

Obesity

Identification, assessment and management of
overweight and obesity in children, young people and
adults

Update of CG43

Appendix J

November 2014

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Health and Care Excellence*

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 J: Excluded clinical studies

J.1 Very-low calorie diets (VLCD)

J.1.1 Effectiveness

Study	Exclusion reason
Adrianzen vargas 2011 ⁹	Systematic review: methods are not adequate/unclear
Anderlova 2006 ¹⁰	Incorrect study design
Anderson 2001 ¹¹	Systematic review: quality assessment is inadequate, methods are not adequate/unclear
Anderson 2004 ¹²	Appears to include non-randomised studies
Anon 1993 ¹	Systematic review: data not from RCTs or not from RCTs compared to LCDs
Arai 1992 ¹⁶	Study duration less than 1 year
Asher 2013 ¹⁷	Systematic review: study designs inappropriate. Systematic review without RCTs of correct comparisons
Avenell 2004 ¹⁸	Systematic review: missing relevant studies and includes studies with incorrect interventions
Avenell 2004 ¹⁹	Systematic review: missing relevant studies and includes studies with incorrect interventions
Bahadori 1996 ²⁰	Not in English
Bevier 1991 ²⁴	Conference abstract. Incorrect interventions
Bouchard 2009 ²⁹	Incorrect interventions
Cella 1999 ³⁸	Incorrect interventions
Christensen 2009 ⁴⁰	Conference abstract
Christensen 2011 ⁴¹	Study duration less than 1 year
Christensen 2013{Christensen, 2013 CHRISTENSEN2013 /id}	Results presented after maintenance period only.
Coker 2012 ⁴⁵	Incorrect interventions
Contaldo 1981 ⁴⁸	Incorrect interventions
Doherty 1991 ⁶³	Less than minimum duration
Espeland 2013 ⁷⁰	Incorrect interventions
Esposito 2011 ⁷¹	Incorrect interventions
Everhart 1993 ⁷³	Systematic review: study designs inappropriate. (not RCT evidence)
Farley 2012 ⁷⁶	Systematic review: study designs inappropriate
Festi 1998 ⁷⁹	Incorrect interventions
Finkler 2012 ⁸²	Systematic review: study designs inappropriate
Foster 1990 ⁸³	Study duration less than 1 year
Franz 2007 ⁸⁴	Systematic review: quality assessment is inadequate
Garrow 1989 ⁸⁸	Incorrect interventions
Gebhard 1996 ⁸⁹	Study duration less than 1 year
Harvey 1993 ⁹⁶	Study duration less than 1 year
Johansson 2009 ¹¹²	Incorrect interventions
Johansson 2010 ¹¹³	Incorrect interventions

