Childhood Obesity KQ2 Treatment Excluded Studies List

Not population of Interest

Agras WS, Hammer LD, Huffman LC, Mascola A, Bryson SW, Danaher C. Improving healthy eating in families with a toddler at risk for overweight: a cluster randomized controlled trial. J Dev Behav Pediatr 2012;33(7):529-34.

Annesi JJ, Smith AE, Tennant GA. Effects of the Start for Life treatment on physical activity in primarily African American preschool children of ages 3-5 years. PSYCHOL HEALTH MED 2013;18(3):300-9.

Bellows LL, Davies PL, Anderson J, Kennedy C. Effectiveness of a physical activity intervention for Head Start preschoolers: a randomized intervention study. Am J Occup Ther 2013;67(1):28-36.

Bianchini JAA, da Silva DF, Nardo CCS, Carolino IDR, Hernandes F, Nardo NJ. Multidisciplinary therapy reduces risk factors for metabolic syndrome in obese adolescents. Eur J Pediatr 2013;172(2):215-21.

Canas JA, Damaso L, Altomare A, Killen K, Hossain J, Balagopal PB. Insulin resistance and adiposity in relation to serum ß-carotene levels. J Pediatr 2012;161(1):58-2.

Centis E, Marzocchi R, Di Luzio R, Moscatiello S, Salardi S, Villanova N, et al. A controlled, class-based multicomponent intervention to promote healthy lifestyle and to reduce the burden of childhood obesity. Pediatric Obesity 2012;7(6):436-45.

Damsgaard CT, Papadaki A, Jensen SM, Ritz C, Dalskov SM, Hlavaty P, et al. Higher protein diets consumed ad libitum improve cardiovascular risk markers in children of overweight parents from eight European countries. J Nutr 2013;143(6):810-7.

Davison KK, Jurkowski JM, Li K, Kranz S, Lawson HA. A childhood obesity intervention developed by families for families: results from a pilot study. Int j behav nutr phys act 2013;10:3.

de Silva-Sanigorski AM, Bell AC, Kremer P, Park J, Demajo L, Smith M, et al. Process and impact evaluation of the Romp & Chomp obesity prevention intervention in early childhood settings: lessons learned from implementation in preschools and long day care settings. Child obes 2012;8(3):205-15.

Elmahgoub SM, Lambers S, Stegen S, Van LC, Cambier D, Calders P. The influence of combined exercise training on indices of obesity, physical fitness and lipid profile in overweight and obese adolescents with mental retardation. Eur J Pediatr 2009 Nov;168(11):1327-33.

French GM, Nicholson L, Skybo T, Klein EG, Schwirian PM, Murray-Johnson L, et al. An evaluation of mother-centered anticipatory guidance to reduce obesogenic infant feeding behaviors. Pediatrics 2012;130(3):e507-e517.

French SA, Mitchell NR, Hannan PJ. Decrease in television viewing predicts lower body mass index at 1year follow-up in adolescents, but not adults. Journal of Nutrition Education and Behavior 2012;44(5):415-22.

Fritsch P, Kleber M, Schlagenhauf A, Laschnik B, Fritsch M, Muntean W, et al. Normalization of haemostatic alterations in overweight children with weight loss due to lifestyle intervention. Atherosclerosis 2011 May;216(1):170-3.

Hakanen M, Lagstrom H, Pahkala K, Sillanmaki L, Saarinen M, Niinikoski H, et al. Dietary and lifestyle counselling reduces the clustering of overweight-related cardiometabolic risk factors in adolescents. Acta Paediatrica 2010 Jun;99(6):888-95.

Ibanez L, Lopez-Bermejo A, Diaz M, Marcos MV, De ZF. Pubertal Metformin Therapy to Reduce Total, Visceral, and Hepatic Adiposity. J PEDIATR 2010;156(1):98-102.

Jones M, Luce KH, Osborne MI, Taylor K, Cunning D, Doyle AC, et al. Randomized, controlled trial of an internet-facilitated intervention for reducing binge eating and overweight in adolescents. Pediatrics 2008 Mar;121(3):453-62.

Kong AS, Sussman AL, Yahne C, Skipper BJ, Burge MR, Davis SM. School-based health center intervention improves body mass index in overweight and obese adolescents. J Obes 2013;2013:575016.

Krombholz H. The impact of a 20-month physical activity intervention in child care centers on motor performance and weight in overweight and healthy-weight preschool children. Percept Mot Skills 2012;115(3):919-32.

Larsen TM, Dalskov S, van BM, Jebb S, Kafatos A, Pfeiffer A, et al. The Diet, Obesity and Genes (Diogenes) Dietary Study in eight European countries - a comprehensive design for long-term intervention. Obes Rev 2010 Jan;11(1):76-91.

Lee K, Laoire SO. Head Start Impact on Childrenâ€[™]s Obesity: Moderation Effects of Family Risk Factors. Research on Social Work Practice 2013 Jan 20;23(1):73-80.

Lewis KL, Castrucci BC, Gossman G, Mirchandani G, Sayegh MA, Moehlman C, et al. Overweight among low-income Texas preschoolers aged 2 to 4 years. J NUTR EDUC BEHAV 2010 May;42(3):178-84.

Madsen K, Thompson H, Adkins A, Crawford Y. School-community partnerships: a cluster-randomized trial of an after-school soccer program. JAMA Pediatrics 2013;167(4):321-6.

Marcus MD, Hirst K, Kaufman F, Foster GD, Baranowski T. Lessons learned from the HEALTHY primary prevention trial of risk factors for type 2 diabetes in middle school youth. Curr Diab Rep 2013;13(1):63-71.

Muller H, Gebhardt U, Maroske J, Hanisch E. Long-term follow-up of morbidly obese patients with childhood craniopharyngioma after laparoscopic adjustable gastric banding (LAGB). Klin Padiatr 2011;223(6):372-3.

Mustila T, Raitanen J, Keskinen P, Saari A, Luoto R. Lifestyle counseling during pregnancy and offspring weight development until four years of age: follow-up study of a controlled trial. J Negat Results Biomed 2012;11:11.

Nobili V, Manco M, Ciampalini P, Alisi A, Devito R, Bugianesi E, et al. Metformin use in children with nonalcoholic fatty liver disease: an open-label, 24-month, observational pilot study. Clin Ther 2008 Jun;30(6):1168-76.

O'Connor TM, Hilmers A, Watson K, Baranowski T, Giardino AP. Feasibility of an obesity intervention for paediatric primary care targeting parenting and children: Helping HAND. Child: care, health and development 2013;39(1):141-9.

Olsen NJ, Buch-Andersen T, Handel MN, Ostergaard LM, Pedersen J, Seeger C, et al. The Healthy Start project: a randomized, controlled intervention to prevent overweight among normal weight, preschool children at high risk of future overweight. BMC Public Health 2012;12:590.

Ostbye T, Krause KM, Stroo M, Lovelady CA, Evenson KR, Peterson BL, et al. Parent-focused change to prevent obesity in preschoolers: results from the KAN-DO study. PREV MED 2012;55(3):188-95.

