Search Flow Chart Template

Systematic Reviews: all KQs

<table>
<thead>
<tr>
<th>Initial Return</th>
<th>Sifted results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1512</td>
<td>153</td>
</tr>
</tbody>
</table>

RCTs: KQs 2,4,6

<table>
<thead>
<tr>
<th>Initial Return</th>
<th>Sifted results</th>
</tr>
</thead>
<tbody>
<tr>
<td>9065</td>
<td>121</td>
</tr>
</tbody>
</table>

Diagnostic studies: KQs 1,3,5

<table>
<thead>
<tr>
<th>Initial Return</th>
<th>Sifted results</th>
</tr>
</thead>
<tbody>
<tr>
<td>3042</td>
<td>136</td>
</tr>
</tbody>
</table>
KQ 1a - How should uncomplicated lower UTI be diagnosed in women under 65 years? (Clinical assessment)

Systematic reviews from sifted results = 4

SRs Selected by group = 4

Additional searching for observational studies. Initial return = 136
Sifted results = 16

10 Observational studies excluded by group for irrelevance

Observational studies Selected by group = 6

2 studies excluded for relevance
2 studies rejected as included in reviews
1 duplicate

Evidence Table
3 SRs + 1 guideline + 1 Obs
KQ 1b - How should uncomplicated lower UTI be diagnosed in women under 65 years? (Urinary symptoms)

Systematic reviews from sifted results = 7

SRs Selected by group = 4

Additional searching for observational studies. Initial return = 136 Sifted results = 25

21 Observational studies excluded by group for irrelevance

Observational studies Selected by group = 4

1 study excluded for relevance
1 study rejected as included in reviews
1 wrong study type

Evidence Table
3 SRs + 1 guideline + 1 Obs
KQ 1c - How should uncomplicated lower UTI be diagnosed in women under 65 years? (Dipstick testing)

- Systematic reviews from sifted results = 8
  - SRs Selected by group = 3
    - Additional searching for observational studies. Initial return = 136 Sifted results = 57
      - 48 Observational studies excluded by group for irrelevance
    - Observational studies Selected by group = 9
      - 5 studies excluded for relevance
        - 1 study rejected as included in reviews
        - 1 wrong study type
        - 1 conference abstract
      - Evidence Table
        - 2 SRs + 1 guideline + 1 HTA
KQ 2a - How should uncomplicated lower UTI be managed in women under 65 years? (Self care)

Systematic reviews from sifted results = 1

SRs Selected by group = 1

Additional searching for RCTs studies.
Initial return = 121
Sifted results = 3

Additional searching for observational studies
Initial return = 3499
Sifted results = 100

10 RCTs/Reviews/Guidelines studies added by group from other questions

95 observational studies rejected by the group for relevance

2 RCTs rejected for wrong study type
1 obs study rejected as not available

Evidence Table
1 SR + 1 guideline + 6 RCTs + 3 General Reviews + 4 observational
KQ 2b - How should uncomplicated lower UTI be managed in women under 65 years?
(Antibiotics)

- Systematic reviews from sifted results = 58
  - 19 SRs/guidelines excluded by group for irrelevance
  - 3 SRs excluded for poor methodological quality
  - 14 SRs not relevant
  - 2 low-level evidence
  - 4 wrong study type
  - 2 superseded

- SRs/guidelines Selected by group = 14

- Additional searching for RCTs / observational studies.
  - Initial return = 9065
  - Sifted results = 53
  - 36 RCTs/ Observational studies excluded by group for irrelevance
  - 2 RCTs studies excluded for poor methodological quality
  - 2 excluded as not available/non-English

- RCTs/ observational studies Selected by group = 17

- Evidence Table
  - 11 SRs + 3 guidelines + 13 RCTs
KQ 2c - How should uncomplicated lower UTI be managed in women under 65 years? (Non-antibiotics)

Systematic reviews / Guidelines from sifted results = 22

SRs/Guidelines Selected by group = 7

Additional searching for RCTs studies. Initial return = 9065 Sifted results = 31

RCTs/ observational studies Selected by group = 14

Evidence Table
6 SRs + 1 Guideline + 10 RCTs

1 SRs excluded for poor methodological quality
4 SRs excluded as not relevant
4 SRs excluded as wrong study type
4 SRs superseded
1 SR no included studies
1 SR conference abstract

17 RCTs studies excluded by group for irrelevance

3 RCTs studies excluded for lack or relevance
1 RCT excluded as already included in review
KQ 2d - How should uncomplicated lower UTI be managed in women under 65 years? (Delayed treatment)

