

KQ1

Systematic Identification of New Studies Using Databases and Registries

Identification of New Studies through Alternative Methods

Identification

Records Identified through Systematic Searches : 795
Ovid-Medline (n=237)
Embase (n=391)
Cochrane (n=166)
KoreaMed (n=1)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=246)

Number of Other Identified Records: 0
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=549)

Number of Excluded Records (n=532)

Number of Selected Literature (n=17)

Number of Publications Not Available in Full Text (n=7)

Number of Selected Literature (n=0)

Number of Selected Literature with Full Text Access (n=10)

Total of Excluded Publications:
Not Relevant (n=25)
No relevant intervention (n=107)
Inappropriate Control Group (n=7)
Lack of Reported Outcome Measures (n=14)
Not the Intended Study Design (n=43)
Not the original article (n=332)
Not in English or Korean (n=4)

Number of Selected Literature with Full Text Access (n=0)

Inclusion

Number of Studies Included (n=4)
Count of Literature Included (n=4)

Supplement Fig. 1. Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) flowchart for each key question (KQ).

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Records Identified through Systematic Searches : 571
Ovid-Medline (n=225)
Embase (n=281)
Cochrane (n=58)
KoreaMed (n=7)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=65)

Number of Other Identified Records: 0
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=506)

Number of Excluded Records (n=498)

Number of Selected Literature (n=0)

Number of Selected Literature (n=8)

Number of Publications Not Available in Full Text (n=0)

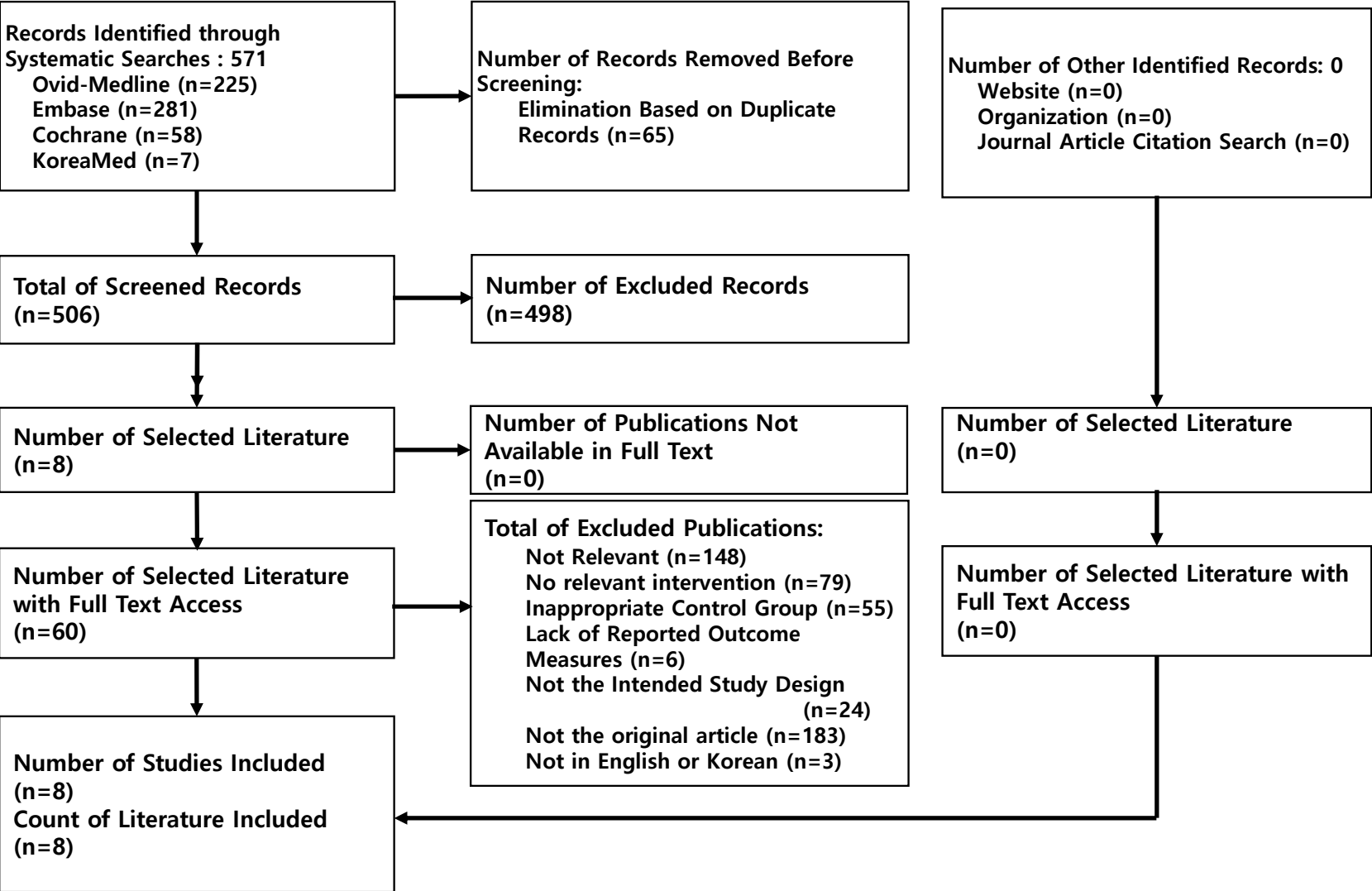
Number of Selected Literature with Full Text Access (n=0)

