

## Childhood Obesity KQ1 Prevention Excluded Studies List

### Not Population of Interest

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 Targets Ther* 2012;5:205-12.

Annesi J, Smith A, Tennant G. Effects of the Start For Life treatment on physical activity in primarily African American preschool children of ages 3f\_ "5 years. *PSYCHOL HEALTH MED* 2013 May;18(3):300-9.

Apekey T, Morris A, Fagbemi S, Griffiths G. Benefits of moderate-intensity exercise during a calorie-restricted low-fat diet. *Health Educ J* 2012 Mar;71(2):154-64.

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.

Boehm G, Bracharz N, Schoberberger R. Evaluation of the sustainability of the Public Health Program "Slim without Diet (Schlank ohne Diat)". *Wien Klin Wochenschr* 2011;123(13-14):415-21.

Caemmerer J, Correll CU, Maayan L. Acute and maintenance effects of non-pharmacologic interventions for antipsychotic associated weight gain and metabolic abnormalities: a meta-analytic comparison of randomized controlled trials. *Schizophr Res* 2012;140(1-3):159-68.

Crombie A, Pei-Yang L, Ormsbee M, Ilich J. Weight and Body-Composition Change During the College Freshman Year in Male General-Population Students and Army Reserve Officer Training Corps (ROTC) Cadets. *INT J SPORT NUTR EXERC METAB* 2012 Dec;22(6):412-21.

de Zegher F, Sebastiani G, Diaz M, Gomez-Roig MD, Lopez-Bermejo A, Ibanez L. Breast-feeding vs formula-feeding for infants born small-for-gestational-age: divergent effects on fat mass and on circulating IGF-I and high-molecular-weight adiponectin in late infancy. *J Clin Endocrinol Metab* 2013;98(3):1242-7.

Dorgan JF. Adolescent diet and metabolic syndrome components in young women: results of the dietary intervention study in children (DISC) follow-up study. *Am J Epidemiol* 2011;173:S278.

Esfarjani F, Khalafi M, Mohammadi F, Mansour A, Roustae R, Zamani-Nour N, et al. Family-based intervention for controlling childhood obesity: an experience among Iranian children. *Intl J Prev Med* 2013;4(3):358-65.

Finne E, Reinehr T, Schaefer A, Winkel K, Kolip P. Changes in self-reported and parent-reported health-related quality of life in overweight children and adolescents participating in an outpatient training: findings from a 12-month follow-up study. *Health Qual Life Outcomes* 2013;11:1.

Foster G, Sundal D, McDermot C, Jelalian E, Lent M, Vojta D. Feasibility and Preliminary Outcomes of a Scalable, Community-based Treatment of Childhood Obesity. *Pediatrics* 2012 Oct;130(4):652-9.

Geier LM, Bekx MT, Connor EL. Factors contributing to initial weight loss among adolescents with polycystic ovary syndrome. *J Pediatr Adolesc Gynecol* 2012;25(6):367-70.

Gregory J, Robling M, Bennert K, Channon S, Cohen D, Crowne E, et al. Development and evaluation by a cluster randomised trial of a psychosocial intervention in children and teenagers experiencing diabetes: the DEPICTED study. *Health Technology Assessment (Winchester, England)* 2011;15(29):1-202.

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 Jan;44(1):1-8.

Hagnas MP, Cederberg H, Mikkola I, Ikaheimo TM, Jokelainen J, Laakso M, et al. Reduction in metabolic syndrome among obese young men is associated with exercise-induced body composition changes during military service. *Diabetes Res Clin Pract* 2012;98(2):312-9.

Jain A, Langwith C. Collaborative school-based obesity interventions: lessons learned from 6 southern districts. *The Journal of school health* 2013;83(3):213-22.

Johnston JD, Massey AP, Marker-Hoffman RL. Using an alternate reality game to increase physical activity and decrease obesity risk of college students. *J Diabetes Sci Technol* 2012;6(4):828-38.

