\)
    7. Impossible to obtain the original text \((n = 760)\)
    8. Not human research \((n = 1)\)

- Included
  - Studies included for synthesis \((n = 13)\)

**Search for colonoscopic polypectomy**

- Identification
  - Records identified through databases searching \((n = 589)\)
    - Ovid-MEDLINE \((n = 115)\)
    - Ovid-EMBASE \((n = 304)\)
    - Cochrane Library \((n = 170)\)
  - Hand searching \((n = 589)\)

- Screening
  - Records after duplicates removed \((n = 503)\)

- Eligibility
  - Records screened \((n = 503)\)
    - Records excluded by title and abstract screening \((n = 0)\)

- Included
  - Full-text articles assessed for eligibility \((n = 503)\)
  - Records excluded according to selection criteria \((n = 494)\)
    1. P: Inappropriate \((n = 461)\)
    2. I: Inappropriate \((n = 0)\)
    3. C: Inappropriate \((n = 0)\)
    4. O: Inappropriate \((n = 0)\)
    5. Not English or Korean \((n = 2)\)
    6. Duplicated \((n = 21)\)
    7. Impossible to obtain the original text \((n = 9)\)
    8. Not human research \((n = 1)\)

- Included
  - Studies included for synthesis \((n = 9)\)