Number of Selected Literature with Full Text Access (n=60)

Total of Excluded Publications:
Not Relevant (n=148)
No relevant intervention (n=79)
Inappropriate Control Group (n=55)
Lack of Reported Outcome Measures (n=6)
Not the Intended Study Design (n=24)
Not the original article (n=183)
Not in English or Korean (n=3)

Inclusion

Number of Studies Included (n=8)
Count of Literature Included (n=8)



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Records Identified through Systematic Searches : 2,764
Ovid-Medline (n=538)
Embase (n=1,486)
Cochrane (n=730)
KoreaMed (n=10)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=639)

Number of Other Identified Records: 22
Website (n=1)
Organization (n=0)
Journal Article Citation Search (n=21)

Screening

Total of Screened Records (n=2,126)

Number of Excluded Records (n=2,115)

Number of Selected Literature (n=15)

Number of Selected Literature (n=11)

Number of Publications Not Available in Full Text (n=0)

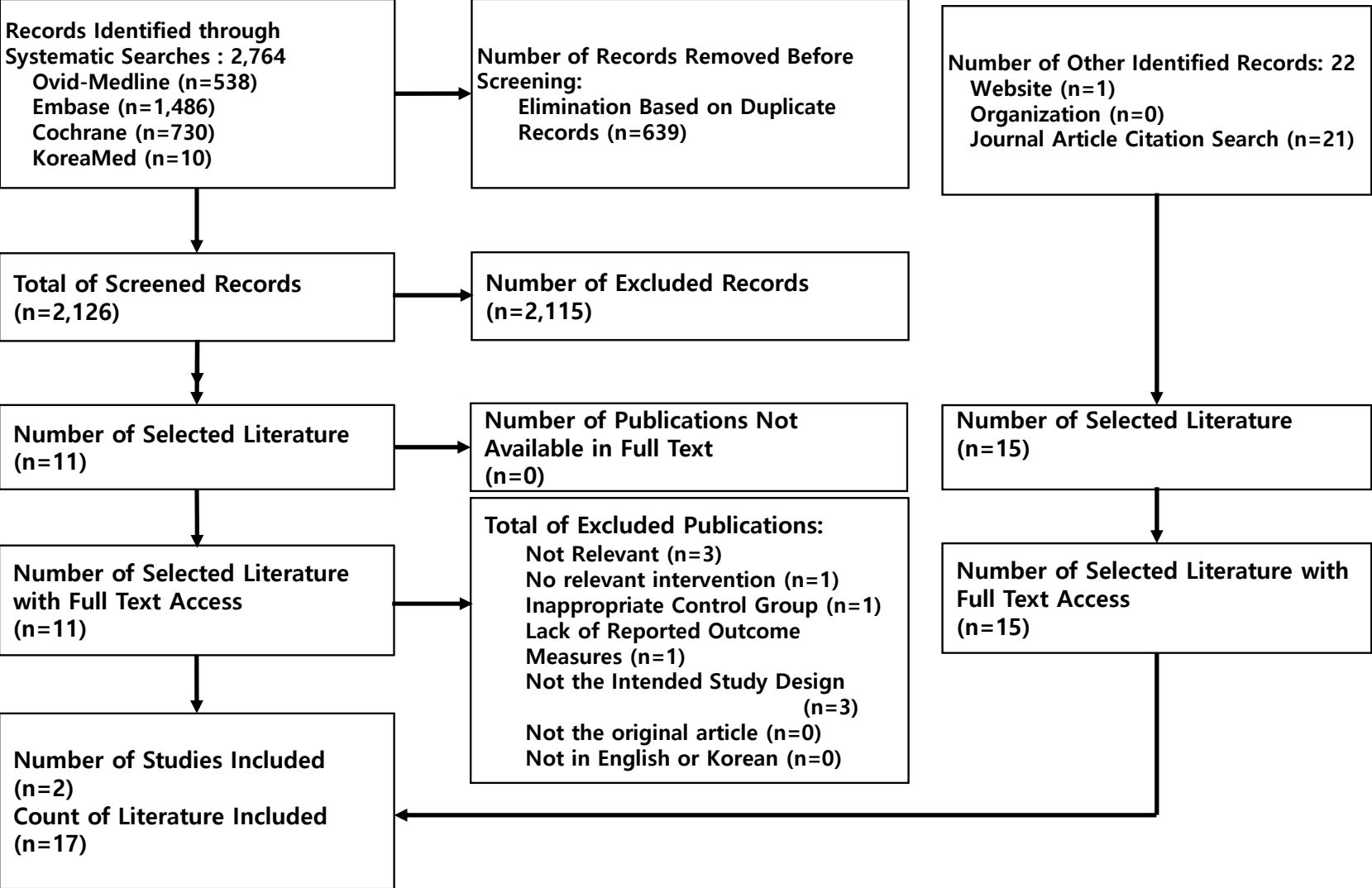
Number of Selected Literature with Full Text Access (n=15)

