National Clinical Guideline Centre

Draft for consultation

Obesity

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

Update of CG43

Appendix K

July 2014

Draft for Consultation

Commissioned by the National Institute for Health and Care Excellence

Royal College of Physicians

The Royal College of Surgeons of England

RCGP Royal College of General Practitioners

Royal College of Nursing

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Appendices

Appendix K: Excluded economic studies

K.1 Very-low-calorie diets (VLCD)

None

K.2 Bariatric surgery for people with type 2 diabetes

Reference	Reason for exclusion
Ackroyd 2006[1]	This study was assessed as partially applicable with very serious limitations. In addition although the patients have type 2 diabetes it is unclear whether it is early on-set.
Alsemino 2009[2]	This study was assessed as partially applicable with very serious limitations. The study runs the same analysis as Ackroyd, however in non-UK countries.
Cremieux 2011[3]	This study was assessed as partially applicable with very serious limitations. In addition although the patients have type 2 diabetes it is unclear whether it is early on-set..
Finklestein 2011[4]	This study was assessed as not applicable with very serious limitations. More applicable evidence is available.
Ikramuddin 2009[5]	This study was assessed as not applicable as it is a US study on gastric bypass that uses clinical data derived from a non-published prospective cohort study. More applicable evidence is available for this comparison.
Keating 2009[7]	Keating 2009[6] is an update of this analysis using a lifetime time horizon.
Mcewen 2010[8]	This study was assessed as not applicable as it is unclear whether the patient's type-2 diabetes is early onset.
Picot 2009[9]	Picot 2012[10] is an update of this analysis.

K.3 Follow-up care packages after bariatric surgery

None.

1 Ackroyd R, Mouiel J, Chevallier JM, Daoud F. Cost-effectiveness and budget impact of obesity surgery in patients with type-2 diabetes in three European countries. Obesity Surgery. 2006; 16(11):1488-1503

2 Anselmino M, Bammer T, Cebrian JMF, Daoud F, Romagnoli G, Torres A. Cost-effectiveness and budget impact of obesity surgery in patients with type 2 diabetes in three European countries (II). Obesity Surgery. 2009; 19(11):1542-1549

3 Cremieux PY, Eapen S, Trask SW, Ghosh A. Weighing the clinical benefits and economic impact of bariatric surgery in morbidly obese patients with diabetes. Canadian Journal of Diabetes. 2011; 35(2):89-98

4 Finkelstein EA, Allaire BT, DiBonaventura MD, Burgess SM. Direct and indirect costs and potential cost savings of laparoscopic adjustable gastric banding among obese patients with diabetes. Journal of Occupational and Environmental Medicine. 2011; 53(9):1025-1029

5 Ikramuddin S, Klingman CD, Swan T, Minshall ME. Cost-effectiveness of Roux-en-Y Gastric bypass in Type 2 diabetes patients. American Journal of Managed Care. 2009; 15(9):607-615

6 Keating CL, Dixon JB, Moodie ML, Peeters A, Bulfone L, Maglianno DJ et al. Cost-effectiveness of surgically induced weight loss for the management of type 2 diabetes: modeled lifetime analysis. Diabetes Care. 2009; 32(4):567-574

7 Keating CL, Dixon JB, Moodie ML, Peeters A, Playfair J, O'Brien PE. Cost-efficacy of surgically induced weight loss for the management of type 2 diabetes: a randomized controlled trial. Diabetes Care. 2009; 32(4):580-584

8 McEwen LN, Coelho RB, Baumann LM, Bilik D, Nota-Kirby B, Herman WH. The cost, quality of life impact, and cost-utility of bariatric surgery in a managed care population. Obesity Surgery. 2010; 20(7):919-928

9 Picot J, Jones J, Colquitt JL, Gospodarevskaya E, Loveman E, Baxter L et al. The clinical effectiveness and cost-effectiveness of bariatric (weight loss) surgery for obesity: a systematic review and economic evaluation. Health Technology Assessment. 2009; 13(41)

10 Picot J, Jones J, Colquitt JL, Loveman E, Clegg AJ. Weight loss surgery for mild to moderate obesity: a systematic review and economic evaluation. Obesity Surgery. 2012; 22(9):1496-1506