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

Lai I-J, Liao L-L. Application of social marketing wheel to increase fruit and vegetable consumption among elementary school students. *Nutr Sci J* 2011;36(3):58-67.

Lee W, Chae YM, Kim S, Ho SH, Choi I. Evaluation of a mobile phone-based diet game for weight control. *J Telemed Telecare* 2010;16(5):270-5.

Lioret S, Campbell KJ, Crawford D, Spence AC, Hesketh K, McNaughton SA. A parent focused child obesity prevention intervention improves some mother obesity risk behaviors: the Melbourne infant program. *Int j behav nutr phys act* 2012;9:100.

Marquard J, Stahl A, Lerch C, Wolters M, Grotzke-Leweling M, Mayatepek E, et al. A prospective clinical pilot-trial comparing the effect of an optimized mixed diet versus a flexible low-glycemic index diet on nutrient intake and HbA(1c) levels in children with type 1 diabetes. *Journal of pediatric endocrinology & metabolism : JPEM* 2011;24(7-8):441-7.

Much D, Brunner S, Vollhardt C, Schmid D, Sedlmeier EM, Bruderl M, et al. Effect of dietary intervention to reduce the n-6/n-3 fatty acid ratio on maternal and fetal fatty acid profile and its relation to offspring growth and body composition at 1 year of age. *Eur J Clin Nutr* 2013;67(3):282-8.

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.

Navarro JI, Sigulem DM, Ferraro AA, Polanco JJ, Barros AJD. The double task of preventing malnutrition and overweight: a quasi-experimental community-based trial. *BMC Public Health* 2013;13:212.

Oliver JM, Lambert BS, Martin SE, Green JS, Crouse SF. Predicting football players' dual-energy x-ray absorptiometry body composition using standard anthropometric measures. *J Athlet Train* 2012;47(3):257-63.

Reinehr T. Effectiveness of lifestyle intervention in overweight children. *Proc Nutr Soc* 2011;70(4):494-505.

Runchey SS, Valsta LM, Schwarz Y, Wang C, Song X, Lampe JW, et al. Effect of low- and high-glycemic load on circulating incretins in a randomized clinical trial. *Metabolism* 2013;62(2):188-95.

Siegel R, Rich W, Khoury J. An office-based low-carbohydrate intervention in teens: one-year follow-up of a six-month intervention. *Clin Pediatr* 2011 Nov;50(11):1062-3.

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 (Silver Spring)* 2011;19(1):134-41.

Susana Sofia S, + n. The Stability of Self-Reported Adverse Experiences in Childhood: A Longitudinal Study on Obesity. *Journal of Interpersonal Violence* 2013 Jul;28(10):1989-2004.

Taveras EM, Marshall R, Horan CM, Gillman MW, Hacker K, Kleinman KP, et al. Rationale and design of the STAR randomized controlled trial to accelerate adoption of childhood obesity comparative effectiveness research. *Contemp Clin Trials* 2013;34(1):101-8.

Theim KR, Sinton MM, Goldschmidt AB, Van Buren DJ, Doyle AC, Saelens BE, et al. Adherence to behavioral targets and treatment attendance during a pediatric weight control trial. *Obesity* 2013;21(2):394-7.

Torun E, Gonullu E, Ozgen IT, Cindemir E, Oktem F. Vitamin d deficiency and insufficiency in obese children and adolescents and its relationship with insulin resistance. *Intl J Endocrinol* 2013;2013:631845.

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.

Truby H, Baxter KA, Barrett P, Ware RS, Cardinal JC, Davies PS, et al. The Eat Smart Study: a randomised controlled trial of a reduced carbohydrate versus a low fat diet for weight loss in obese adolescents. *BMC Public Health* 2010;10:464.

Uusi-Rasi K, Karkkainen MUM, Lamberg-Allardt CJE. Calcium intake in health maintenance - a systematic review. *Food Nutr Res* 2013;57.

Wake M, Lycett K, Clifford SA, Sabin MA, Gunn J, Gibbons K, et al. Shared care obesity management in 3-10 year old children: 12 month outcomes of HopSCOTCH randomised trial. *BMJ (Online)* 2013;346(7913).