Number of Selected Literature with Full Text Access (n=11)

Total of Excluded Publications:
Not Relevant (n=3)
No relevant intervention (n=1)
Inappropriate Control Group (n=1)
Lack of Reported Outcome Measures (n=1)
Not the Intended Study Design (n=3)
Not the original article (n=0)
Not in English or Korean (n=0)

Inclusion

Number of Studies Included (n=2)
Count of Literature Included (n=17)



Systematic Identification of New Studies Using Databases and Registries

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Records Identified through Systematic Searches : 602
Ovid-Medline (n=256)
Embase (n=343)
Cochrane (n=2)
KoreaMed (n=1)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=214)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=388)

Number of Excluded Records (n=366)

Number of Selected Literature (n=0)

Number of Selected Literature (n=22)

Number of Publications Not Available in Full Text (n=12)

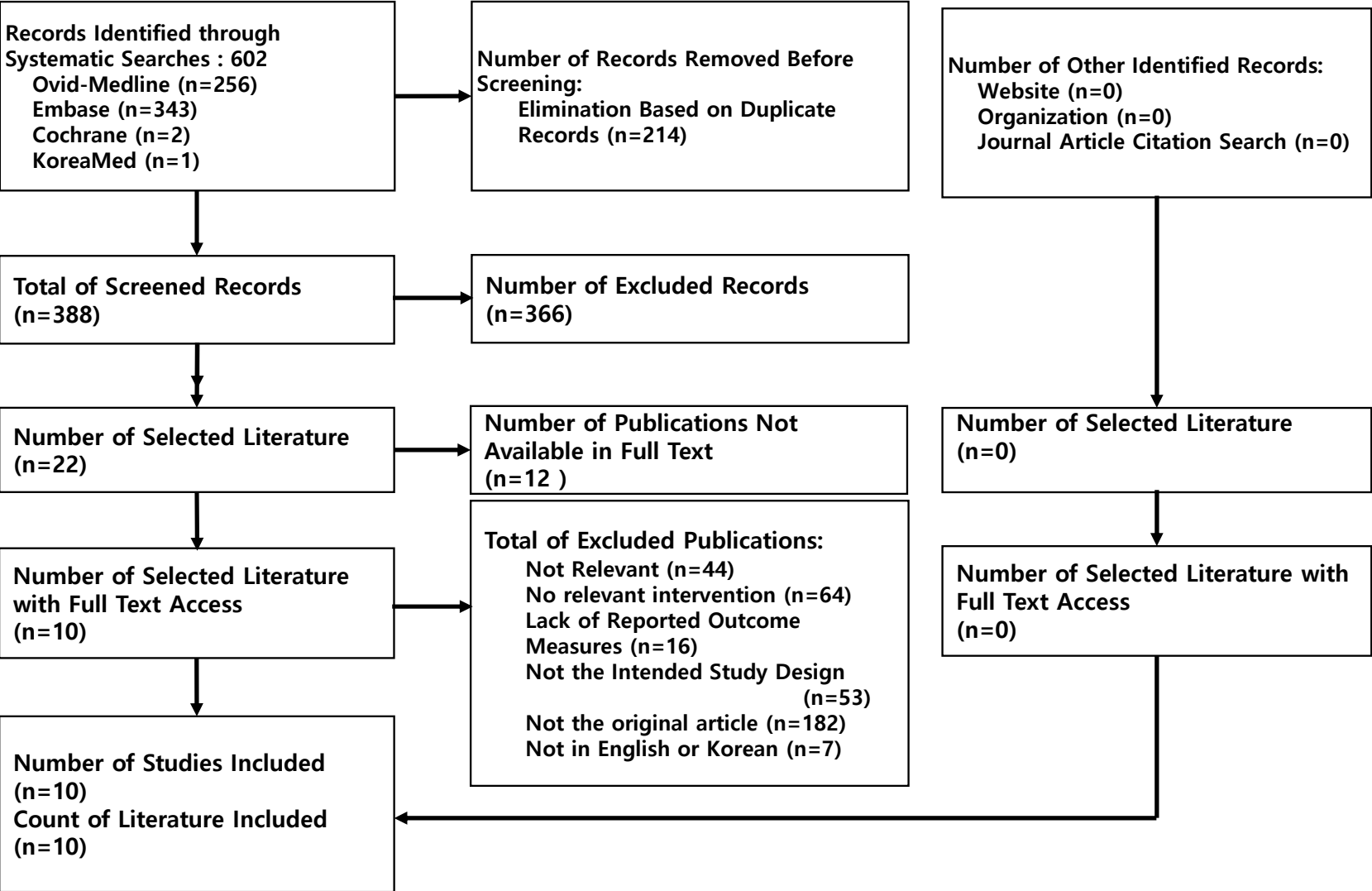
Number of Selected Literature with Full Text Access (n=0)