Rappaport EB, Daskalakis C, Sendecki JA. Using routinely collected growth data to assess a school-based obesity prevention strategy. Int J Obes (Lond) 2013;37(1):79-85.

Reinehr T, Schmidt C, Toschke AM, Andler W. Lifestyle intervention in obese children with non-alcoholic fatty liver disease: 2-year follow-up study. Arch Dis Child 2009 Jun;94(6):437-42.

Sichieri R, Yokoo EM, Pereira RA, Veiga GV. Water and sugar-sweetened beverage consumption and changes in BMI among Brazilian fourth graders after 1-year follow-up. Public Health Nutr 2013;16(1):73-7.

Slusser WM, Sharif MZ, Erausquin JT, Kinsler JJ, Collin D, Prelip ML. Improving Overweight among At-risk Minority Youth: Results of a Pilot Intervention in After-school Programs. J HEALTH CARE POOR UNDERSERV 2013;24(2, Supp):12-24.

Tanofsky-Kraff M, Wilfley DE, Young JF, Mufson L, Yanovski SZ, Glasofer DR, et al. A pilot study of interpersonal psychotherapy for preventing excess weight gain in adolescent girls at-risk for obesity. [References]. Int J Eating Disord 2010 Dec;43(8):701-6.

Thies F. Effect of a tomato-rich diet on markers of cardiovascular disease risk in moderately overweight, disease-free, middle-aged adults: a randomized controlled trial. The American journal of clinical nutrition 2012;95(5):1013.

Unikel Santoncini C, MartÃ-n MartÃ-n V, JuÃirez GarcÃ-a F, GonzÃilez-Forteza C, Nuño Gutiérrez B. Disordered eating behavior and body weight and shape relativesâ€[™] criticism in overweight and obese 15- to 19-year-old females. J HEALTH PSYCHOL 2013 Jan 20;18(1):75-85.

Verrotti A, Agostinelli S, D'Egidio C, Di Fonzo A, Carotenuto M, Parisi P, et al. Impact of a weight loss program on migraine in obese adolescents. Eur J Neurol 2013;20(2):394-7.

Wang CL, Liang L, Fu JF, Zou CC, Hong F, Xue JZ, et al. Effect of lifestyle intervention on non-alcoholic fatty liver disease in Chinese obese children. World J Gastroenterol 2008 Mar 14;14(10):1598-602.

Whittemore R, Jeon S, Grey M. An internet obesity prevention program for adolescents. J Adolesc Health 2013;52(4):439-47.

Wylie-Rosett J, Isasi C, Soroudi N, Soroker E, Sizemore C, Groisman-Perelstein A, et al. KidWAVE: Get Healthy Game--promoting a more healthful lifestyle in overweight children. J NUTR EDUC BEHAV 2010 May;42(3):210-2.

Yam PS, Morrison R, Penpraze V, Westgarth C, Ward DS, Mutrie N, et al. Children, parents, and pets exercising together (CPET) randomised controlled trial: study rationale, design, and methods. BMC Public Health 2012;12:208.

Sample size – <10 participants per arm

Doyle-Baker PK, Venner AA, Lyon ME, Fung T. Impact of a combined diet and progressive exercise intervention for overweight and obese children: the B.E. H.I.P. study. Applied Physiology, Nutrition, & Metabolism = Physiologie Appliquee, Nutrition et Metabolisme 2011 Aug;36(4):515-25.

Gillis D, Brauner M, Granot E. A community-based behavior modification intervention for childhood obesity. J Pediatr Endocrinol Metab 2007 Feb;20(2):197-203.

Kwapiszewski RM, Lee WA. A pilot program to identify and reverse childhood obesity in a primary care clinic. Clin Pediatr 2011 Jul;50(7):630-5.

Senediak C, Spence SH. Rapid versus Gradual Scheduling of Therapeutic Contact in a Family Based Behavioural Weight Control Programme for Children. BEHAV COGNITIVE PSYCHOTHER 1985;13(04):265-87.

Stark LJ, Spear S, Boles R, Kuhl E, Ratcliff M, Scharf C, et al. A pilot randomized controlled trial of a clinic and home-based behavioral intervention to decrease obesity in preschoolers. Obesity 2011 Jan;19(1):134-41.

Intervention or setting does not meet criteria

Metformin + rosiglitazone superior to metformin alone in lowering HbA1c in children and adolescents. Aust J Pharm 2012;93(1109):78.

Atabek ME, Pirgon O. Use of metformin in obese adolescents with hyperinsulinemia: a 6-month, randomized, double-blind, placebo-controlled clinical trial. Journal of Pediatric Endocrinology 2008 Apr;21(4):339-48.

Kendall D, Vail A, Amin R, Barrett T, Dimitri P, Ivison F, et al. Metformin in obese children and adolescents: the MOCA trial. J Clin Endocrinol Metab 2013;98(1):322-9.

Kendall D. Metformin in obese children and adolescents: the MOCA trial. J Clin Endocrinol Metab 2013;98(1):322.

Nowicka P, Lanke J, Pietrobelli A, Apitzsch E, Flodmark CE. Sports camp with six months of support from a local sports club as a treatment for childhood obesity. SCAND J PUBLIC HEALTH 2009 Nov;37(8):793-800.

Rezvanian H, Hashemipour M, Kelishadi R, Tavakoli N, Poursafa P. A randomized, triple masked, placebocontrolled clinical trial for controlling childhood obesity. World J Pediatrics 2010 Nov;6(4):317-22.

Wilson DM, Abrams SH, Aye T, Lee PD, Lenders C, Lustig RH, et al. Metformin extended release treatment of adolescent obesity: a 48-week randomized, double-blind, placebo-controlled trial with 48-week follow-up. Arch Pediatr Adolesc Med 2010 Feb;164(2):116-23.

Wright K, Giger JN, Norris K, Suro Z. Impact of a nurse-directed, coordinated school health program to enhance physical activity behaviors and reduce body mass index among minority children: A parallelgroup, randomized control trial. INT J NURS STUD 2013;50(6):727-37.

Yanovski JA, Krakoff J, Salaita CG, McDuffie JR, Kozlosky M, Sebring NG, et al. Effects of metformin on body weight and body composition in obese insulin-resistant children: a randomized clinical trial. Diabetes 2011 Feb;60(2):477-85.

No weight outcomes at 6 months

Alberga AS, Goldfield GS, Kenny GP, Hadjiyannakis S, Phillips P, Prud'homme D, et al. Healthy Eating, Aerobic and Resistance Training in Youth (HEARTY): study rationale, design and methods. Contemp Clin Trials 2012;33(4):839-47.

Anderson J, Pena AS, Sullivan T, Gent R, D'Arcy B, Olds T, et al. Does metformin improve vascular heath in children with type 1 diabetes? Protocol for a one year, double blind, randomised, placebo controlled trial. BMC Pediatr 2013;13(1).

Armeno ML, Krochik AG, Mazza CS. Evaluation of two dietary treatments in obese hyperinsulinemic adolescents. Journal of Pediatric Endocrinology 2011;24(9-10):715-22.

