Key question 1.

- Identified studies from existing CPG (n= 3)
- Records identified through databases searching (n= 53)
  - Ovid-MEDLINE (n= 21)
  - EMBASE (n= 28)
  - KMBASE (n= 0)
  - Cochrane Library (n= 4)
- Hand searching (n= 3)

- Records after duplicates removed (n= 42)

- Records excluded by title and abstract screening (n= 25)

- Records excluded according to selection criteria (n= 12)
  1. P: not targeting the patient of interest specified in key questions (n=6)
  2. I: intervention related to key questions has not been implemented (n=8)
  3. C: comparative arbitration related to key questions has not been conducted (n=1)
  4. O: appropriate outcomes have not been reported (n=0)
  5. not written in English or Korean (n=2)
  6. duplicated (n=1)
  7. Impossible to obtain the original text (n=0)
  8. not a human subject (n=0)

- Records screened (n= 42)

- Full-text articles assessed for eligibility (n= 17)

- Studies included for synthesis (n= 5)
Identified studies from existing CPG - 2013, 2014 (n=1)
Records identified through databases searching (n= 98)
  • Ovid-MEDLINE (n= 35)
  • EMBASE (n= 56)
  • KMBASE (n= 0)
  • Cochrane Library (n= 7)
Hand searching (n= 1)

Records after duplicates removed (n= 68)

Records screened (n= 68)

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

Studies included for synthesis (n= 2)

Records excluded by title and abstract screening (n= 54)
Records excluded according to selection criteria (n= 12)
1. P: not targeting the patient of interest specified in key questions (n=1)
2. I: Intervention related to key questions has not been implemented (n=6)
3. C: comparative arbitration related to key questions has not been conducted (n=1)
4. O: appropriate outcomes have not been reported (n=4)
5. not written in English or Korean (n=0)
6. duplicated (n=0)
7. impossible to obtain the original text (n=0)
8. not a human subject (n=0)
Key question 3.

**Identification**

- Searching for existing CPG 2000 - (n=0)
- Records identified through databases searching (n=162)
  - Ovid-MEDLINE (n=66)
  - EMBASE (n=80)
  - KMBASE (n=1)
  - Cochrane Library (n=15)
- Hand searching (n=0)

**Screening**

- Records after duplicates removed (n=104)
- Records screened (n=104)
- Records excluded by title and abstract screening (n=75)

**Eligibility**

- Full-text articles assessed for eligibility (n=29)
- Records excluded narrative review article (n=23)
- Records excluded according to selection criteria (n=4)
  1. P: not targeting the patient of interest specified in key questions (n=4)
  2. I: intervention related to key questions has not been implemented (n=0)
  3. C: comparative arbitration related to key questions has not been conducted (n=2)
  4. O: appropriate outcomes have not been reported (n=0)
  5. not written in English or Korean (n=2)
  6. duplicated (n=0)
  7. impossible to obtain the original text (n=0)
  8. not a human subject (n=0)

**Included**

- Studies included for synthesis (n=2)
Key question 4.

Searching for existing CPG - 2014 (n=14)
Records identified through databases searching (n=236)
- Ovid-MEDLINE (n=81)
- EMBASE (n=110)
- KMBASE (n=0)
- Cochrane Library (n=36)
  Hand searching (n=27)

Records after duplicates removed (n=184)

Records screened (n=184)

Records excluded by title and abstract screening (n=157)

Full-text articles assessed for eligibility (n=27)

Records excluded according to selection criteria (n=24)
1. P: not targeting the patient of interest specified in key questions (n=19)
2. I: intervention related to key questions has not been implemented (n=3)
3. C: comparative arbitration related to key questions has not been conducted (n=1)
4. O: appropriate outcomes have not been reported (n=0)
5. Not written in English or Korean (n=0)
6. Duplicated (n=0)
7. Impossible to obtain the original text (n=1)
8. not a human subject (n=0)

Studies included for synthesis (n=3)
Key question 5.