Number of Selected Literature with Full Text Access (n=10)

Total of Excluded Publications:
Not Relevant (n=44)
No relevant intervention (n=64)
Lack of Reported Outcome Measures (n=16)
Not the Intended Study Design (n=53)
Not the original article (n=182)
Not in English or Korean (n=7)

Inclusion

Number of Studies Included (n=10)
Count of Literature Included (n=10)



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Records Identified through Systematic Searches : 34
Ovid-Medline (n=34)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=0)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=10)

Screening

Total of Screened Records (n=34)

Number of Excluded Records (n=33)

Number of Selected Literature (n=1)

Number of Publications Not Available in Full Text (n=0)

Number of Selected Literature (n=10)

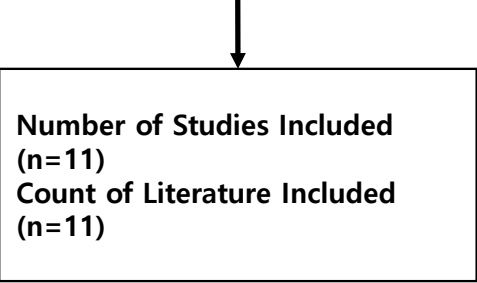
Number of Selected Literature with Full Text Access (n=1)

Total of Excluded Publications:
Not Relevant (n=23)
No relevant intervention (n=8)
Inappropriate Control Group (n=1)
Lack of Reported Outcome Measures (n=0)
Not the Intended Study Design (n=1)
Not the original article (n=0)
Not in English or Korean (n=0)

Number of Selected Literature with Full Text Access (n=10)

Inclusion

Number of Studies Included (n=11)
Count of Literature Included (n=11)



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Records Identified through Systematic Searches : 21
Ovid-Medline (n=21)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=0)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=14)

Screening

Total of Screened Records (n=21)

Number of Excluded Records (n=20)

Number of Selected Literature (n=1)

Number of Publications Not Available in Full Text (n=0)

Number of Selected Literature (n=14)

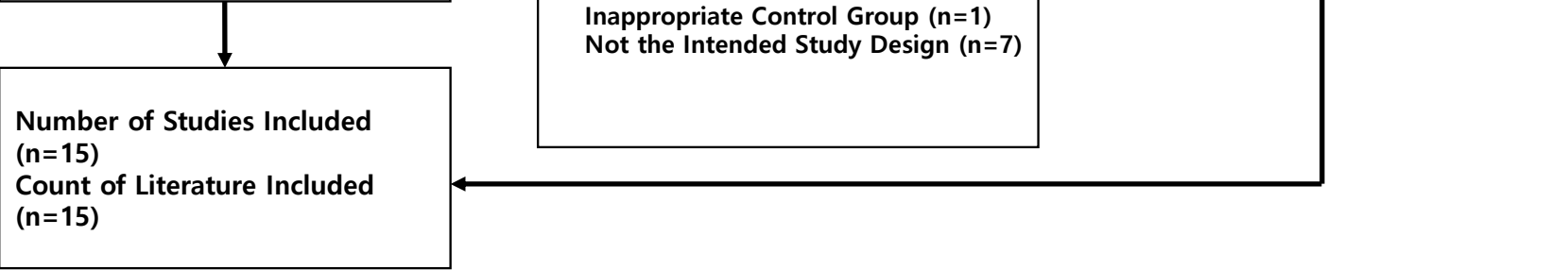
Number of Selected Literature with Full Text Access (n=1)

Total of Excluded Publications:
Not Relevant (n=10)
No relevant intervention (n=2)
Inappropriate Control Group (n=1)
Not the Intended Study Design (n=7)