Arnberg K, Molgaard C, Michaelsen KF, Jensen SM, Trolle E, Larnkjaer A. Skim milk, whey, and casein increase body weight and whey and casein increase the plasma C-peptide concentration in overweight adolescents. J Nutr 2012;142(12):2083-90.

Backlund C, Sundelin G, Larsson C. Effect of a 1-year lifestyle intervention on physical activity in overweight and obese children. Adv Physiother 2011;13(3):87-96.

Baker J, Saunders K. Fitter, healthier, happier families: a partnership to treat childhood obesity in the West Midlands. Public Health 2012;126(4):332-4.

Ball GDC, Mackenzie-Rife KA, Newton MS, Alloway CA, Slack JM, Plotnikoff RC, et al. One-on-one lifestyle coaching for managing adolescent obesity: Findings from a pilot, randomized controlled trial in a real-world, clinical setting. Paediatr Child Health (CAN) 2011;16(6):345-50.

Ball GDC, Ambler KA, Keaschuk RA, Rosychuk RJ, Holt NL, Spence JC, et al. Parents as agents of change (PAC) in pediatric weight management: the protocol for the PAC randomized clinical trial. BMC Pediatr 2012;12:114.

Barkin SL, Gesell SB, Po'e E, Escarfuller J, Tempesti T. Culturally tailored, family-centered, behavioral obesity intervention for Latino-American preschool-aged children. Pediatrics 2012;130(3):445-56.

Bathrellou E, Yannakoulia M, Papanikolaou K, Pehlivanidis A, Pervanidou P, Kanaka-Gantenbein C, et al. Development of a multi-disciplinary intervention for the treatment of childhood obesity based on cognitive behavioral therapy. Child & Family Behavior Therapy 2010 Jan;32(1):34-50.

Bean MK, Wilson DB, Thornton LM, Kelly N, Mazzeo SE. Dietary intake in a randomized-controlled pilot of NOURISH: a parent intervention for overweight children. PREV MED 2012;55(3):224-7.

Bloom T, Sharpe L, Mullan B, Zucker N. A pilot evaluation of appetite-awareness training in the treatment of childhood overweight and obesity: A preliminary investigation. Int J Eating Disord 2013;46(1):47-51.

Brennan L, Wilks R, Walkley J, Fraser SF, Greenway K. Treatment acceptability and psychosocial outcomes of a randomised controlled trial of a cognitive behavioural lifestyle intervention for overweight and obese adolescents. Behav Change 2012;29(1):36-62.

Burrows T, Janet WM, Collins CE. Long-term changes in food consumption trends in overweight children in the HIKCUPS intervention. Journal of Pediatric Gastroenterology & Nutrition 2011 Nov;53(5):543-7.

Calcaterra V, Larizza D, Codrons E, De Silvestri A, Brambilla P, Abela S, et al. Improved metabolic and cardiorespiratory fitness during a recreational training program in obese children. J Pediatr Endocrinol 2013;26(3-4):271-6.

Casazza K, Cardel M, Dulin-Keita A, Hanks LJ, Gower BA, Newton AL, et al. Reduced carbohydrate diet to improve metabolic outcomes and decrease adiposity in obese peripubertal African American girls. J Pediatr Gastroenterol Nutr 2012;54(3):336-42.

Christison A, Khan HA. Exergaming for health: A community-based pediatric weight management program using active video gaming. Clin Pediatr 2012;51(4):382-8.

Copeland KC, Higgins J, El gL, Delahanty L, Grey M, Kriska AM, et al. Treatment effects on measures of body composition in the TODAY clinical trial. Diabetes Care 2013;36(6):1742-8.

Dalton WT, Schetzina KE, Holt N, Fulton-Robinson H, Ho A-L, Tudiver F, et al. Parent-led activity and nutrition (plan) for healthy living: Design and methods. Contemp Clin Trials 2011;32(6):882-92.

Davis JN, Ventura EE, Tung A, Munevar MA, Hasson RE, Byrd-Williams C, et al. Effects of a randomized maintenance intervention on adiposity and metabolic risk factors in overweight minority adolescents. Pediatric Obesity 2012;7(1):16-27.

Delamater AM, Pulgaron ER, Rarback S, Hernandez J, Carrillo A, Christiansen S, et al. Web-based family intervention for overweight children: a pilot study. Child obes 2013;9(1):57-63.

DiSantis KI, Birch LL, Davey A, Serrano EL, Zhang J, Bruton Y, et al. Plate size and children's appetite: effects of larger dishware on self-served portions and intake. Pediatrics 2013;131(5):e1451-e1458.

Doyle AC, Goldschmidt A, Huang C, Winzelberg AJ, Taylor CB, Wilfley DE. Reduction of overweight and eating disorder symptoms via the Internet in adolescents: a randomized controlled trial. J Adolesc Health 2008 Aug;43(2):172-9.

Farris J, Taylor L, Williamson M, Robinson C. A 12-week interdisciplinary intervention program for children who are obese. Cardiopulmonary Physical Therapy Journal 2011 Dec;22(4):12-20.

Frenn M, Pruszynski JE, Felzer H, Zhang J. Authoritative feeding behaviors to reduce child BMI through online interventions. J Spec Pediatr Nurs 2013;18(1):65-77.

Gao Z, Novick M, Muller MD, Williams RJ, Spilk S, Leuenberger UA, et al. Exercise and diet-induced weight loss attenuates oxidative stress related-coronary vasoconstriction in obese adolescents. Eur J Appl Physiol 2013;113(2):519-28.

Gerards SMPL, Dagnelie PC, Jansen MWJ, van der Goot LOHM, de Vries NK, Sanders MR, et al. Lifestyle Triple P: a parenting intervention for childhood obesity. BMC Public Health 2012;12:267.

Ghatrehsamani S, Khavarian N, Beizaei M, Ramedan R, Poursafa P, Kelishadi R. Effect of different physical activity training methods on overweight adolescents. ARYA Atheroscler 2010;6(2):45-9.

Goldschmidt AB, Sinton MM, Aspen VP, Tibbs TL, Stein RI, Saelens BE, et al. Psychosocial and familial impairment among overweight youth with social problems. Int J Pediatr Obes 2010 Oct;5(5):428-35.

Goldschmidt AB, Stein RI, Saelens BE, Theim KR, Epstein LH, Wilfley DE. Importance of early weight change in a pediatric weight management trial. Pediatrics 2011 Jul;128(1):e33-e39.

Golley RK, Magarey AM, Daniels LA. Children's food and activity patterns following a six-month child weight management program. Int J Pediatr Obes 2011 Oct;6(5-6):409-14.

Griffin K, Meaney K, Hart M. The Impact of a Mastery Motivational Climate on Obese and Overweight Children's Commitment to and Enjoyment of Physical Activity: A Pilot Study. American Journal of Health Education 2013 May 20;44(1):1-8.

Halberstadt J, Makkes S, de Vet E, Jansen A, Nederkoorn C, van der Baan-Slootweg O, et al. The role of self-regulating abilities in long-term weight loss in severely obese children and adolescents undergoing intensive combined lifestyle interventions (HELIOS); rationale, design and methods. BMC Pediatr 2013;13:41.

