Preoperative tests (update)

Routine preoperative tests for elective surgery

NICE guideline NG45

Appendix E: Clinical article selection

April 2016

Developed by the National Guideline Centre, hosted by the Royal College of Physicians
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, where appropriate, their guardian or carer.

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Appendix E: Clinical article selection

E.1 Resting electrocardiography (ECG)

Figure 1: Flow chart of clinical article selection for the review of ECG

Records identified through database searching, n=819

Additional records identified through other sources, n=9

Records screened in 1st sift, n=828

Records excluded in 1st sift, n=771

Records screened in 2nd sift, n=0

Records excluded in 2nd sift, n=0

Full-text articles assessed for eligibility, n=57

Studies included in review, n=7

Studies excluded from review, n=50

Reasons for exclusion: see Appendix K
E.2 Resting echocardiography

Figure 2: Flow chart of clinical article selection for the review of resting echocardiography

- Records identified through database searching, n=1857
- Additional records identified through other sources, n=0
- Records screened, n=1857
- Records excluded, n=1803
- Full-text articles assessed for eligibility, n=54
- Studies included in review, n=3
- Studies excluded from review, n=51
  Reasons for exclusion: see Appendix K
E.3 Cardiopulmonary exercise testing (CPET)

Figure 3: Flow chart of clinical article selection for the review of CPET

- Records identified through database searching, n=5115
- Additional records identified through other sources, n=1

- Records screened, n=3690

- Records excluded, n=3554

- Full-text articles assessed for eligibility, n=136

- Studies included in review, n=17
- Studies excluded from review, n=119

Reasons for exclusion: see Appendix K
E.4 Polysomnography

Figure 4: Flow chart of clinical article selection for the review of polysomnography

Records identified through database searching, n=2726

Additional records identified through other sources, n=11

Records screened, n=896

Records excluded, n=829

Full-text articles assessed for eligibility, n=67

Studies included in review, n=2

Studies excluded from review, n=65

Reasons for exclusion: see Appendix K
E.5 Health technology assessment update: lung function tests, full blood count, and kidney function tests

Figure 5: Flow chart of clinical article selection for the review of lung function tests, full blood count, and kidney function tests

Records identified through database searching, n=5826

Records screened, n=2689

Records excluded, n=2579

Full-text articles assessed for eligibility, n=110

Studies included in review, n=15

Studies excluded from review, n=95

Reasons for exclusion: see Appendix K
E.6 Glycated haemoglobin test

E.6.1 HbA1c in diagnosed and undiagnosed diabetes

Figure 6: Flow chart of clinical article selection for the review of HbA1c in diagnosed and undiagnosed diabetes

- Records identified through database searching, n=5783
- Additional records identified through other sources, n=3
- Records screened, n=1629
- Records excluded, n=1536
- Full-text articles assessed for eligibility, n=93
- Studies included in review, n=5
  - Studies included in review
    - Q3 n=4 (diagnosed diabetes)
    - Q4 n=1 (undiagnosed diabetes)
- Studies excluded from review, n=88
  - Reasons for exclusion: see Appendix K

Records identified through database searching, n=5783

Additional records identified through other sources, n=3

Records screened, n=1629

Records excluded, n=1536

Full-text articles assessed for eligibility, n=93

Studies included in review, n=5

Studies excluded from review, n=88

Reasons for exclusion: see Appendix K