Number of Selected Literature with Full Text Access (n=14)

Inclusion

Number of Studies Included (n=15)
Count of Literature Included (n=15)



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Records Identified through Systematic Searches : 485
Pubmed (n=474)
KoreaMed (n=11)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=1)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=484)

Number of Excluded Records (n=478)

Number of Selected Literature (n=0)

Number of Selected Literature (n=6)

Number of Publications Not Available in Full Text (n=0)

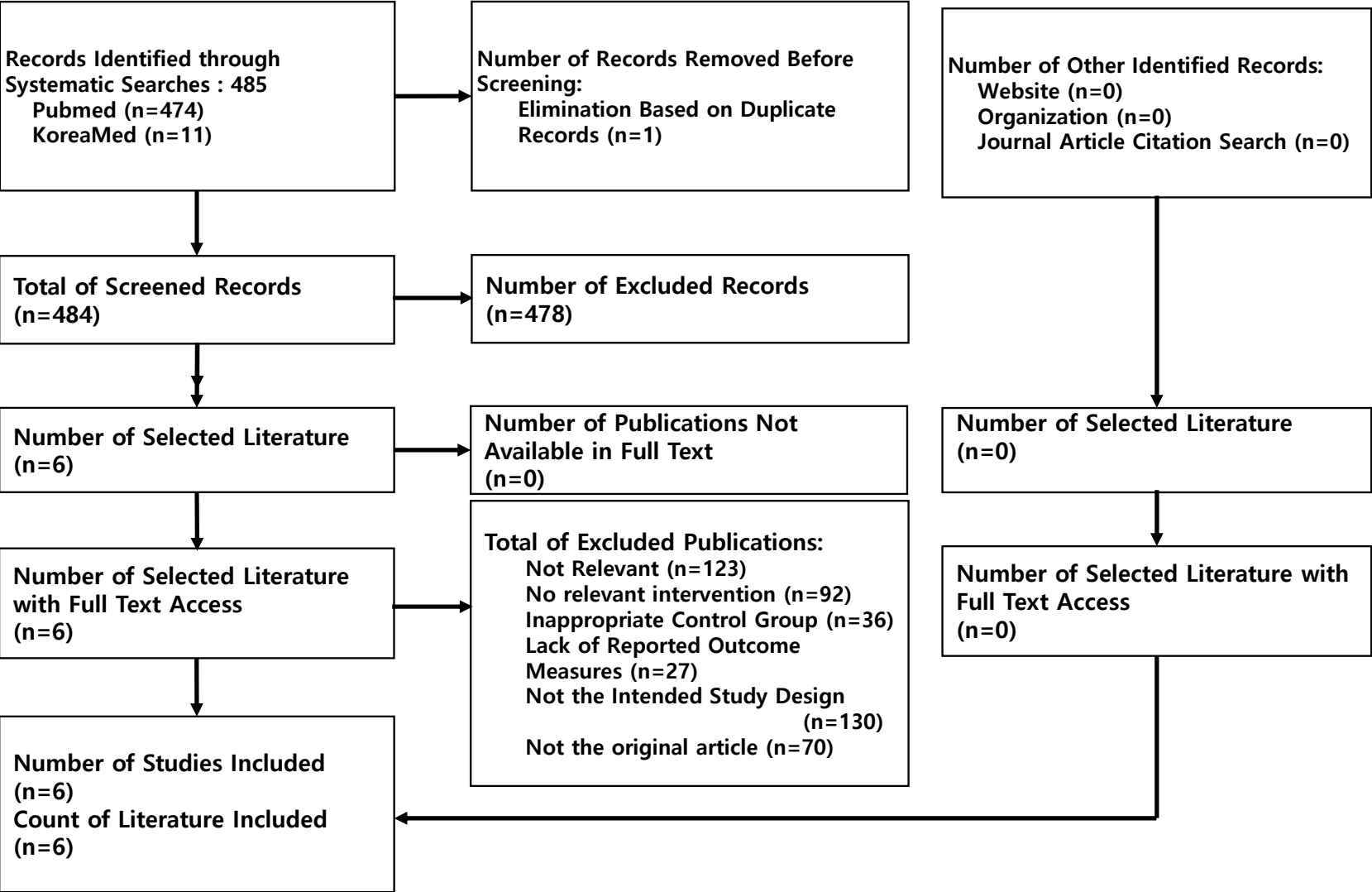
Number of Selected Literature with Full Text Access (n=0)

Number of Selected Literature with Full Text Access (n=6)