Hare ME, Coday M, Williams NA, Richey PA, Tylavsky FA, Bush AJ. Methods and baseline characteristics of a randomized trial treating early childhood obesity: The Positive Lifestyles for Active Youngsters (Team PLAY) trial. Contemp Clin Trials 2012;33(3):534-49.

Hinkle KA, Kirschenbaum DS, Pecora KM, Germann JN. Parents may hold the keys to success in immersion treatment of adolescent obesity. [References]. Child & Family Behavior Therapy 2011 Oct;33(4):273-88.

Jelalian E, Hart CN, Mehlenbeck RS, Lloyd-Richardson EE, Kaplan JD, Flynn-O'Brien KT, et al. Predictors of attrition and weight loss in an adolescent weight control program. Obesity 2008 Jun;16(6):1318-23.

Jogova M, Song JE-S, Campbell AC, Warbuton D, Warshawski T, Chanoine JP. Process evaluation of the Living Green, Healthy and Thrifty (LiGHT) web-based child obesity management program: combining health promotion with ecology and economy. Can J Diabetes 2013 Jul 20;37(2):72-81.

Khadilkar VV, Pandit DS, Khadilkar AV, Chiplonkar SA, Kinare AS. Diet and exercise intervention, with special reference to micronutrients, reduces cardiometabolic risk in overweight children. Indian J Endocrinol Metab 2012;16(1):124-33.

Lee S, Bacha F, Hannon T, Kuk JL, Boesch C, Arslanian S. Effects of aerobic versus resistance exercise without caloric restriction on abdominal fat, intrahepatic lipid, and insulin sensitivity in obese adolescent boys: a randomized, controlled trial. Diabetes 2012;61(11):2787-95.

Leidy HJ, Ortinau LC, Douglas SM, Hoertel HA. Beneficial effects of a higher-protein breakfast on the appetitive, hormonal, and neural signals controlling energy intake regulation in overweight/obese, "breakfast-skipping," late-adolescent girls. The American journal of clinical nutrition 2013;97(4):677-88.

Lubans DR, Morgan PJ, Collins CE, Okely AD, Burrows T, Callister R. Mediators of weight loss in the 'Healthy Dads, Healthy Kids' pilot study for overweight fathers. Int j behav nutr phys act 2012;9:45.

Mellin LM, Slinkard LA, Irwin CE, Jr. Adolescent obesity intervention: validation of the SHAPEDOWN program. J AM DIET ASSOC 1987 Mar;87(3):333-8.

Mirza NM PMSKM. Effects of a low glycemic load or a low-fat dietary intervention on body weight in obese Hispanic American children and adolescents: a randomized controlled trial. The American journal of clinical nutrition 2013;97(2):276.

Mitchell NS, Suh CA, Stroebele N, Hill JO, Tsai AG. Weight Change in Pediatric TennCare Recipients Referred to a Commercial Weight Loss Program. Acad Pediatr 2013 Jul 20;13(2):152-8.

Moleres A, Campion J, Milagro FI, Marcos A, Campoy C, Garagorri JM, et al. Differential DNA methylation patterns between high and low responders to a weight loss intervention in overweight or obese adolescents: the EVASYON study. FASEB J 2013;27(6):2504-12.

Nemet D, Barzilay-Teeni N, Eliakim A. Treatment of childhood obesity in obese families. Journal of Pediatric Endocrinology 2008 May;21(5):461-7.

O'Connor J, Steinbeck K, Hill A, Booth M, Kohn M, Shah S, et al. Evaluation of a community-based weight management program for overweight and obese adolescents: the Loozit study. Nutrition & Dietetics 2008 Jun;65(2):121-7.

Panagiotopoulos C, Ronsley R, Al-Dubayee M, Brant R, Kuzeljevic B, Rurak E, et al. The Centre for Healthy Weights-Shapedown BC: A family-centered, multidisciplinary program that reduces weight gain in obese children over the short-term. Int J Environ Res Public Health 2011;8(12):4662-78.

Peeters C, Marchand H, Tulloch H, Sigal RJ, Goldfield GS, Hadjiyannakis S, et al. Perceived facilitators, barriers, and changes in a randomized exercise trial for obese youth: a qualitative inquiry. J Phys Act Health 2012;9(5):650-60.

Prado DM, Silva AG, Trombetta IC, Ribeiro MM, Nicolau CM, Guazzelli IC, et al. Weight loss associated with exercise training restores ventilatory efficiency in obese children. INT J SPORTS MED 2009 Nov;30(11):821-6.

Quinlan NP, Kolotkin RL, Fuemmeler BF, Costanzo PR. Psychosocial outcomes in a weight loss camp for overweight youth. [References]. Int J Pediatr Obes 2009 Aug;4(3):134-42.

Ratcliff MB, Reiter-Purtill J, Inge TH, Zeller MH. Changes in depressive symptoms among adolescent bariatric candidates from preoperative psychological evaluation to immediately before surgery. Surgery for Obesity & Related Diseases 2011 Jan;7(1):50-4.

Raynor HA, Osterholt KM, Hart CN, Jelalian E, Vivier P, Wing RR. Efficacy of U.S. paediatric obesity primary care guidelines: two randomized trials. Pediatric Obesity 2012;7(1):28-38.

Resnicow K, McMaster F, Woolford S, Slora E, Bocian A, Harris D, et al. Study design and baseline description of the BMI2 trial: reducing paediatric obesity in primary care practices. Pediatric Obesity 2012;7(1):3-15.

Ronsley R, Lee AS, Kuzeljevic B, Panagiotopoulos C. Healthy buddies[™] reduces body mass index z-score and waist circumference in aboriginal children living in remote coastal communities. J SCH HEALTH 2013 Aug 20;83(9):605-13.

Rooney BL, Gritt LR, Havens SJ, Mathiason MA, Clough EA. Growing healthy families: family use of pedometers to increase physical activity and slow the rate of obesity. WMJ 2005 Jul;104(5):54-60.

Roth K, Mauer S, Obinger M, Ruf KC, Graf C, Kriemler S, et al. Prevention through Activity in Kindergarten Trial (PAKT): a cluster randomised controlled trial to assess the effects of an activity intervention in preschool children. BMC Public Health 2010;10:410.

Sandilands M, Brennan L, Walkley J, Fraser SF, Greenway K. Self-monitoring in the treatment of overweight adolescents. [References]. Behav Change 2011 Jun;28(2):97-109.

Selewski DT, Collier DN, MacHardy J, Gross HE, Pickens EM, Cooper AW, et al. Promising insights into the health related quality of life for children with severe obesity. Health Qual Life Outcomes 2013;11:29.

Seo DY, Lee S, Figueroa A, Kim HK, Baek YH, Kwak YS, et al. Yoga training improves metabolic parameters in obese boys. Korean J Physiol Pharmacol 2012;16(3):175-80.

Sharifah WW, Nur HH, Ruzita AT, Roslee R, Reilly JJ. The Malaysian Childhood Obesity Treatment Trial (MASCOT). Malays J Nutr 2011 Aug;17(2):229-36.