Study	Exclusion reason
Kaukua 2002 ¹¹⁸	Incorrect interventions
Kaukua 2003 ¹²⁰	Incorrect interventions
Kaukua 2003 ¹¹⁹	Incorrect study design
Kim 2005 ¹²⁷	Not in English
Kim 2007 ¹²⁶	Not in English
Kjellin 1996 ¹²⁸	Incorrect interventions
Lantz 2003 ¹³⁷	Incorrect interventions
Lantz 2003 ¹³⁶	Incorrect interventions
Larrouy 2008 ¹³⁸	Incorrect study design
Lean 2011 ¹⁴²	Incorrect interventions
Lycett 2010 ¹⁵³	Incorrect interventions
Marckmann 1998 ¹⁵⁶	No data from after VLCD vs LCD phase.
Martin 2002 ¹⁶²	Incorrect study design
Martin 2006 ¹⁶¹	Incorrect study design
Meirelles 2010 ¹⁶⁶	Less than minimum duration
Mulholland 2012 ¹⁷⁶	Systematic review: study designs inappropriate. Systematic review without comparisons of interest. Incorrect interventions
Munro 2011 ¹⁷⁸	Incorrect study design
Mustajoki 2001 ¹⁷⁹	Systematic review : data is not from RCTs or is not from RCTs comparing VLCD with LCD
Neovius 2007 ¹⁸⁰	Incorrect interventions
Nield 2007 ¹⁸⁶	Systematic review : different review question and is missing studies comparing VLCD to LCD (includes only two relevant papers)
Norris 2004 ¹⁹¹	Systematic review: missing relevant studies and includes studies with incorrect interventions
Norris 2005 ¹⁹²	Systematic review : different review question, missing studies comparing VLCD to LCD (includes only two relevant papers)
O'kane 1994 ¹⁹⁵	Incorrect interventions
Palsey 1995 ¹⁹⁸	Incorrect study design
Riecke 2010 ²¹⁰	Study duration less than 1 year
Rolland 2009 ²¹⁴	Study duration less than 1 year
Rolland 2011 ²¹³	Study duration less than 1 year
Rolland 2013 ²¹⁵	Includes studies with study duration less than 1 year
Ryttig 1997 ²¹⁹	Incorrect interventions
Saris 2001 ²²²	Systematic review: missing relevant studies and includes studies with incorrect interventions
Scalfi 1990 ²²⁵	Incorrect study design
Scheen 2002 ²²⁶	Narrative review
Sharman 2004 ²³⁰	Incorrect interventions
Shirai 2013 ²³¹	Unavailable from sources
Shoheiber 1997 ²³²	Decision analysis about prevention of gallstones.
Sinclair 2009 ²³⁴	Conference abstract
Smith 2010 ²³⁷	Incorrect interventions
Stenius-Aarniala-2000	Incorrect-interventions
Stotland 2005 ²⁴⁵	Incorrect study design

Study	Exclusion reason
Toplak 1994 ²⁴⁸	Less than minimum duration
Tsai 2005 ²⁵⁰	Systematic review: quality assessment is inadequate
Tsai 2006 ²⁵¹	Systematic review: quality assessment is inadequate
Vazquez 1992 ²⁵²	Incorrect interventions
Voliovitch 1989 ²⁵⁵	Incorrect study design
Wadden 1990 ²⁵⁷	Study duration less than 1 year
Williamson 2008 ²⁶⁴	People not on a very-low-calorie diet

J.1.2 Safety

Study	Exclusion reason
Adrianzen vargas 2011 ⁹	No safety outcomes reported from the protocol
Anderlova 2006 ¹⁰	Incorrect study design
Anderson 2001 ¹¹	No safety outcomes reported from the protocol
Anderson 2004 ¹²	No safety outcomes reported from the protocol. Appears to include non-randomised studies
Anon 1993 ¹	Systematic review reporting on safety of VLCDs; data not from RCTs or not from RCTs compared to LCDs.
Asher 2013 ¹⁷	Systematic review: study designs inappropriate. Systematic review without RCTs of correct comparisons
Avenell 2004 ¹⁸	Systematic review without safety data from VLCD compared to LCD.
Avenell 2004 ¹⁹	Systematic review with relevant safety outcome (depression scores) but not reported in sufficient data and not from the correct comparisons (ie. compared to LCD).
Bahadori 1996 ²⁰	Not in English
Bevier 1991 ²⁴	Conference abstract. Incorrect interventions
Bouchard 2009 ²⁹	Incorrect interventions
Cella 1999 ³⁸	Incorrect interventions
Christensen 2009 ⁴⁰	Conference abstract
Coker 2012 ⁴⁵	Incorrect interventions
Contaldo 1981 ⁴⁸	Incorrect interventions
Doherty 1991 ⁶³	No safety outcomes reported from the protocol
Espeland 2013 ⁷⁰	Incorrect interventions
Esposito 2011 ⁷¹	Incorrect interventions
Everhart 1993 ⁷³	Systematic review: study designs inappropriate. (not RCT evidence)
Farley 2012 ⁷⁶	No safety outcomes reported from the protocol
Festi 1998 ⁷⁹	Incorrect interventions
Finkler 2012 ⁸²	No safety outcomes reported from the protocol
Foster 1990 ⁸³	No safety outcomes reported from the protocol
Franz 2007 ⁸⁴	No safety outcomes reported from the protocol
Garrow 1989 ⁸⁸	Incorrect interventions
Harvey 1993 ⁹⁶	No safety outcomes reported from the protocol
Johansson 2009 ¹¹²	Incorrect interventions
Johansson 2010 ¹¹³	Incorrect interventions
Kaukua 2002 ¹¹⁸	Incorrect interventions