Total of Excluded Publications:
Not Relevant (n=123)
No relevant intervention (n=92)
Inappropriate Control Group (n=36)
Lack of Reported Outcome Measures (n=27)
Not the Intended Study Design (n=130)
Not the original article (n=70)

Inclusion

Number of Studies Included (n=6)
Count of Literature Included (n=6)



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Records Identified through Systematic Searches : 1,407
Ovid-Medline (n=402)
Embase (n=804)
Cochrane (n=178)
KoreaMed (n=23)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=300)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=1,107)

Number of Excluded Records (n=1,101)

Number of Selected Literature (n=0)

Number of Selected Literature (n=6)

Number of Publications Not Available in Full Text (n=1)

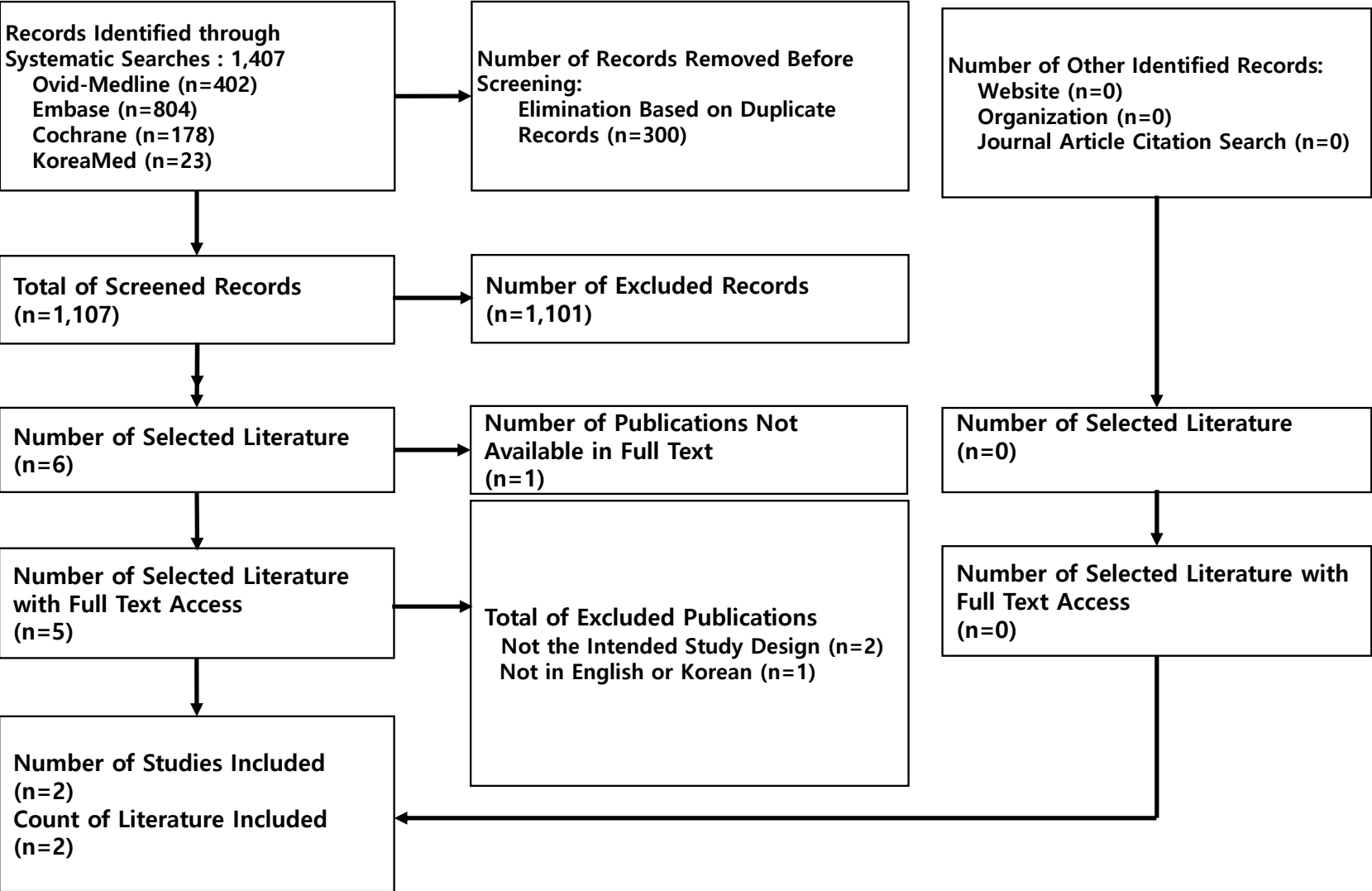
Number of Selected Literature with Full Text Access (n=0)

Number of Selected Literature with Full Text Access (n=5)

Total of Excluded Publications
Not the Intended Study Design (n=2)
Not in English or Korean (n=1)