Walters KL, LaMarr J, Levy RL, Pearson C, Maresca T, Mohammed SA, et al. Project hli?dx(w)/Healthy Hearts Across Generations: development and evaluation design of a tribally based cardiovascular disease prevention intervention for American Indian families. *J Prim Prev* 2012;33(4):197-207.

Webber L, Rice J, Johnson C, Rose D, Srinivasan S, Berenson G. Cardiovascular risk factors and physical activity behavior among elementary school personnel: baseline results from the ACTION! worksite wellness program. *J SCH HEALTH* 2012 Sep;82(9):410-6.

## No outcomes

- Aburto NJ, Fulton JE, Safdie M, Duque T, Bonvecchio A, Rivera JA. Effect of a school-based intervention on physical activity: cluster-randomized trial. *Med Sci Sports Exerc* 2011;43(10):1898-906.
- Adedze P, Orr R, Chapman-Novakofski K, Donovan S. Set the Pace: Nutrition Education DVD for Head Start Parents. *J NUTR EDUC BEHAV* 2013 May;45(3):279-81.
- 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.
- Agrawal T, Hoffman J, Ahl M, Bhaumik U, Healey C, Carter S, et al. Collaborating for impact: a multilevel early childhood obesity prevention initiative. *FAM COMMUNITY HEALTH* 2012 Jul;35(3):192-202.
- Aguirre CR, Nader N, Weaver A, Singh R, Kumar S. Response to vitamin D3 supplementation in obese and non-obese Caucasian adolescents. *Horm Res Paediatr* 2012;78(4):226-31.
- 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.
- Arcan C, Kubik MY, Fulkerson JA, Hannan PJ, Story M. Substance use and dietary practices among students attending alternative high schools: results from a pilot study. *BMC Public Health* 2011;11:263.
- Aucouturier J, Isacco L, Thivel D, Fellmann N, Chardigny JM, Duclos M, et al. Effect of time interval between food intake and exercise on substrate oxidation during exercise in obese and lean children. *Clinical nutrition (Edinburgh, Scotland)* 2011;30(6):780-5.
- Bailey DP, Fairclough SJ, Savory LA, Denton SJ, Pang D, Deane CS, et al. Accelerometry-assessed sedentary behaviour and physical activity levels during the segmented school day in 10-14-year-old children: the HAPPY study. *Eur J Pediatr* 2012;171(12):1805-13.
- 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.
- Bergh IH, Bjelland M, Grydeland M, Lien N, Andersen LF, Klepp K-I, et al. Mid-way and post-intervention effects on potential determinants of physical activity and sedentary behavior, results of the HEIA study - a multi-component school-based randomized trial. *Int j behav nutr phys act* 2012;9.
- Bergh IH, van Stralen MM, Grydeland M, Bjelland M, Lien N, Andersen LF, et al. Exploring mediators of accelerometer assessed physical activity in young adolescents in the Health In Adolescents Study - a group randomized controlled trial. *BMC Public Health* 2012;12:814.
- Berry D, Colindres M, Sanchez-Lugo L, Sanchez M, Neal M, Smith-Miller C. Adapting, Feasibility Testing, and Pilot Testing a Weight Management Intervention for Recently Immigrated Spanish-Speaking Women and Their 2- to 4-Year-Old Children. *Hisp Health Care Int* 2011 Dec;9(4):186-93.
- Bindler R, Goetz S, Butkus S, Power T, Ullrich-French S, Steele M. The Process of Curriculum Development and Implementation for an Adolescent Health Project in Middle Schools. *Journal of School Nursing (Sage Publications Inc )* 2012 Feb;28(1):13-23.

Bjelland M, Bergh IH, Grydeland M, Klepp KI, Andersen LF, Anderssen SA, et al. Changes in adolescents' intake of sugar-sweetened beverages and sedentary behaviour: results at 8 month mid-way assessment of the HEIA study--a comprehensive, multi-component school-based randomized trial. *Int j behav nutr phys act* 2011;8:63.