Study	Exclusion reason
Kaukua 2003 ¹²⁰	Incorrect interventions
Kaukua 2003 ¹¹⁹	Incorrect study design
Kim 2005 ¹²⁷	Not in English
Kim 2007 ¹²⁶	Not in English
Kjellin 1996 ¹²⁸	Incorrect interventions
Lantz 2003 ¹³⁷	No safety outcomes reported from the protocol
Lantz 2003 ¹³⁶	Incorrect interventions
Larrouy 2008 ¹³⁸	Incorrect study design
Lean 2011 ¹⁴²	Incorrect interventions
Lycett 2010 ¹⁵³	Incorrect interventions
Marckmann 1998 ¹⁵⁶	No data from after VLCD vs LCD phase. No safety outcomes reported from the protocol
Martin 2002 ¹⁶²	Incorrect study design
Martin 2006 ¹⁶¹	Incorrect study design
Meirelles 2010 ¹⁶⁶	No safety outcomes reported from the protocol
Mulholland 2012 ¹⁷⁶	Systematic review: study designs inappropriate. Systematic review without comparisons of interest. Incorrect interventions
Munro 2011 ¹⁷⁸	Incorrect study design
Mustajoki 2001 ¹⁷⁹	Systematic review that reports narratively on safety after VLCDs; data is not from RCTs or is not from RCTs comparing VLCD with LCD.
Neovius 2007 ¹⁸⁰	Incorrect interventions
Nield 2007 ¹⁸⁶	No safety outcomes reported from the protocol
Norris 2004 ¹⁹¹	No safety outcomes reported from the protocol
Norris 2005 ¹⁹²	No safety outcomes reported from the protocol
O'kane 1994 ¹⁹⁵	Incorrect interventions
Palsey 1995 ¹⁹⁸	Incorrect study design
Pavlou 1989 ²⁰⁰	No safety outcomes reported from the protocol
Rolland 2009 ²¹⁴	No safety outcomes reported from the protocol
Rolland 2011 ²¹³	No safety outcomes reported from the protocol
Rolland 2013 ²¹⁵	No safety outcomes reported from the protocol
Ryttig 1997 ²¹⁹	No safety outcomes reported from the protocol. For relevant safety outcomes reported, these were not reported overall, not by different treatment group
Saris 2001 ²²²	Systematic review: narrative review of safety data which does not appear to be from RCTs.
Scalfi 1990 ²²⁵	Incorrect study design
Scheen 2002 ²²⁶	Narrative review
Sharman 2004 ²³⁰	Incorrect interventions
Shirai 2013 ²³¹	Unavailable from sources
Shoheiber 1997 ²³²	Decision analysis about prevention of gallstones; estimated rates of gallstones from non-randomised studies.
Simonen 2000 ²³³	No safety outcomes reported from the protocol
Sinclair 2009 ²³⁴	Conference abstract
Smith 2010 ²³⁷	Incorrect interventions
Stenius-aarniala 2000 ²⁴²	Incorrect interventions