Inclusion

Number of Studies Included (n=2)
Count of Literature Included (n=2)



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Records Identified through Systematic Searches : 138
Ovid-Medline (n=138)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=18)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=11)

Screening

Total of Screened Records (n=120)

Number of Excluded Records (n=114)

Number of Selected Literature (n=11)

Number of Selected Literature (n=6)

Number of Publications Not Available in Full Text (n=0)

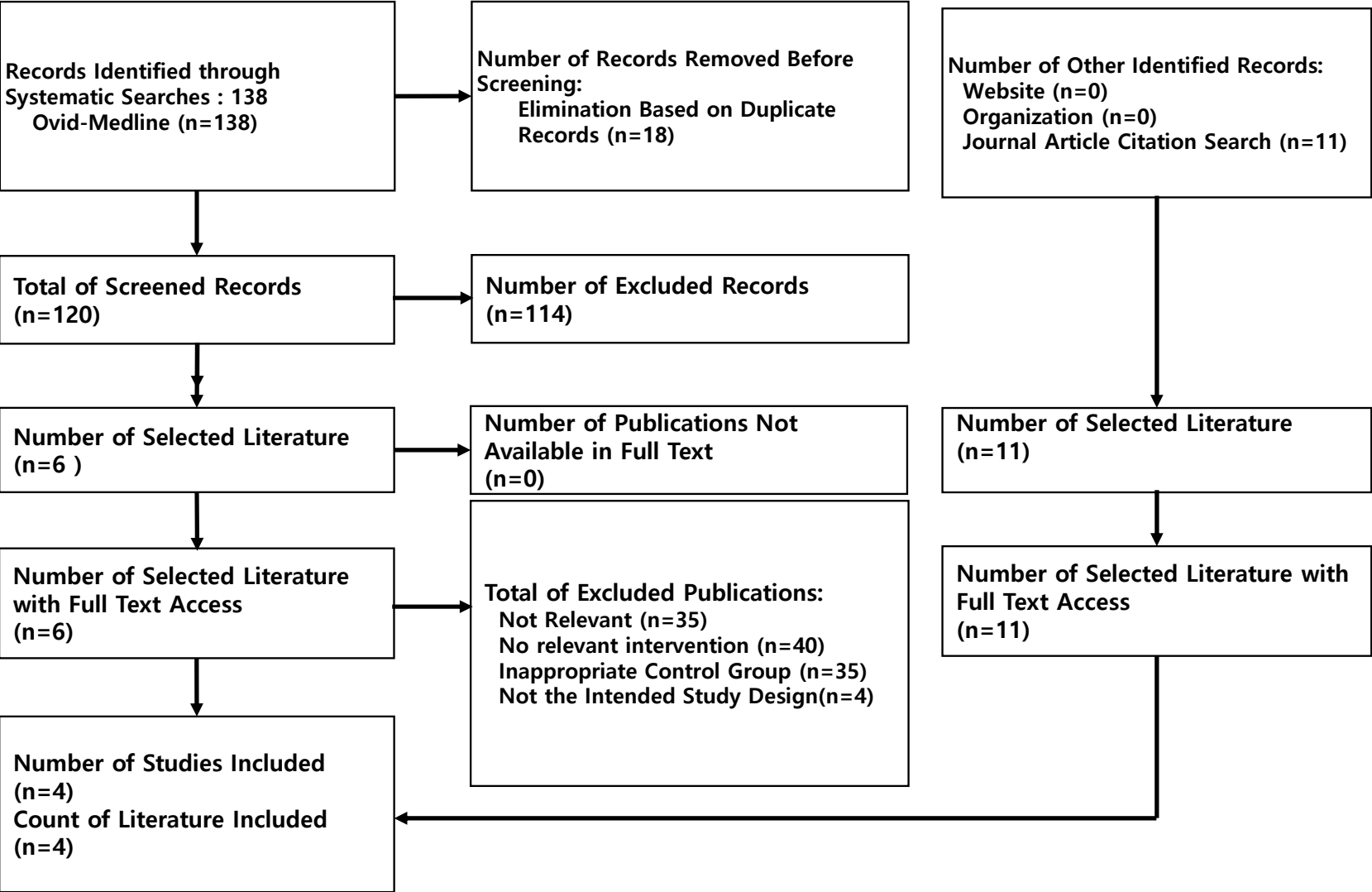
Number of Selected Literature with Full Text Access (n=11)

Number of Selected Literature with Full Text Access (n=6)

Total of Excluded Publications:
Not Relevant (n=35)
No relevant intervention (n=40)
Inappropriate Control Group (n=35)
Not the Intended Study Design(n=4)