Sharma S, Fleming SE. One-year change in energy and macronutrient intakes of overweight and obese inner-city African American children: effect of community-based Taking Action Together type 2 diabetes prevention program. Eat behav 2012;13(3):271-4.

Siegel RM, Neidhard MS, Kirk S. A comparison of low glycemic index and staged portion-controlled diets in improving BMI of obese children in a pediatric weight management program. Clin Pediatr 2011 May;50(5):459-61.

Song JK, Stebbins CL, Kim TK, Kim HB, Kang HJ, Chai JH. Effects of 12 weeks of aerobic exercise on body composition and vascular compliance in obese boys. The Journal of sports medicine and physical fitness 2012;52(5):522-9.

Sonneville KR, Rifas-Shiman SL, Kleinman KP, Gortmaker SL, Gillman MW, Taveras EM. Associations of obesogenic behaviors in mothers and obese children participating in a randomized trial. Obesity (Silver Spring) 2012;20(7):1449-54.

Tan S, Yang C, Wang J. Physical training of 9- to 10-year-old children with obesity to lactate threshold intensity. PEDIATR EXERC SCI 2010 Aug;22(3):477-85.

Tkacz J, Young-Hyman D, Boyle CA, Davis CL. Aerobic exercise program reduces anger expression among overweight children. PEDIATR EXERC SCI 2008 Nov;20(4):390-401.

Togashi K, Masuda H, Iguchi K. Effect of diet and exercise treatment for obese Japanese children on abdominal fat distribution. RES SPORTS MED 2010 Jan;18(1):62-70.

Trinh A, Campbell M, Ukoumunne OC, Gerner B, Wake M. Physical activity and 3-year BMI change in overweight and obese children. Pediatrics 2013;131(2):e470-e477.

Tsiros MD, Sinn N, Brennan L, Coates AM, Walkley JW, Petkov J, et al. Cognitive behavioral therapy improves diet and body composition in overweight and obese adolescents. Am J Clin Nutr 2008 May;87(5):1134-40.

Ventura E, Davis J, Byrd-Williams C, Alexander K, McClain A, Lane CJ, et al. Reduction in risk factors for type 2 diabetes mellitus in response to a low-sugar, high-fiber dietary intervention in overweight Latino adolescents. Arch Pediatr Adolesc Med 2009 Apr;163(4):320-7.

Verloigne M, De B, I, Tanghe A, D'Hondt E, Theuwis L, Vansteenkiste M, et al. Self-determined motivation towards physical activity in adolescents treated for obesity: an observational study. International Journal of Behavioral Nutrition & Physical Activity 2011;8:97.

Wagener TL, Fedele DA, Mignogna MR, Hester CN, Gillaspy SR. Psychological effects of dance-based group exergaming in obese adolescents. Pediatric Obesity 2012;7(5):e68-e74.

Wald ER, Moyer SC, Eickhoff J, Ewing LJ. Treating childhood obesity in primary care. Clin Pediatr 2011 Nov;50(11):1010-7.

West F, Sanders MR, Cleghorn GJ, Davies PS. Randomised clinical trial of a family-based lifestyle intervention for childhood obesity involving parents as the exclusive agents of change. Behaviour Research & Therapy 2010 Dec;48(12):1170-9.

Wille N, Erhart M, Petersen C, Ravens-Sieberer U. The impact of overweight and obesity on healthrelated quality of life in childhood--results from an intervention study. BMC Public Health 2008;8:421.

Zeybek C, Aktuglu-Zeybek C, Onal H, Altay S, Erdem A, Celebi A. Right ventricular subclinical diastolic dysfunction in obese children: the effect of weight reduction with a low-carbohydrate diet. Pediatr Cardiol 2009 Oct;30(7):946-53.

Study design

Al-Haifi AR, Al-Fayez MA, Al-Nashi B, Al-Athari BI, Bawadi H, Musaiger AO. Right Diet: a television series to combat obesity among adolescents in Kuwait. Diabetes Metab Syndr Obes 2012;5:205-12.

Banks J, Sharp DJ, Hunt LP, Shield JPH. Evaluating the transferability of a hospital-based childhood obesity clinic to primary care: a randomised controlled trial. Br J Gen Pract 2012;62(594):e6-12.

Baranowski T, Chen TA, Mendoza JA, O'Connor T, Baranowski J, Jago R. Prospective BMI category change associated with cardiovascular fitness change. Med Sci Sports Exerc 2013;45(2):294-8.

Barkin SL, Gesell SB, Poe EK, Ip EH. Changing overweight Latino preadolescent body mass index: the effect of the parent-child dyad. Clin Pediatr 2011 Jan;50(1):29-36.

Bean MK, Mazzeo SE, Stern M, Evans RK, Bryan D, Ning Y, et al. Six-month dietary changes in ethnically diverse, obese adolescents participating in a multidisciplinary weight management program. Clin Pediatr 2011 May;50(5):408-16.

Berkowitz RI, Wadden TA, Gehrman CA, Bishop-Gilyard CT, Moore RH, Womble LG, et al. Meal replacements in the treatment of adolescent obesity: a randomized controlled trial. Obesity 2011 Jun;19(6):1193-9.

Bloom T, Sharpe L, Mullan B, Zucker N. A pilot evaluation of appetite-awareness training in the treatment of childhood overweight and obesity: a preliminary investigation. The International journal of eating disorders 2013;46(1):47-51.

Bocca G, Corpeleijn E, Stolk RP, Sauer PJJ. Results of a multidisciplinary treatment program in 3-year-old to 5-year-old overweight or obese children: a randomized controlled clinical trial. Arch Pediatr Adolesc Med 2012;166(12):1109-15.

Boles RE, Scharf C, Stark LJ. Developing a treatment program for obesity in preschool-age children: Preliminary data. Child Health Care 2010;39(1):34-58.

Boutelle KN, Zucker NL, Peterson CB, Rydell SA, Cafri G, Harnack L. Two novel treatments to reduce overeating in overweight children: a randomized controlled trial. Journal of Consulting & Clinical Psychology 2011 Dec;79(6):759-71.

Boutelle KN, Norman GJ, Rock CL, Rhee KE, Crow SJ. Guided self-help for the treatment of pediatric obesity. Pediatrics 2013;131(5):e1435-e1442.

Branscum P, Sharma M, Wang LL, Wilson BRA, Rojas-Guyler L. A true challenge for any superhero: an evaluation of a comic book obesity prevention program. FAM COMMUNITY HEALTH 2013;36(1):63-76.

Cambuli VM, Musiu MC, Incani M, Paderi M, Serpe R, Marras V, et al. Assessment of adiponectin and leptin as biomarkers of positive metabolic outcomes after lifestyle intervention in overweight and obese children. Journal of Clinical Endocrinology & Metabolism 2008 Aug;93(8):3051-7.

Chang C, Liu W, Zhao X, Li S, Yu C. Effect of supervised exercise intervention on metabolic risk factors and physical fitness in Chinese obese children in early puberty. Obes Rev 2008;9 Suppl 1:135-41.