Study	Exclusion reason
Stotland 2005 ²⁴⁵	Incorrect study design
Toplak 1994 ²⁴⁸	No safety outcomes reported from the protocol
Tsai 2005 ²⁵⁰	No safety outcomes reported from the protocol
Tsai 2006 ²⁵¹	Systematic review: does not given enough details about safety events reported in included studies (included studies cross-referenced).
Vazquez 1992 ²⁵²	Incorrect interventions
Viegener 1990 ²⁵⁴	No safety outcomes reported from the protocol
Voliovitch 1989 ²⁵⁵	Incorrect study design
Williamson 2008 ²⁶⁴	People not on a very-low-calorie diet
Wing 1984 ²⁶⁹	No safety outcomes reported from the protocol
Wing 1994 ²⁶⁶	Paper reports on constipation but does not report actual rates of constipation; paper also reports on depression scores but gives no variance of scores.
Wing 1994 ²⁶⁷	Paper reports on constipation but does not report actual rates of constipation; paper also reports on depression scores but gives no variance of scores.
Wing 1995 ²⁷⁰	Paper reports on constipation but does not report actual rates of constipation; paper also reports on depression scores but gives no variance of scores.
Wing 1996 ²⁶⁵	Paper reports on constipation but does not report actual rates of constipation; paper also reports on depression scores but gives no variance of scores.

J.1.3 Maintenance

Study	Exclusion reason
Apfelbaum 1999 ¹⁴	Incorrect interventions. Drug was licenced, but withdrawn in 2010
Belza 2007 ²²	Not review population. Less than minimum duration
Berk 2012 ²³	Pilot study
Christensen 2009 ⁴⁰	Not review population. Less than minimum duration
Christensen 2011{Christensen, 2011 CHRISTENSEN2011 /id}	Study duration less than 1 year
Christensen 2013 ⁴²	Not review population. Lead in period over 800kcal
Claessens 2009 ⁴³	Less than minimum duration
Donnelly 1994 ⁶⁴	Incorrect study design
Due 2008 ⁶⁵	Not review population. Lead in period over 800kcal. Less than minimum duration
Erondu 2007 ⁶⁸	Drug not licenced . Incorrect interventions
Esmailzadeh 2010 ⁶⁹	Not English
Finer 1992 ⁸⁰	Less than minimum duration
Finer 1992 ⁸¹	Less than minimum duration
Gambineri 2006 ⁸⁶	Not review population
Gantz 2007 ⁸⁷	Less than minimum duration
Gripeteg 2010 ⁹⁴	Not guideline condition. Lead in period over 800kcal
Haugaard 2009 ⁹⁷	Less than minimum duration

Study	Exclusion reason
Hauner 2001 ⁹⁸	Not review population. Less than minimum duration
Heini 1998 ¹⁰⁰	Less than minimum duration
Heinonen 2009 ¹⁰¹	Less than minimum duration
Hursel 2009 ¹⁰⁶	Less than minimum duration
Johansson 2014{Johansson, 2014 JOHANSSON2014 /id}	Systematic review: quality assessment carried out but inadequate / outcomes of interest are not included
Kamphuis 2003 ¹¹⁴	Less than minimum duration
Kovacs 2004 ¹³¹	Less than minimum duration
Lantz 2003 ¹³⁶	Not review population
Larsen 2006 ¹⁴⁰	Not review population
Larsen 2010 ¹³⁹	Not review population. Lead in period over 800kcal. Less than minimum duration
Lefevre 2009 ¹⁴⁷	Not review population. Less than minimum duration
Lejeune 2003 ¹⁴⁸	Less than minimum duration
Loria-kohen 2013 ¹⁵²	Not review population. Less than minimum duration
Mangine 2012 ¹⁵⁵	Less than minimum duration. Not review population
Marckmann 1998 ¹⁵⁶	Less than minimum duration
Marks 1996 ¹⁵⁸	Less than minimum duration
Marquez-quinones 2010 ¹⁵⁹	Less than minimum duration
Marsh 2013 ¹⁶⁰	Less than minimum duration
Mathus-vliegen 2005 ¹⁶³	Incorrect interventions. Sibutramine was licenced, but withdrawn in 2010
Mathus-vliegen 2005 ¹⁶³	Incorrect interventions. Drug was licenced, but withdrawn in 2010
Meirelles 2010 ¹⁶⁶	Not review population. Not guideline condition. Less than minimum duration
Melanson 2006 ¹⁶⁷	Not review population. Less than minimum duration
Moore 2010 ¹⁷²	Less than minimum duration
Moreira-andres 1981 ¹⁷³	Less than minimum duration
Moreno 2006 ¹⁷⁴	Not review population
Munro 2011 ¹⁷⁸	Not review population. Less than minimum duration
Nerbrand 2002 ¹⁸¹	Not review population. Unclear if VLCD
Nicklas 2009 ¹⁸⁵	Not review population. Less than minimum duration
Nisoli 2000 ¹⁸⁸	Incorrect study design. Narrative review
Olsson 2011 ¹⁹⁶	Less than minimum duration
Pedersen 2000 ²⁰¹	Less than minimum duration
Pinto 2008 ²⁰³	Incorrect study design
Richelsen 2000 ²⁰⁹	Less than minimum duration
Riecke 2010 ²¹⁰	Less than minimum duration
Sari 2004 ²²¹	Not review population. Less than minimum duration
Saris 2001 ²²²	Systematic review is not relevant to review question or unclear PICO
Snel 2011 ²⁴⁰	Not review population
Snel 2012 ²³⁸	Less than minimum duration
Snel 2012 ²³⁹	Incorrect interventions
Svendson 2008 ²⁴⁷	No weight loss outcomes reported
Tovar 2012 ²⁴⁹	Not review population. Less than minimum duration