Inclusion

Number of Studies Included (n=4)
Count of Literature Included (n=4)



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Records Identified through Systematic Searches : 252
Ovid-Medline (n=27)
Embase (n=197)
Cochrane (n=28)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=33)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=219)

Number of Excluded Records (n=217)

Number of Selected Literature (n=2)

Number of Publications Not Available in Full Text (n=0)

Number of Selected Literature (n=0)

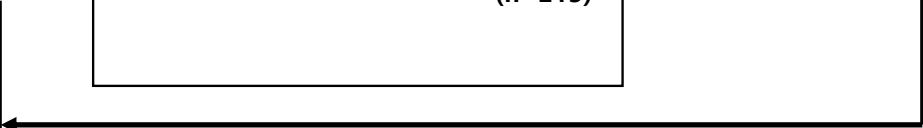
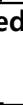
Number of Selected Literature with Full Text Access (n=2)

Total of Excluded Publications:
Inappropriate Control Group (n=2)
Lack of Reported Outcome Measures (n=2)
Not the Intended Study Design (n=213)

Number of Selected Literature with Full Text Access (n=0)

Inclusion

Number of Studies Included (n=2)
Count of Literature Included (n=2)



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Records Identified through Systematic Searches : 600
Ovid-Medline (n=123)
Embase (n=1,008)
Cochrane (n=353)
KoreaMed (n=49)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=164)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=1,369)

Number of Excluded Records (n=1,284)

Number of Selected Literature (n=85)

Number of Publications Not Available in Full Text (n=25)

Number of Selected Literature (n=0)

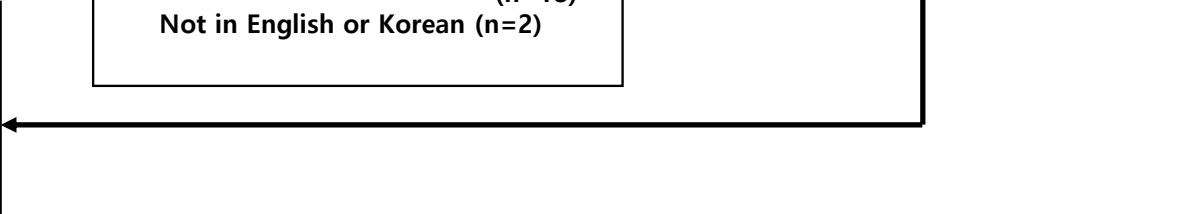
Number of Selected Literature with Full Text Access (n=60)

Total of Excluded Publications:
No relevant intervention (n=30)
Inappropriate Control Group (n=4)
Lack of Reported Outcome Measures (n=2)
Not the Intended Study Design (n=18)
Not in English or Korean (n=2)

Number of Selected Literature with Full Text Access (n=0)

Inclusion

Number of Studies Included (n=4)
Count of Literature Included (n=4)



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Records Identified through Systematic Searches : 600
Ovid-Medline (n=234)
Embase (n=267)
Cochrane (n=78)
KoreaMed (n=19)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=74)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=526)

Number of Excluded Records (n=395)
Not the Intended Study Design (n=133)
Not in English or Korean (n=256)
Not the original article (n=6)

Number of Selected Literature (n=0)

Number of Selected Literature (n=131)

Number of Publications Not Available in Full Text (n=0)

Number of Selected Literature with Full Text Access (n=131)

Number of Excluded Publications (n=118)
Not Relevant (n=43)
No relevant intervention (n=67)
Inappropriate Control Group (n=6)
Lack of Reported Outcome Measures (n=2)

Number of Selected Literature with Full Text Access (n=0)

Inclusion

Number of Studies Included (n=13)
Count of Literature Included (n=13)



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Records Identified through Systematic Searches : 1,711
Ovid-Medline (n=455)
Embase (n=959)
Cochrane (n=285)
KoreaMed (n=12)

Number of Records Removed Before Screening:
Elimination Based on Duplicate Records (n=557)

Number of Other Identified Records:
Website (n=0)
Organization (n=0)
Journal Article Citation Search (n=0)

Screening

Total of Screened Records (n=1,154)

Number of Excluded Records (n=1,152)

Number of Selected Literature (n=0)

Number of Selected Literature (n=2)

Number of Publications Not Available in Full Text (n=0)

Number of Selected Literature with Full Text Access (n=2)

Total of Excluded Publications:
Not Relevant (n=744)
No relevant intervention (n=232)
Lack of Reported Outcome Measures (n=1)
Not the Intended Study Design (n=133)
Not the original article (n=34)
Not in English or Korean (n=8)

Number of Selected Literature with Full Text Access (n=0)

Inclusion

Number of Studies Included (n=2)
Count of Literature Included (n=2)

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