Systematic reviews from sifted results = 2

1 SR excluded by group for irrelevance

SRs Selected by group = 0

1 SR excluded for wrong study type

Additional searching for RCTs studies.
Initial return = 9065
Sifted results = 3

RCT studies Selected by group = 3

2 RCT studies excluded for poor methodological quality
1 RCT excluded as already included in review

Evidence Table
1 RCT
KQ 3a - How should uncomplicated lower UTI be diagnosed in women ≥65 years? (Clinical assessment)

1. Systematic reviews from sifted results = 3
   - 1 SR excluded by group for irrelevance

2. SRs Selected by group = 1
   - 1 SR excluded for wrong study type

3. Additional searching for observational studies.
   - Initial return = 136
   - Sifted results = 3

4. RCTs/ observational studies
   - Selected by group = 3

5. Evidence Table
   - 1 SR + 3 Observational
KQ 3b - How should uncomplicated lower UTI be diagnosed in women ≥65 years? (Urinary symptoms)

Systematic reviews from sifted results = 2

SRs Selected by group = 1

1 SR excluded for wrong study type

Additional searching for observational studies. Initial return = 136 Sifted results = 3

1 Observational studies excluded by group for irrelevance

RCTs/ observational studies
Selected by group = 2

Evidence Table
1 Guideline + 2 Observational
KQ 3c - How should uncomplicated lower UTI be diagnosed in women ≥65 years? (Non-specific symptoms)

Systematic reviews from sifted results = 2

SRs Selected by group = 2

Additional searching for observational studies. Initial return = 136 Sifted results = 1

Observational studies Selected by group = 1

Evidence Table
1 SR + 1 Observational

1 SR excluded for wrong study type

? RCTs/ observational studies excluded for poor methodological quality
KQ 4a - How should uncomplicated lower UTI be managed in women ≥65 years? (Self care)
KQ 4b - How should uncomplicated lower UTI be managed in women ≥65 years? (Antibiotics)

Systematic reviews from sifted results = 25

SRs Selected by group = 5

Additional searching for RCTs / observational studies. Initial return = 121 Sifted results = 6

RCTs studies Selected by group = 3

Evidence Table
3 SRs + 2 guidelines + 3 RCTs
KQ 4c - How should uncomplicated lower UTI be managed in women ≥65 years? (Non-antibiotics)

- Systematic reviews from sifted results = 7
  - 1 SR excluded for poor methodological quality
  - 1 SR wrong study type
  - 1 SR excluded for relevance
  - 1 SR superseded

- SRs Selected by group = 7

- Additional searching for RCTs / observational studies.
  Initial return = 121
  Sifted results = 4
  - 2 RCTs excluded by group for irrelevance

- RCTs/ observational studies Selected by group = 4
  - 1 RCT excluded for poor methodological quality
  - 1 RCT excluded for relevance

- Evidence Table
  2 SRs + 1 guideline + 2 RCTs
KQ 4d - How should uncomplicated lower UTI be managed in women ≥65 years? (Delayed treatment)

No evidence identified

KQ 5a - How should catheter-associated lower UTI be diagnosed in women? (Clinical assessment)

- Systematic reviews from sifted results = 0
  - SRs Selected by group = 0
  - Additional searching for observational studies. Initial return = 136 Sifted results = 14
    - 10 Observational studies excluded by group for irrelevance
  - Observational studies Selected by group = 4
    - Evidence Table
      - 4 Observational
KQ 5b - How should catheter-associated lower UTI be diagnosed in women? 
(Urinary symptoms)

No evidence Identified

KQ 5c - How should catheter-associated lower UTI be diagnosed in women? 
(Non-specific symptoms)

No evidence identified
KQ 6a - How should catheter-associated lower UTI be managed in women? 
(Self care)

Systematic reviews from sifted results = 0

SRs Selected by group = 0

Additional searching for RCTs / observational studies.
Initial return = 121
Sifted results = 2

1 RCT excluded by group for irrelevance

RCTs/ observational studies 
Selected by group = 1

Evidence Table
1 RCT
KQ 6b - How should catheter-associated lower UTI be managed in women? (Antibiotics)

Systematic reviews from sifted results = 2

1 SR excluded by group for irrelevance

SRs Selected by group = 1

Additional searching for RCTs.
Initial return = 121
Sifted results = 3

RCTs selected by group = 2

1 RCT excluded for relevance

Evidence Table
1 guideline + 1 RCT
KQ 6c - How should catheter-associated lower UTI be managed in women? (Non-antibiotics)

Systematic reviews from sifted results = 4 → 3 SRs excluded by group for irrelevance

SRs Selected by group = 1

Additional searching for RCTs / observational studies. Initial return = 121 Sifted results = 18 → 16 RCTs/ Observational studies excluded by group for irrelevance

RCTs/ observational studies Selected by group = 2 → 1 RCT/ observational study excluded for relevance

Evidence Table
1 guideline + 1 Observational
KQ 6d - How should catheter-associated lower UTI be managed in women?
(Delayed treatment)

No evidence identified