Study	Exclusion reason
Verba 2012 ²⁵³	Not review population
Wadden 2010 ²⁵⁸	Incorrect interventions. Phase III trials of Taranabant stopped in 2008
Wadden 2013 ²⁵⁶	Not review population
Westerterp-plantenga 2004 ²⁶¹	Less than minimum duration
Westerterp-plantenga 2004 ²⁶¹	Less than minimum duration
Westerterp-plantenga 2005 ²⁶²	Less than minimum duration
Wikstrand 2010 ²⁶³	Incorrect interventions
Williamson 2008 ²⁶⁴	Not review population

J.2 Bariatric surgery in people with type 2 diabetes

Study	Exclusion reason
Buchwald 2009 ³²	Systematic review: study designs inappropriate. (includes non-randomised study designs)
Butner 2010 ³³	Not review population. (includes studies with patients who do not have type 2 diabetes). Systematic review: study designs inappropriate. (includes non-randomised studies)
Camastra 2011 ³⁴	Incorrect study design
Carlsson 2012 ³⁶	Incorrect study design. Not review population. (some patients with type 2 diabetes but unclear of length with diabetes)
Castagneto-gissey 2012 ³⁷	Narrative review
Cummings 2012 ⁵⁰	Editorial
De paula 2010 ⁵³	Inappropriate comparison. (surgery versus surgery)
Dixon 2007 ⁶¹	Not all patients had diabetes (unclear how many) and no subgroup analysis of those with diabetes
Dixon 2011 ⁶²	Systematic review: study designs inappropriate. (includes non-randomised studies)
Dixon 2012 ⁶⁰	Systematic review: study designs inappropriate. (includes non-randomised study designs)
Dixon 2013 ⁵⁹	Incorrect study design. Incorrect comparison
Dunn 2012 ⁶⁶	Inappropriate comparison. (surgery versus surgery)
Estruch 2013 ⁷²	Incorrect interventions
Fabbrini 2010 ⁷⁵	Inappropriate comparison. (surgery versus surgery)
Gill 2010 ⁹⁰	Systematic review: study designs inappropriate. (included non-randomised study designs)
Gloy 2013 ⁹¹	Not review population. (includes study with duration of type 2 diabetes > 10 years)
Guo 2013 ⁹⁵	Not review population. (includes study with duration of type 2 diabetes > 10 years)
Health quality ontario 2009 ⁹⁹	Systematic review: study designs inappropriate. (includes non-randomised study designs). Duration of type 2 diabetes >5 years. (appears to include studies with later onset diabetes)
Herrera 2010 ¹⁰³	Inappropriate comparison. (surgery versus surgery)
Hussain 2009 ¹⁰⁷	Systematic review: study designs inappropriate. Systematic review: methods are not adequate/unclear. (study does not describe the included studies; appears the included studies are non-randomised but this is not verifiable without a description of the included studies)
Keidar 2013 ¹²⁴	Inappropriate comparison. (surgery versus surgery)