Black AP, Vally H, Morris PS, Daniel M, Esterman AJ, Smith FE, et al. Health outcomes of a subsidised fruit and vegetable program for Aboriginal children in northern New South Wales. *Med J Aust* 2013;199(1):46-50.

Bohnert AM, Randall ET, Tharp S, Germann J. The development and evaluation of a portion plate for youth: a pilot study. *Journal of Nutrition Education and Behavior* 2011;43(4):268-73.

Brug J, te Velde SJ, Chinapaw MJM, Bere E, De Bourdeaudhuij I, Moore H, et al. Evidence-based development of school-based and family-involved prevention of overweight across Europe: the ENERGY-project's design and conceptual framework. *BMC Public Health* 2010;10:276.

Bundy AC, Naughton G, Tranter P, Wyver S, Baur L, Schiller W, et al. The Sydney playground project: popping the bubblewrap--unleashing the power of play: a cluster randomized controlled trial of a primary school playground-based intervention aiming to increase children's physical activity and social skills. *BMC Public Health* 2011;11:680.

Cohen JFW, Smit LA, Parker E, Austin SB, Frazier AL, Economos CD, et al. Long-Term Impact of a Chef on School Lunch Consumption: Findings from a 2-Year Pilot Study in Boston Middle Schools. *J Acad Nutr Diet* 2012;112(6):927-33.

Cong Z, Feng D, Liu Y, Esperat MC. Sedentary behaviors among Hispanic children: Influences of parental support in a school intervention program. *Am J Health Promot* 2012;26(5):270-80.

Contento IR, Koch PA, Lee H, Calabrese-Barton A. Adolescents demonstrate improvement in obesity risk behaviors after completion of choice, control & change, a curriculum addressing personal agency and autonomous motivation. *J AM DIET ASSOC* 2010;110(12):1830-9.

Damsgaard CT, Dalskov SM, Petersen RA, Sorensen LB, Molgaard C, Biloft-Jensen A, et al. Design of the OPUS School Meal Study: a randomised controlled trial assessing the impact of serving school meals based on the New Nordic Diet. *SCAND J PUBLIC HEALTH* 2012;40(8):693-703.

Daniels LA, Magarey A, Battistutta D, Nicholson JM, Farrell A, Davidson G, et al. The NOURISH randomised control trial: positive feeding practices and food preferences in early childhood - a primary prevention program for childhood obesity. *BMC Public Health* 2009;9:387.

De Bock F, Breitenstein L, Fischer JE. Positive impact of a pre-school-based nutritional intervention on children's fruit and vegetable intake: results of a cluster-randomized trial. *Public Health Nutr* 2012;15(3):466-75.

de Ruyter JC, Olthof MR, Kuijper LDJ, Katan MB. Effect of sugar-sweetened beverages on body weight in children: design and baseline characteristics of the Double-blind, Randomized INtervention study in Kids. *Contemp Clin Trials* 2012;33(1):247-57.

de Silva-Sanigorski A, Elea D, Bell C, Kremer P, Carpenter L, Nichols M, et al. Obesity prevention in the family day care setting: impact of the Romp & Chomp intervention on opportunities for children's physical activity and healthy eating. *Child: care, health and development* 2011;37(3):385-93.

de Silva-Sanigorski A, Prosser L, Carpenter L, Honisett S, Gibbs L, Moodie M, et al. Evaluation of the childhood obesity prevention program Kids--'Go for your life'. *BMC Public Health* 2010;10:288.

Delahanty L, Kriska A, Edelstein S, Amodei N, Chadwick J, Copeland K, et al. Self-reported dietary intake of youth with recent onset of type 2 diabetes: results from the TODAY study. *J Acad Nutr Diet* 2013;113(3):431-9.

