Depression in adults: treatment and management

Appendix K: Clinical evidence flow charts

Clinical Guideline <…>

Methods, evidence and recommendations

18 July 2017

Draft for Consultation

Developed by the National Guideline Alliance, hosted by the Royal College of Obstetricians and Gynaecologists
Disclaimer
Healthcare professionals are expected to take NICE clinical guidelines fully into account when exercising their clinical judgement. However, the guidance does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of each patient, in consultation with the patient and/or their guardian or carer.

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Appendix K: Clinical evidence flow charts

K.1 Organisation and service delivery

K.1.1 Service delivery

- Existing systematic review identified as a source of papers (Coventry 2014): 78 RCTs
- Other sources:
  - Update searches for this guideline: 45 RCTs
  - Previous guidelines: 12 RCTs
  - Handsearch: 6 RCTs and 1 SR (5 RCTs)

- RCTs reviewed at full text: 146 RCTs
- Excluded: 73 RCTs
- Included: 73 RCTs
K.1.2 Settings for care

Title and abstract reviewed
Dep_Up CENTRAL search and update searches: 12,909 + 2,840 (15,749)
Excluded: 15,747
Reviewed at full-text: 2 studies

Full-text RCTs identified through other sources:
Handsearch (of identified Cochrane SRs): 30 studies

Total reviewed at full-text: 32 studies

Included: 12 RCTs

Excluded: 20 studies

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K.2 RQ2.1/2.2 Acute treatment (NMA)

**Titles and abstracts reviewed**
- Dep_Up_CENTR search: 12,101
- Update searches: 2,840
- 2004-2009 search: 228
- Total: 15,169
- Excluded at abstract: 14,736

**Full text from other sources**
- Previous versions of the guideline (2004 includes and excludes, 2009 includes and excludes): 795 RCTs
- Handsearch: 49 RCTs
- Cochrane search (HIRED-MAP): 84 RCTs
- Total: 928 RCTs

**Reviewed at full text: 1361**
- Included: 350 RCTs

**Excluded: 1021 RCTs**

**Included in 2.1:**
- 205 RCTs

**Included in 2.2:**
- 145 RCTs
K.4 RQ2.1/2.2 Acute treatment (pairwise)

Title and abstract reviewed
Dep_Up CENTRAL search and update searches: 12,101 + 2,840 (14,941)
Excluded: 14,923
Reviewed at full-text: 18 RCTs

Full-text RCTs identified through other sources:
HIRED-MAP (Cochrane search): 1 RCT
Previous iterations of the guideline: 18 RCTs
Existing systematic reviews: 2 RCTs
Handsearch: 1 SR, 1 RCT
Total: 23 papers (1 SR + 22 RCTs)

Total reviewed at full-text: 41 RCTs, 1 SR

Included: 24 RCTs, 1 SR
Total: 24 RCTs

Excluded: 17 RCTs
K.5 Further-line treatment

Title and abstract reviewed
Dep_Up CENTRAL search and update searches: 12,909 + 2,840 (15,749)
Excluded: 15,668
Reviewed at full-text: 81 studies

Full-text RCTs identified through other sources:
2004/2009 guidelines: 91 studies
Handsearch: 33 studies
2004-2009 CENTRAL search: 2 studies
Total: 126 studies

Total reviewed at full-text: 207 studies

Included: 64 RCTs
Excluded: 143 studies

Update 2017
K.6 Chronic depression

Title and abstract reviewed
Dep_Up CENTRAL search and update searches: 12,909 + 2,840 (15,749)
Excluded: 15,734
Reviewed at full-text: 15 studies

Full-text RCTs identified through other sources:
2004/2009 guidelines: 62 studies
Handsearch: 10 studies
Total: 72 studies

Total reviewed at full-text: 87 studies

Included: 32 RCTs
Excluded: 55 studies
Complex depression

Existing systematic review identified for update (Newton-Howells 2006): 36 RCTs

Other sources
- Dep_Up CENTRAL search: 3 RCTs
- Previous guidelines: 5 RCTs
- Handsearch: 4 SRs (56 RCTs)

RCTs reviewed at full text: 70

Excluded: 65

Included: 5
K.8 Psychotic depression

Existing systematic review identified for update (Wijkstra 2015)

Other sources
Dep_Up CENTRAL search
Previous guidelines
Handsearch

RCTs reviewed at full text: 67

Included: 18

Excluded: 49
K.9 Relapse prevention

K.9.1 Pharmacological treatments

Reviewed at full text
Update searches: 29 RCTs
Previous guidelines: 95 RCTs
Handsearch: 2 SRs, 5 RCTs
Total=2 SRs, 129 RCTs

Included: 56 RCTs (including RCTs from 2 SRs)
Excluded: 73 RCTs
K.9.2 **Psychological treatments**

- **Existing systematic review identified for update (Clarke 2015):** 67 RCTs
- **Other sources**
  - Update searches: 47 RCTs, 5 SRs
  - Previous guidelines: 1 RCT
  - Handsearch: 1 RCT

- **RCTs reviewed at full text:** 5 SRs, 116 RCTs

- **Included:** 24 RCTs (including RCTs from 6 SRs)

- **Excluded:** 92 RCTs
K.10 Access to services

Title and abstract reviewed
Access search: 3,997
Excluded: 3,965
Reviewed at full-text: 32 papers (9 SRs + 23 RCTs)

Full-text RCTs identified through other sources:
Dep_Up CENTRAL search: 3 RCTs
HIRED-MAP (Cochrane search): 1 RCT
2009 GL: 4 SR + 2 RCTs
Existing systematic reviews: 6 RCTs
Handsearch: 1 RCT
Total: 17 papers (4 SR + 13 RCTs)

Total reviewed at full-text: 49 papers (13 SRs + 36 RCTs)

Included: 12 papers (3 SRs + 3 RCTs)
Total: 9 RCTs
Excluded: 43 papers (10 SRs + 33 RCTs)