Study	Exclusion reason
Klonsky 2009 ¹³⁰	Systematic review: study designs inappropriate. (includes non-randomised study designs)
Lakdawala 2010 ¹³⁵	Incorrect study design
Lebovitz 2013 ¹⁴³	Narrative review
Lee 2011 ¹⁴⁴	Inappropriate comparison. (surgery versus surgery)
Lee 2011 ¹⁴⁵	Inappropriate comparison. (surgery versus surgery)
Li 2012 ¹⁵⁰	Systematic review: study designs inappropriate. (included non-randomised studies)
Li 2013 ¹⁴⁹	Systematic review: study designs inappropriate. (includes non-randomised studies)
Maggard-gibbons 2013 ¹⁵⁴	Not review population. (includes study with duration of type 2 diabetes > 10 years)
Meijer 2011 ¹⁶⁵	Systematic review: study designs inappropriate. (includes non-randomised study designs)
Meneghini 2013 ¹⁶⁸	Commentary
Mingrone 2002 ¹⁷¹	Non-diabetic people. Not review population
Nocca 2011 ¹⁸⁹	Incorrect study design
Nora 2011 ¹⁹⁰	Incorrect study design
O'brien 2006 ¹⁹³	Not all patients had diabetes (unclear how many) and no subgroup analysis of those with diabetes
O'brien 2010 ¹⁹⁴	Not review population
Padwal 2011 ¹⁹⁷	Incorrect study design
Pokala 2012 ²⁰⁴	Commentary
Rao 2012 ²⁰⁶	Systematic review: study designs inappropriate. (includes non-randomised studies)
Reis 2010 ²⁰⁸	Not review population. Non-diabetic people
Reis 2012 ²⁰⁷	Systematic review: study designs inappropriate. (includes non-randomised study designs)
Ritter 2012 ²¹¹	Narrative review
Rodriguez 2009 ²¹²	Less than minimum duration
Scopinaro 2011 ²²⁷	Incorrect study design
Shah 2010 ²²⁸	Incorrect study design
Sjoholm 2013 ²³⁵	Incorrect study design. Not review population. (some patients with type 2 diabetes but unclear of length with diabetes)
Sjostrom 2013 ²³⁶	Incorrect study design. Not review population. (some patients with type 2 diabetes but unclear of length with diabetes)
Sullivan 2013 ²⁴⁶	Incorrect study design
Wang 2013 ²⁵⁹	Systematic review: study designs inappropriate. (included non-randomised study designs)
Wing 2008 ²⁷¹	Letter
Wing 2013 ²⁶⁸	Incorrect interventions. Incorrect study design. Letter
Yip 2013 ²⁷⁶	Systematic review: study designs inappropriate. (includes non-randomised study designs)