Cluss PA, Ewing LJ, Long KA, Krieger WG, Lovelace J. Adapting pediatric obesity treatment delivery for low-income families: a public-private partnership. Clin Pediatr 2010 Feb;49(2):123-9.

Corripio R, Gonzalez-Clemente JM, Jacobo PS, Silvia N, Lluis G, Joan V, et al. Plasma brain-derived neurotrophic factor in prepubertal obese children: results from a 2-year lifestyle intervention programme. Clin Endocrinol (Oxf) 2012;77(5):715-20.

Dabbas-Tyan M, Michel J, Telion C, Dunlop N, Goulet O, Revillon Y. Laparoscopic adjustable gastric banding "LAGB" for morbidly obese adolescents: The first experience in France. J Pediatr Gastroenterol Nutr 2011;Conference: European Society for Paediatric Gastroenterology, Hepatology, and Nutrition Annual Meeting 2011 Sorrento Italy. Conference Start: 20110525 Conference End: 20110528. Conference Publication:(var.pagings):E69.

Danielsson P, Kowalski J, Ekblom O, Marcus C. Response of severely obese children and adolescents to behavioral treatment. Arch Pediatr Adolesc Med 2012;166(12):1103-8.

Danielsson P, Svensson V, Kowalski J, Nyberg G, Ekblom O, Marcus C. Importance of age for 3-year continuous behavioral obesity treatment success and dropout rate. Obes Facts 2012;5(1):34-44.

de Niet J, Timman R, Bauer S, van den Akker E, Buijks H, de Klerk C, et al. The effect of a short message service maintenance treatment on body mass index and psychological well-being in overweight and obese children: a randomized controlled trial. Pediatric Obesity 2012;7(3):205-19.

de NJ, Timman R, Rokx C, Jongejan M, Passchier J, van Den AE. Somatic complaints and social competence predict success in childhood overweight treatment. Int J Pediatr Obes 2011 Jun;6(2-2):e472-e479.

Dennis BA, Ergul A, Gower BA, Allison JD, Davis CL. Oxidative stress and cardiovascular risk in overweight children in an exercise intervention program. Child obes 2013;9(1):15-21.

Diaz RG, Esparza-Romero J, Moya-Camarena SY, Robles-Sardin AE, Valencia ME. Lifestyle intervention in primary care settings improves obesity parameters among Mexican youth. J AM DIET ASSOC 2010 Feb;110(2):285-90.

Dolinsky D, Armstrong S, Walter E, Kemper A. The Effectiveness of a Primary Care-Based Pediatric Obesity Program. Clin Pediatr 2012 May;51(4):345-53.

Epstein LH, Paluch RA, Beecher MD, Roemmich JN. Increasing healthy eating vs. reducing high energydense foods to treat pediatric obesity. [References]. Obesity 2008 Feb;16(2):318-26.

Farpour-Lambert NJ, Aggoun Y, Marchand LM, Martin XE, Herrmann FR, Beghetti M. Physical activity reduces systemic blood pressure and improves early markers of atherosclerosis in pre-pubertal obese children. J Am Coll Cardiol 2009 Dec 15;54(25):2396-406.

Fassihi M, McElhone S, Feltbower R, Rudolf M. Which factors predict unsuccessful outcome in a weight management intervention for obese children? J Hum Nutr Diet 2012;25(5):453-9.

Faude O, Kerper O, Multhaupt M, Winter C, Beziel K, Junge A, et al. Football to tackle overweight in children. SCAND J MED SCI SPORTS 2010 Apr;20(Suppl 1):103-10.

Flodmark CE, Ohlsson T, Ryden O, Sveger T. Prevention of progression to severe obesity in a group of obese schoolchildren treated with family therapy. Pediatrics 1993 May;91(5):880-4.

Galhardo J, Hunt LP, Lightman SL, Sabin MA, Bergh C, Sodersten P, et al. Normalizing eating behavior reduces body weight and improves gastrointestinal hormonal secretion in obese adolescents. Journal of Clinical Endocrinology & Metabolism 2012 Feb;97(2):E193-E201.

Garnett SP, Gow M, Ho M, Baur LA, Noakes M, Woodhead HJ, et al. Optimal macronutrient content of the diet for adolescents with prediabetes; RESIST a randomised control trial. J Clin Endocrinol Metab 2013;98(5):2116-25.

Gunnarsdottir T, Sigurdardottir ZG, Njardvik U, Olafsdottir AS, Bjarnason R. A randomized-controlled pilot study of Epstein's family-based behavioural treatment for childhood obesity in a clinical setting in Iceland. [References]. Nordic Psychology 2011 Apr;63(1):6-19.

Henes ST, Collier DN, Morrissey SL, Cummings DM, Kolasa KM. Medical nutrition therapy for overweight youth in their medical home: The KIDPOWER experience. Patient Education and Counseling 2010;81(1):43-6.

Huang F, del-Rio-Navarro BE, de Castro GT, Alcantara ST, Sienra Monge JJ, Ontiveros JA, et al. Weight loss induced by 6-month lifestyle intervention improves early endothelial activation and fibrinolysis in obese adolescents. Child Care Health Dev 2011 May;37(3):377-84.

Hughes AR, Stewart L, Chapple J, McColl JH, Donaldson MDC, Kelnar CJH, et al. Randomized, controlled trial of a best-practice individualized behavioral program for treatment of childhood overweight: Scottish childhood overweight treatment trial (SCOTT). Pediatrics 2008;121(3):e539-e546.

Hunter HL, Steele RG, Steele MM. Family-based treatment for pediatric overweight: Parental weight loss as a predictor of children's treatment success. [References]. Child Health Care 2008 Apr;37(2):112-25.

Janicke DM, Gray WN, Mathews AE, Simon SL, Lim CS, Dumont-Driscoll M, et al. A pilot study examining a group-based behavioral family intervention for obese children enrolled in medicaid: Differential outcomes by race. Child Health Care 2011;40(3):212-31.

Janicke DM. Treatment of pediatric obesity using a parent-only approach: A case example. Health Psychol 2013;32(3):345-50.

Jeffreys RM, Hrovat K, Woo JG, Schmidt M, Inge TH, Xanthakos SA. Dietary assessment of adolescents undergoing laparoscopic Roux-en-Y gastric bypass surgery: macro- and micronutrient, fiber, and supplement intake. Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery 2012;8(3):331-6.

Jinks A, English S, Coufopoulos A. Evaluation of a family-centred children's weight management intervention. Health education 2013;113(2):88-101.

Kalarchian MA, Levine MD, Arslanian SA, Ewing LJ, Houck PR, Cheng Y, et al. Family-based treatment of severe pediatric obesity: randomized, controlled trial. Pediatrics 2009 Oct;124(4):1060-8.

Kalavainen M, Korppi M, Nuutinen O. Long-term efficacy of group-based treatment for childhood obesity compared with routinely given individual counselling. Int J Obes 2011 Apr;35(4):530-3.

Kalavainen M, Utriainen P, Vanninen E, Korppi M, Nuutinen O. Impact of childhood obesity treatment on body composition and metabolic profile. World J Pediatr 2012;8(1):31-7.