Dreyhaupt J, Koch B, Wirt T, Schreiber A, Brandstetter S, Kesztyus D, et al. Evaluation of a health promotion program in children: Study protocol and design of the cluster-randomized Baden-Wuerttemberg primary school study [DRKS-ID: DRKS00000494]. *BMC Public Health* 2012;12:157.

Dudley DA, Okely AD, Pearson P, Peat J. Engaging adolescent girls from linguistically diverse and low income backgrounds in school sport: a pilot randomised controlled trial. *J Sci Med Sport* 2010 Mar;13(2):217-24.

Dunn LL, Venturanza JA, Walsh RJ, Nonas CA. An observational evaluation of move-to-improve, a classroom-based physical activity program, New York City schools, 2010. *Prev Chronic Dis* 2012;9:E146.

Ehlers D, Huberty J, Beseler C. Is school community readiness related to physical activity before and after the Ready for Recess intervention? *HEALTH EDUC RES* 2013 Apr;28(2):192-204.

Elder JP, McKenzie TL, Arredondo EM, Crespo NC, Ayala GX. Effects of a multi-pronged intervention on children's activity levels at recess: the Aventuras para Ninos study. *Adv Nutr* 2011;2(2):171S-6S.

Evans WD, Christoffel KK, Necheles J, Becker AB, Snider J. Outcomes of the 5-4-3-2-1 Go! Childhood obesity community trial. *Am J Health Behav* 2011;35(2):189-98.

Finch M, Wolfenden L, Falkiner M, Edenden D, Pond N, Hardy LL, et al. Impact of a population based intervention to increase the adoption of multiple physical activity practices in centre based childcare services: a quasi experimental, effectiveness study. *Int j behav nutr phys act* 2012;9:101.

Flattum C, Friend S, Story M, Neumark-Sztainer D. Evaluation of an individualized counseling approach as part of a multicomponent school-based program to prevent weight-related problems among adolescent girls. *J Am Diet Assoc* 2011 Aug;111(8):1218-23.

Fletcher A, Wolfenden L, Wyse R, Bowman J, McElduff P, Duncan S. A randomised controlled trial and mediation analysis of the 'Healthy Habits', telephone-based dietary intervention for preschool children. *Int j behav nutr phys act* 2013;10.

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.

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.

Gibbs L, O'Connor T, Waters E, Booth M, Walsh O, Green J, et al. Addressing the potential adverse effects of school-based BMI assessments on children's wellbeing. *Int J Pediatr Obes* 2008;3(1):52-7.

Giralt M, Albaladejo R, Tarro L, Morina D, Arija V, Sola R. A primary-school-based study to reduce prevalence of childhood obesity in Catalunya (Spain)--EDAL-Educacio en alimentacio: study protocol for a randomised controlled trial. *Trials* 2011;12:54.

Glazebrook C, Batty MJ, Mullan N, Macdonald I, Nathan D, Sayal K, et al. Evaluating the effectiveness of a schools-based programme to promote exercise self-efficacy in children and young people with risk factors for obesity: steps to active kids (STAK). *BMC Public Health* 2011;11:830.

Going SB. Physical activity measurements: lessons learned from the pathways study. *J Public Health Manag Pract* 2010;16(5):420-5.

Gortmaker S, Lee R, Mozaffarian R, Sobol A, Nelson T, Roth B, et al. Effect of an After-School Intervention on Increases in Children's Physical Activity. *Medicine & Science in Sports & Exercise* 2012 Mar;44(3):450-7.

Granacher U, Goesele A, Roggo K, Wischer T, Fischer S, Zuerny C, et al. Effects and mechanisms of strength training in children. *INT J SPORTS MED* 2011;32(5):357-64.

Grydeland M, Bergh IH, Bjelland M, Lien N, Andersen LF, Ommundsen Y, et al. Intervention effects on physical activity: the HEIA study - a cluster randomized controlled trial. *Int j behav nutr phys act* 2013;10:17.

Hardy LL, King L, Kelly B, Farrell L, Howlett S. Munch and Move: Evaluation of a preschool healthy eating and movement skill program. *Int j behav nutr phys act* 2010;7.

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.