J.3 Follow-up care packages after bariatric surgery

Study	Exclusion reason
Ackroyd 2006 ⁵	Economic evaluation. (looked at cost effectiveness of surgery, not considering different care packages). Incorrect interventions
Adams 2007 ⁶	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not follow-up care packages)
Adams 2008 ⁷	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not follow-up care packages)
Anon 2006 ⁵⁶	Not in English
Anon 2006 ⁵⁴	Not in English
Anon 2006 ⁵⁵	Not in English
Anon 2007 ¹⁸³	Incorrect interventions. Review on bariatric surgery
Anon 2007 ⁵²	Not in English
Anon 2008 ⁸	Incorrect interventions. (about intragastric balloons for obesity, not post-bariatric care packages)
Anon 2008 ⁵⁷	Review of surgery effectiveness and safety
Anon 2009 ²	Not in English
Anon 2010 ¹⁸⁴	About bariatric surgery. Incorrect interventions
Anon 2012 ³	About a trial in progress
Anon 2012 ²⁸	Incorrect interventions. Considers outcomes after gastric banding
Anon 2013 ⁴	Summary of RCT on bariatric surgery
Anselmino 2009 ¹³	Economic evaluation of bariatric surgery (not RCT of follow-up strategies). Incorrect interventions
Apovian 2009 ¹⁵	Narrative review
Beck 2012 ²¹	Systematic review: study designs inappropriate. (includes both non randomised and randomised studies; references checked for RCTs)
Blue cross blue shield association (bcbs) 2006 ²⁵	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not care packages)
Blue cross blue shield association (bcbs) 2007 ²⁶	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery not care packages)
Bluecross blueshield association 2012 ²⁷	Systematic review is not relevant to review question or unclear PICO. (about different bariatric surgeries, not about post-bariatric care packages). Incorrect interventions
Boudreau 2007 ³⁰	Incorrect interventions. Considering clinical and cost effectiveness of gastric banding
Brethauer 2009 ³¹	Systematic review is not relevant to review question or unclear PICO. Incorrect interventions. Review on outcomes after sleeve gastrectomy
Campillo-soto 2008 ³⁵	Incorrect study design
Chan 2013 ³⁹	RCTs included for postoperative care were not summarised or listed.
Clarahan 2011 ⁴⁴	Narrative review
Colwell 2008 ⁴⁷	Systematic review: study designs inappropriate. (study includes expert opinion papers and case reports; any RCTs cross-referenced)
Colwell 2010 ⁴⁶	Systematic review: literature search not sufficiently rigorous. (Search, selection criteria, and study design of included studies not described)
Corabian 2012 ⁴⁹	Economic evaluation of different bariatric treatments (not post-bariatric care packages)
Cummings 2012 ⁵¹	Narrative/commentary
Di caro 2006 ⁵⁸	Systematic review: literature search not sufficiently rigorous. (search not

Study	Exclusion reason
	described)
Egbert 2012 ⁶⁷	Systematic review: study designs inappropriate
Ewing 2011 ⁷⁴	Economic evaluation on bariatric surgery
Farrell 2009 ⁷⁷	Systematic review: study designs inappropriate
Fernandes marcos 2007 ⁷⁸	Systematic review is not relevant to review question or unclear PICO. (about intragastric balloon, not post-bariatric care packages). Incorrect interventions
Gage 2007 ⁸⁵	Narrative review
Gordon 2011 ⁹²	Not in English
Greenberg 2009 ⁹³	Systematic review: study designs inappropriate. Not looking at different care packages after bariatric surgery
Henteleff 2013 ¹⁰²	Summary of an economic evaluation of bariatric surgery
Hoerger 2010 ¹⁰⁴	Economic evaluation of bariatric surgery. Incorrect interventions. (not about post-bariatric care packages)
Hollywood 2012 ¹⁰⁵	Study protocol. Rehabilitation package includes both pre and post bariatric care
Ikonen 2008 ¹⁰⁹	Incorrect interventions
Ikonen 2010 ¹⁰⁸	About an HTA underway
Ikramuddin 2009 ¹¹⁰	Economic evaluation of bariatric surgery
Ingelfinger 2011 ¹¹¹	Commentary
Kaplan 2008 ¹¹⁵	Commentary
Karim 2013 ¹¹⁶	Incorrect study design
Karmali 2010 ¹¹⁷	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not post-bariatric care packages)
Keating 2009 ¹²¹	Economic evaluation of bariatric surgery (not RCT of care packages). Incorrect interventions
Keating 2009 ¹²²	Incorrect interventions. Economic evaluation of bariatric surgery
Keidar 2011 ¹²³	Narrative review
Kelly 2009 ¹²⁵	Systematic review is not relevant to review question or unclear PICO. Study is about bariatric surgery. Incorrect interventions
Klarenbach 2010 ¹²⁹	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not post-bariatric care packages). Incorrect interventions
Kulick 2010 ¹³²	Narrative review
Kwon 2012 ¹³³	Incorrect interventions. About clinical and cost effectiveness of bariatric surgery
Laddu 2011 ¹³⁴	Systematic review is not relevant to review question or unclear PICO. Not about care packages after bariatric surgery
Leahey 2008 ¹⁴¹	Incorrect study design
Lee 2013 ¹⁴⁶	Economic evaluation of gastric banding
Livhits 2011 ¹⁵¹	Systematic review is not relevant to review question or unclear PICO. (includes one RCT but it is not comparing different care packages)
Marcus 2009 ¹⁵⁷	Incorrect study design. (case report and narrative review)
Mcdonald 2007 ¹⁶⁴	Commentary
Meneghini 2013 ¹⁶⁸	Commentary
Merhi 2007 ¹⁶⁹	Commentary