Kelishadi R, Zemel MB, Hashemipour M, Hosseini M, Mohammadifard N, Poursafa P. Can a dairy-rich diet be effective in long-term weight control of young children? J Am Coll Nutr 2009 Oct;28(5):601-10.

Kelishadi R, Hashemipour M, Sarrafzadegan N, Mohammadifard N, Alikhasy H, Beizaei M, et al. Effects of a lifestyle modification trial among phenotypically obese metabolically normal and phenotypically obese metabolically abnormal adolescents in comparison with phenotypically normal metabolically obese adolescents. Matern Child Nutr 2010 Jul 1;6(3):275-86.

Kelishadi R, Malekahmadi M, Hashemipour M, Soghrati M, Soghrati M, Mirmoghtadaee P, et al. Can a trial of motivational lifestyle counseling be effective for controlling childhood obesity and the associated cardiometabolic risk factors? Pediatr neonatol 2012;53(2):90-7.

Kolsgaard ML, Joner G, Brunborg C, Anderssen SA, Tonstad S, Andersen LF. Reduction in BMI z-score and improvement in cardiometabolic risk factors in obese children and adolescents. The Oslo Adiposity Intervention Study - a hospital/public health nurse combined treatment. BMC Pediatr 2011;11:47.

Kornman KP, Shrewsbury VA, Chou AC, Nguyen B, Lee A, O'Connor J, et al. Electronic therapeutic contact for adolescent weight management: the Loozit study. Telemedicine Journal & E-Health 2010 Jul;16(6):678-85.

Krzystek-Korpacka M, Patryn E, Kustrzeba-Wojcicka I, Chrzanowska J, Gamian A, Noczynska A. The effect of a one-year weight reduction program on serum uric acid in overweight/obese children and adolescents. Clinical Chemistry & Laboratory Medicine 2011 May;49(5):915-21.

Kwapiszewski RM, Lee WA. A pilot program to identify and reverse childhood obesity in a primary care clinic. Clin Pediatr 2011 Jul;50(7):630-5.

Lemmens VEPP, Oenema A, Klepp KI, Henriksen HB, Brug J. A systematic review of the evidence regarding efficacy of obesity prevention interventions among adults. Obesity Review 2008;(9):446-55.

Lloyd-Richardson EE, Jelalian E, Sato AF, Hart CN, Mehlenbeck R, Wing RR. Two-year follow-up of an adolescent behavioral weight control intervention. Pediatrics 2012;130(2):e281-e288.

Looney SM, Raynor HA. Are changes in consumption of "healthy" foods related to changes in consumption of "unhealthy" foods during pediatric obesity treatment? Int J Environ Res Public Health 2012;9(4):1368-78.

Love-Osborne K, Sheeder J, Zeitler P. Addition of metformin to a lifestyle modification program in adolescents with insulin resistance. J PEDIATR 2008 Jun;152(6):817-22.

Magarey AM, Perry RA, Baur LA, Steinbeck KS, Sawyer M, Hills AP, et al. A parent-led family-focused treatment program for overweight children aged 5 to 9 years: the PEACH RCT. Pediatrics 2011 Feb;127(2):214-22.

Maggio AB, Aggoun Y, Martin XE, Marchand LM, Beghetti M, Farpour-Lambert NJ. Long-term follow-up of cardiovascular risk factors after exercise training in obese children. Int J Pediatr Obes 2011 Jun;6(2-2):e603-e610.

Matsuyama T, Tanaka Y, Kamimaki I, Nagao T, Tokimitsu I. Catechin safely improved higher levels of fatness, blood pressure, and cholesterol in children. Obesity 2008 Jun;16(6):1338-48.

Mauras N, Delgiorno C, Hossain J, Bird K, Killen K, Merinbaum D, et al. Metformin use in children with obesity and normal glucose tolerance-effects on cardiovascular markers and intrahepatic fat. J Pediatr Endocrinol Metab 2012;25(1-2):33-40.

McCormick DP, Ramirez M, Caldwell S, Ripley AW, Wilkey D. YMCA program for childhood obesity: a case series. Clin Pediatr 2008 Sep;47(7):693-7.

Michalsky MP, Raman SV, Teich S, Schuster DP, Bauer JA. Cardiovascular recovery following bariatric surgery in extremely obese adolescents: preliminary results using Cardiac Magnetic Resonance (CMR) Imaging. J Pediatr Surg 2013;48(1):170-7.

Moens E, Braet C, Van Winkel M. An 8-year follow-up of treated obese children: Children's, process and parental predictors of successful outcome. [References]. Behav Res Ther 2010 Jul;48(7):626-33.

Moens E, Braet C. Training parents of overweight children in parenting skills: A 12-month evaluation. [References]. BEHAV COGNITIVE PSYCHOTHER 2012 Jan;40(1):1-8.

Munsch S, Roth B, Michael T, Meyer AH, Biedert E, Roth S, et al. Randomized controlled comparison of two cognitive behavioral therapies for obese children: mother versus mother-child cognitive behavioral therapy. Psychotherapy & Psychosomatics 2008;77(4):235-46.

Murdoch M, Payne N, Samani-Radia D, Rosen-Webb J, Walker L, Howe M, et al. Family-based behavioural management of childhood obesity: service evaluation of a group programme run in a community setting in the United Kingdom. Eur J Clin Nutr 2011 Jun;65(6):764-7.

Naar-King S, Ellis D, Kolmodin K, Cunningham P, Jen K-LC, Saelens B, et al. A randomized pilot study of Multisystemic Therapy targeting obesity in African-American adolescents. [References]. J Adolesc Health 2009 Oct;45(4):417-9.

Nguyen B, Shrewsbury VA, O'Connor J, Steinbeck KS, Lee A, Hill AJ, et al. Twelve-month outcomes of the loozit randomized controlled trial: a community-based healthy lifestyle program for overweight and obese adolescents. Arch Pediatr Adolesc Med 2012 Feb;166(2):170-7.

Nijhawan S, Martinez T, Wittgrove AC. Laparoscopic gastric bypass for the adolescent patient: long-term results. Obes Surg 2012;22(9):1445-9.

Nowicka P, Hoglund P, Pietrobelli A, Lissau I, Flodmark CE. Family Weight School treatment: 1-year results in obese adolescents. Int J Pediatr Obes 2008;3(3):141-7.

Partsalaki I, Karvela A, Spiliotis BE. Metabolic impact of a ketogenic diet compared to a hypocaloric diet in obese children and adolescents. J Pediatr Endocrinol 2012;25(7-8):697-704.

Pbert L, Druker S, Gapinski MA, Gellar L, Magner R, Reed G, et al. A school nurse-delivered intervention for overweight and obese adolescents. The Journal of school health 2013;83(3):182-93.

Pedrosa C, Oliveira BM, Albuquerque I, Simoes-Pereira C, Vaz-de-Almeida MD, Correia F. Markers of metabolic syndrome in obese children before and after 1-year lifestyle intervention program. EUR J NUTR 2011 Sep;50(6):391-400.

Peneau S, Thibault H, Meless D, Soulie D, Carbonel P, Roinsol D, et al. Anthropometric and behavioral patterns associated with weight maintenance after an obesity treatment in adolescents. J PEDIATR 2008 May;152(5):678-84.