Harrabi I, Maatoug J, Gaha M, Kebaili R, Gaha R, Ghannem H. School-based Intervention to Promote Healthy Lifestyles in Sousse, Tunisia. *Indian J Community Med* 2010 Jan;35(1):94-9.

Hastmann T, Bopp M, Fallon E, Rosenkranz R, Dzewaltowski D. Factors Influencing the Implementation of Organized Physical Activity and Fruit and Vegetable Snacks in the HOP'N After-School Obesity Prevention Program. *J NUTR EDUC BEHAV* 2013 Jan;45(1):60-8.

HEALTHY Study Group, Mobley CC, Stadler DD, Staten MA, El Ghormli L, Gillis B, et al. Effect of nutrition changes on foods selected by students in a middle school-based diabetes prevention intervention program: the HEALTHY experience. *The Journal of school health* 2012;82(2):82-90.

Hearst M, Martin L, Rafdal B, Robinson R, McConnell S. Early childhood development and obesity risk-factors in a multi-ethnic, low-income community: Feasibility of the f\_~Five Hundred under Fivef\_T social determinants of health pilot study. *Health Educ J* 2013 Mar;72(2):203-15.

Heinrich KM, Dierenfield L, Alexander DA, Prose M, Peterson AC. Hawai'i's Opportunity for Active Living Advancement (HO'ALA): addressing childhood obesity through safe routes to school. *Hawaii Med J* 2011;70(7 Suppl 1):21-6.

Hesketh KD, Campbell K, Salmon J, McNaughton SA, McCallum Z, Cameron A, et al. The Melbourne Infant Feeding, Activity and Nutrition Trial (InFANT) Program follow-up. *Contemp Clin Trials* 2013;34(1):145-51.

Horodynski MA, Baker S, Coleman G, Auld G, Lindau J. The Healthy Toddlers Trial Protocol: an intervention to reduce risk factors for childhood obesity in economically and educationally disadvantaged populations. *BMC Public Health* 2011;11:581.

Horodyski MA, Olson B, Baker S, Brophy-Herb H, Auld G, Van Egeren L, et al. Healthy babies through infant-centered feeding protocol: an intervention targeting early childhood obesity in vulnerable populations. *BMC Public Health* 2011;11:868.

Irwin CC, Irwin RL, Miller ME, Somes GW, Richey PA. Get fit with the grizzlies: A community-school-home initiative to fight childhood obesity. *J SCH HEALTH* 2010;80(7):333-9.

Irwin C, Irwin R, Richey P, Miller M, Boddie J, Dickerson T. Get fit with the Grizzlies: a community-school-home initiative to fight childhood obesity led by a professional sports organization. *Stud Health Technol Inform* 2012;172:163-7.

Iversen CSS, Nigg C, Titchenal CA. The impact of an elementary after-school nutrition and physical activity program on children's fruit and vegetable intake, physical activity, and body mass index: Fun 5. *Hawaii Med J* 2011;70(7 Suppl 1):37-41.

Jago R, McMurray RG, Drews KL, Moe EL, Murray T, Pham TH, et al. HEALTHY intervention: Fitness, physical activity, and metabolic syndrome results. *Med Sci Sports Exerc* 2011;43(8):1513-22.

Jones RA, Warren JM, Okely AD, Collins CE, Morgan PJ, Cliff DP, et al. Process evaluation of the Hunter Illawarra Kids Challenge Using Parent Support study: a multisite randomized controlled trial for the management of child obesity. *HEALTH PROMOT PRACT* 2010;11(6):917-27.

Kipping RR, Jago R, Lawlor DA. Developing parent involvement in a school-based child obesity prevention intervention: A qualitative study and process evaluation. *J Public Health* 2012;34(2):236-44.

Kocken PL, Eeuwijk J, van Kesteren NMC, Dusseldorp E, Buijs G, Bassa-Dafesh Z, et al. Promoting the purchase of low-calorie foods from school vending machines: a cluster-randomized controlled study. *The Journal of school health* 2012;82(3):115-22.