Study	Exclusion reason
Michaud 2012 ¹⁷⁰	Incorrect interventions. Economic evaluation of pharmaceutical interventions for obesity (not after bariatric surgery)
Moroshko 2012 ¹⁷⁵	Systematic review is not relevant to review question or unclear PICO. (looking at factors causing attrition in post-bariatric care, not comparing different care packages). Systematic review: study designs inappropriate. (did not include RCTs)
Mulligan 2009 ¹⁷⁷	Systematic review: study designs inappropriate
Nguyen 2012 ¹⁸²	Systematic review is not relevant to review question or unclear PICO. (not comparing different post-bariatric care package)
Nijamkin 2012 ¹⁸⁷	Less than minimum duration
Pataky 2011 ¹⁹⁹	Systematic review: methods are not adequate/unclear. (search not described; references checked)
Petasne nijamkin 2013 ²⁰²	Less than minimum duration
Pratt 2009 ²⁰⁵	Incorrect interventions. Systematic review is not relevant to review question or unclear PICO. Review does not cover care packages after surgery
Rudolph 2013 ²¹⁶	Systematic review with meta-analysis including a study published before 2006 (cross-referenced)
Runkel 2011 ²¹⁸	Guidelines based on systematic review but papers included in the review were not reported in this publication.
Runkel 2011 ²¹⁷	Not in English
Samaras 2013 ²²⁰	Systematic review is not relevant to review question or unclear PICO. (about bariatric surgery, not follow-up care packages)
Sarwer 2008 ²²³	Narrative review
Sarwer 2012 ²²⁴	Incorrect interventions. (did not include other components of package other than dietary counselling)
Shang 2010 ²²⁹	Incorrect interventions
Sockalingam 2011 ²⁴¹	Unable to obtain from sources
Stephenson 2007 ²⁴³	Economic evaluation of bariatric surgery. Incorrect interventions
Stewart 2010 ²⁴⁴	Incorrect study design
Welbourn 2010 ²⁶⁰	Conference proceedings
Wnuk 2013 ²⁷²	Abstract only. About bariatric surgery, not care packages following bariatric surgery
Xanthakos 2006 ²⁷³	Narrative review
Yaskin 2009 ²⁷⁴	Systematic review is not relevant to review question or unclear PICO. (not about post-bariatric care packages)
Yeager 2008 ²⁷⁵	Narrative review

- 1 Very low-calorie diets. National Task Force on the Prevention and Treatment of Obesity, National Institutes of Health. JAMA. 1993; 270(8):967-974
- 2 Laparoscopic adjustable gastric banding for morbid obesity. Committee for New Health Technology Assessment (CNHTA), 2009
- 3 SurgiCal Obesity Treatment Study (SCOTS). 2012. Available from: <http://www.scotsurgerystudy.org.uk/Default.aspx?ReturnUrl=%2f> [Last accessed: 9 June 2014]

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