Pozzato C, Verduci E, Scaglioni S, Radaelli G, Salvioni M, Rovere A, et al. Liver fat change in obese children after a 1-year nutrition-behavior intervention. Journal of Pediatric Gastroenterology & Nutrition 2010 Sep;51(3):331-5.

Prado WL, Oyama LM, Lofrano-Prado MC, De PA, Stella SG, Nascimento CM, et al. Alterations in downstream mediators involved in central control of eating behavior in obese adolescents submitted to a multidisciplinary therapy. J Adolesc Health 2011 Sep;49(3):300-5.

Quattrin T, Roemmich JN, Paluch R, Yu J, Epstein LH, Ecker MA. Efficacy of family-based weight control program for preschool children in primary care. Pediatrics 2012;130(4):660-6.

Raman A, Ritchie LD, Lustig RH, Fitch MD, Hudes ML, Fleming SE. Insulin resistance is improved in overweight African American boys but not in girls following a one-year multidisciplinary community intervention program. Journal of Pediatric Endocrinology 2010 Jan;23(1-2):109-20.

Reinehr T, Hoffmeister U, Mann R, Goldapp C, Westenhofer J, Egmond-Froehlich A, et al. Medical care of overweight children under real-life conditions: the German BZgA observation study. Int J Obes 2009 Apr;33(4):418-23.

Reinehr T, Panteliadou A, de SG, Andler W. Insulin-like growth factor-I, insulin-like growth factor binding protein-3 and growth in obese children before and after reduction of overweight. Journal of Pediatric Endocrinology 2009 Mar;22(3):225-33.

Reinehr T, Kleber M, Toschke AM. Lifestyle intervention in obese children is associated with a decrease of the metabolic syndrome prevalence. Atherosclerosis 2009 Nov;207(1):174-80.

Reinehr T, Roth CL, Enriori PJ, Masur K. Changes of dipeptidyl peptidase IV (DPP-IV) in obese children with weight loss: relationships to peptide YY, pancreatic peptide, and insulin sensitivity. Journal of Pediatric Endocrinology 2010 Jan;23(1-2):101-8.

Reinehr T, Kleber M, Toschke AM, Woelfle J, Roth CL. Longitudinal association between IGFBP-1 levels and parameters of the metabolic syndrome in obese children before and after weight loss. Int J Pediatr Obes 2011 Aug;6(3-4):236-43.

Reinehr T, Wiegand S, Siegfried W, Keller KM, Widhalm K, L'Allemand D, et al. Comorbidities in overweight children and adolescents: Do we treat them effectively? Int J Obes 2013;37(4):493-9.

Robertson W, Friede T, Blissett J, Rudolf MC, Wallis M, Stewart-Brown S. Pilot of "Families for Health": community-based family intervention for obesity. Arch Dis Child 2008 Nov;93(11):921-6.

Robertson W, Thorogood M, Inglis N, Grainger C, Stewart-Brown S. Two-year follow-up of the 'Families for Health' programme for the treatment of childhood obesity. Child Care Health Dev 2012 Mar;38(2):229-36.

Roemmich JN, Liu EY, Rogol AD, Epstein LH, Quattrin T. Diminished insulin resistance with weight loss in severely overweight youth. Metab syndr relat disord 2004;2(3):160-8.

Romeo J, Martinez-Gomez D, Diaz LE, Gomez-Martinez S, Marti A, Martin-Matillas M, et al. Changes in cardiometabolic risk factors, appetite-controlling hormones and cytokines after a treatment program in overweight adolescents: preliminary findings from the EVASYON study. Pediatr Diabetes 2011 Jun;12(4:Pt 2):t-80.

Rynders C, Weltman A, Delgiorno C, Balagopal P, Damaso L, Killen K, et al. Lifestyle intervention improves fitness independent of metformin in obese adolescents. Med Sci Sports Exerc 2012;44(5):786-92.

Saavedra JM, Garcia-Hermoso A, Escalante Y. Effects of Exercise and/or Diet Programs on Kinanthropometric and Metabolic Parameters in Obese Children: a Pilot Study. J Human Kinet 2011;29:67-78.

Siegel RM, Rich W, Joseph EC, Linhardt J, Knight J, Khoury J, et al. A 6-month, office-based, low-carbohydrate diet intervention in obese teens. Clin Pediatr 2009 Sep;48(7):745-9.

Staiano AE, Abraham AA, Calvert SL. Motivating effects of cooperative exergame play for overweight and obese adolescents. J Diabetes Sci Technol 2012;6(4):812-9.

Stettler N, Berkowtiz RI, Cronquist JL, Shults J, Wadden TA, Zemel BS, et al. Observational study of bone accretion during successful weight loss in obese adolescents. [References]. Obesity 2008 Jan;16(1):96-101.

Teder M, Morelius E, Bolme P, Nordwall M, Ekberg J, Timpka T. Family-based behavioural intervention programme for obese children: a feasibility study. BMJ Open 2012;2(2):e000268.

Tsang TW, Kohn M, Chow CM, Singh MF. A randomized controlled trial of Kung Fu training for metabolic health in overweight/obese adolescents: the "martial fitness" study. Journal of Pediatric Endocrinology 2009 Jul;22(7):595-607.

Vanhelst J, Fardy PS, Mikulovic J, Marchand F, Bui X, Theunynck D, et al. Changes in obesity, cardiorespiratory fitness and habitual physical activity following a one-year intervention program in obese youth: a pilot study. J SPORTS MED PHYS FITNESS 2011 Dec;51(4):670-5.

Vanhelst J, Mikulovic J, Fardy P, Bui-Xuan G, Marchand F, Beghin L, et al. Effects of a multidisciplinary rehabilitation program on pediatric obesity: the CEMHaVi program. INT J REHABIL RES 2011 Jun;34(2):110-4.

Watson-Jarvis K, Johnston C, Clark C. Evaluation of a family education program for overweight children and adolescents. Can J Diet Pract Res 2011;72(4):191-6.

Wengle JG, Hamilton JK, Manlhiot C, Bradley TJ, Katzman DK, Sananes R, et al. The 'Golden Keys' to health - A healthy lifestyle intervention with randomized individual mentorship for overweight and obesity in adolescents. Paediatr Child Health (CAN) 2011;16(8):473-8.

Whetstone LM, Kolasa KM, Collier DN. Participation in community-originated interventions is associated with positive changes in weight status and health behaviors in 10 youth. Am J Health Promot 2012;27(1):10-6.

Wiegand S, L'Allemand D, Hubel H, Krude H, Burmann M, Martus P, et al. Metformin and placebo therapy both improve weight management and fasting insulin in obese insulin-resistant adolescents: a prospective, placebo-controlled, randomized study. European Journal of Endocrinology 2010 Oct;163(4):585-92.

Zeller MH, Reiter-Purtill J, Ratcliff MB, Inge TH, Noll JG. Two-year trends in psychosocial functioning after adolescent Roux-en-Y gastric bypass. Surgery for Obesity & Related Diseases 2011 Nov;7(6):727-32.