Koulouglioti C, Cole R, McQuillan B, Moskow M, Kueppers J, Pigeon W. Feasibility of an Individualized, Home-Based Obesity Prevention Program for Preschool-Age Children. *Child Health Care* 2013 Apr;42(2):134-52.

Lawlor DA, Jago R, Noble SM, Chittleborough CR, Campbell R, Mytton J, et al. The Active for Life Year 5 (AFLY5) school based cluster randomised controlled trial: study protocol for a randomized controlled trial. *Trials* 2011;12:181.

Lee H, Contento IR, Koch P. Using a systematic conceptual model for a process evaluation of a middle school obesity risk-reduction nutrition curriculum intervention: choice, control & change. *Journal of Nutrition Education and Behavior* 2013;45(2):126-36.

LeMaster JW, Matisziw T, McElroy J, Nilon C, Sayers SP, Stanis SW. Playgrounds without borders: Methods for a playground environmental intervention among U.S. schoolchildren. *Internet J Epidemiol* 2011;10(1).

Li Y, Hu X, Zhang Q, Liu A, Fang H, Hao L, et al. The nutrition-based comprehensive intervention study on childhood obesity in China (NISCOC): a randomised cluster controlled trial. *BMC Public Health* 2010;10:229.

Looney SM, Raynor HA. Impact of portion size and energy density on snack intake in preschool-aged children. *J AM DIET ASSOC* 2011;111(3):414-8.



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.

Lynch WC, Martz J, Eldridge G, Bailey SJ, Benke C, Paul L. Childhood obesity prevention in rural settings: background, rationale, and study design of '4-Health,' a parent-only intervention. *BMC Public Health* 2012;12:255.

Maddison R, Mhurchu CN, Foley L, Epstein L, Jiang Y, Tsai M, et al. Screen-time weight-loss intervention targeting children at home (SWITCH): a randomized controlled trial study protocol. *BMC Public Health* 2011;11:524.

Maes L, Cook TL, Ottovaere C, Matthijs C, Moreno LA, Kersting M, et al. Pilot evaluation of the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Food-O-Meter, a computer-tailored nutrition advice for adolescents: a study in six European cities. *Public Health Nutr* 2011;14(7):1292-302.

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.

Martinez-Vizcaino V, Sanchez-Lopez M, Salcedo-Aguilar F, Notario-Pacheco B, Solera-Martinez M, Moya-Martinez P, et al. Protocol of a randomized cluster trial to assess the effectiveness of the MOVI-2 program on overweight prevention in schoolchildren. *Rev Esp Cardiol (Engl)* 2012;65(5):427-33.

Mauriello LM, Ciavatta MM, Paiva AL, Sherman KJ, Castle PH, Johnson JL, et al. Results of a multi-media multiple behavior obesity prevention program for adolescents. *Prev Med* 2010 Dec;51(6):451-6.

McMinn D, Rowe DA, Murtagh S, Nelson NM. The effect of a school-based active commuting intervention on children's commuting physical activity and daily physical activity. *PREV MED* 2012;54(5):316-8.

Meinen A, Friese B, Wright W, Carrel A. Youth Gardens Increase Healthy Behaviors in Young Children. *J Hunger Environ Nutr* 2012;7(2-3):192-204.

Mendoza JA, Watson K, Baranowski T, Nicklas TA, Uscanga DK, Hanfling MJ. The walking school bus and children's physical activity: a pilot cluster randomized controlled trial. *Pediatrics* 2011;128(3):e537-e544.

Monteiro SMDR, Jancey J, Howat P, Burns S, Jones C, Dhaliwal SS, et al. The protocol of a randomized controlled trial for playgroup mothers: Reminder on Food, Relaxation, Exercise, and Support for Health (REFRESH) Program. *BMC Public Health* 2011;11:648.

Morgan PJ, Lubans DR, Plotnikoff RC, Callister R, Burrows T, Fletcher R, et al. The 'Healthy Dads, Healthy Kids' community effectiveness trial: study protocol of a community-based healthy lifestyle program for fathers and their children. *BMC Public Health* 2011;11:876.