Identified studies from existing CPG - 2014 (n=14)
Records identified through databases searching (n=127)
  - Ovid-MEDLINE (n=61)
  - EMBASE (n=30)
  - KMBASE (n=0)
  - Cochrane Library (n=36)
  - Hand searching (n=16)

Records after duplicates removed (n=140)

Records screened (n=139)

Records excluded by title and abstract screening (n=92)

Records excluded according to selection criteria (n=38)
  1. P: not targeting the patient of interest specified in key questions (n=10)
  2. I: intervention related to key questions has not been implemented (n=27)
  3. C: comparative arbitration related to key questions has not been conducted (n=1)
  4. O: appropriate outcomes have not been reported (n=0)
  5. Not written in English or Korean (n=0)
  6. Duplicated (n=0)
  7. Impossible to obtain the original text (n=0)
  8. not a human subject (n=0)

Full-text articles assessed for eligibility (n=47)

Studies included for synthesis (n=9)
Key question 6.

Identification

- Identified studies from existing CPG (n = 21)
- Records identified through databases searching (n = 630)
  - Ovid-MEDLINE (n = 296)
  - EMBASE (n = 272)
  - KMBASE (n = 0)
  - Cochrane Library (n = 62)

  Hand searching (n = 9)

Screening

- Records after duplicates removed (n = 503)

Records screened (n = 503)

Eligibility

- Full-text articles assessed for eligibility (n = 42)

Included

- Studies included for synthesis (n = 12)

Records excluded by title and abstract screening (n = 461)

Records excluded according to selection criteria (n = 30)

1. P: not targeting the patient of interest specified in key questions (n = 1)
2. I: intervention related to key questions has not been implemented (n = 17)
3. C: comparative arbitration related to key questions has not been conducted (n = 2)
4. O: appropriate outcomes have not been reported (n = 4)
5. Not written in English or Korean (n = 0)
6. Duplicated (n = 5)
7. Impossible to obtain the original text (n = 1)
8. not a human subject (n = 0)
Key question 7.

**Identification**
- Searching for existing CPG - 2014 (n=5)
- Records identified through databases searching (n=286)
  - Ovid-MEDLINE (n=116)
  - EMBASE (n=136)
  - KMBASE (n=17)
  - Cochrane Library (n=17)
  - Hand searching (n=8)

**Screening**
- Records after duplicates removed (n=216)
- Records screened (n=4+8+203 = 215)

**Eligibility**
- Full-text articles assessed for eligibility (n=16)

**Included**
- Studies included for synthesis (n=3)

**Records excluded by title and abstract screening (n=199)**
- Records excluded according to selection criteria (n=13)
  1. P: not targeting the patient of interest specified in key questions (n=1)
  2. I: intervention related to key questions has not been implemented (n=6)
  3. C: comparative or arbitration related to key questions has not been conducted (n=4)
  4. O: appropriate outcomes have not been reported (n=0)
  5. Not written in English or Korean (n=2)
  6. Duplicated (n=0)
  7. Impossible to obtain the original text (n=0)
  8. not a human subject (n=0)
Key question 8.

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| Records screened (n=75) |

| Eligibility   | Full-text articles assessed for eligibility (n=13) |

| Included      | Studies included for synthesis (n=0)               |

| Records excluded by title and abstract screening (n=62) |

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<td>3. C: comparative arbitration related to key questions has not been conducted (n=2)</td>
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<td>4. O: appropriate outcomes have not been reported (n=0)</td>
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<td>5. Not written in English or Korean (n=0)</td>
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<td>6. Duplicated (n=0)</td>
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<tr>
<td>7. Impossible to obtain the original text (n=0)</td>
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<tr>
<td>8. not a human subject (n=0)</td>
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Key question 9.

Identification
Searching for existing CPG-2015, 2018 (n=19)
Records identified through databases searching (n= 281)
- Ovid-MEDLINE (n= 179)
- EMBASE (n= 87 )
- KMBASE (n= 0)
- Cochrane Library (n= 15 )
Hand searching (n=1)

Screening
Records after duplicates removed (n= 297)

Records screened (n=290)

Records excluded by title and abstract screening (n=233)

Eligibility
Full-text articles assessed for eligibility (n=57)

Records excluded according to selection criteria (n= 30)
1. P: not targeting the patient of interest specified in key questions (n=0)
2. I: intervention related to key questions has not been implemented (n=6)
3. C: comparative arbitration related to key questions has not been conducted (n=12)
4. O: appropriate outcomes have not been reported (n=8)
5. Not written in English or Korean (n=4)
6. Duplicated (n=0)
7. Impossible to obtain the original text (n=0)
8. not a human subject (n=0)

Included
Studies included for synthesis (n=27)