Novotny R, Vijayadeva V, Ramirez V, Lee SK, Davison N, Gittelsohn J. Development and implementation of a food system intervention to prevent childhood obesity in rural Hawai'i. *Hawaii Med J* 2011;70(7 Suppl 1):42-6.

Nyberg G, Sundblom E, Norman A, Elinder LS. A healthy school start - parental support to promote healthy dietary habits and physical activity in children: design and evaluation of a cluster-randomised intervention. *BMC Public Health* 2011;11:185.

Ostbye T, Zucker NL, Krause KM, Lovelady CA, Evenson KR, Peterson BL, et al. Kids and adults now! Defeat Obesity (KAN-DO): rationale, design and baseline characteristics. *Contemp Clin Trials* 2011;32(3):461-9.

Prelip M, Slusser W, Thai CL, Kinsler J, Erausquin JT. Effects of a school-based nutrition program diffused throughout a large urban community on attitudes, beliefs, and behaviors related to fruit and vegetable consumption. *J SCH HEALTH* 2011;81(9):520-9.

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

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.

Romero AJ. A pilot test of the Latin active hip hop intervention to increase physical activity among low-income Mexican American adolescents. *Am J Health Promot* 2012;26(4):208-2011.

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.

Rush E, Reed PW, Simmons D, Coppinger T, McLennan S, Graham D. Baseline measures for a school-based obesity control programme: Project Energize: Differences by ethnicity, rurality, age and school socio-economic status. *J Paediatr Child Health* 2013;49(4):E324-E331.

Savage J, Fisher J, Marini M, Birch L. Serving smaller age-appropriate entree portions to children aged 3-5 y increases fruit and vegetable intake and reduces energy density and energy intake at lunch. *Am J Clin Nutr* 2012 Feb;95(2):335-41.

Scheinmann R, Chiasson MA, Hartel D, Rosenberg TJ. Evaluating a bilingual video to improve infant feeding knowledge and behavior among immigrant Latina mothers. *J COMMUNITY HEALTH* 2010;35(5):464-70.

Schetzina KE, Dalton WT, III, Pfortmiller DT, Robinson HF, Lowe EF, Stern HP. The Winning with Wellness pilot project: rural Appalachian elementary student physical activity and eating behaviors and program implementation 4 years later. *Fam Community Health* 2011 Apr;34(2):154-62.

Shah S, Sluijs C, Lagleva M, Pesle A, Lim KS, Bittar H, et al. A partnership for health - Working with schools to promote healthy lifestyle. *Aust Fam Physician* 2011 Dec;40(12):1011-3.

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.

Siega-Riz AM, Ghormli L, Mobley C, Gillis B, Stadler D, Hartstein J, et al. The effects of the HEALTHY study intervention on middle school student dietary intakes. *Int j behav nutr phys act* 2011;8:7.

Siegrist M, Hanssen H, Lammel C, Haller B, Halle M. A cluster randomised school-based lifestyle intervention programme for the prevention of childhood obesity and related early cardiovascular disease (JuventUM 3). *BMC Public Health* 2011;11:258.

Skouteris H, McCabe M, Swinburn B, Hill B. Healthy eating and obesity prevention for preschoolers: a randomised controlled trial. *BMC Public Health* 2010;10:220.

Skouteris H, McCabe M, Swinburn B, Hill B. Healthy eating and obesity prevention for preschoolers: a randomised controlled trial. *BMC Public Health* 2010;10:220.

Sobko T, Svensson V, Ek A, Ekstedt M, Karlsson H, Johansson E, et al. A randomised controlled trial for overweight and obese parents to prevent childhood obesity--Early STOPP (STockholm Obesity Prevention Program). *BMC Public Health* 2011;11:336.

Stark CM, Graham-Kiefer ML, Devine CM, Dollahite JS, Olson CM. Online course increases nutrition professionals' knowledge, skills, and self-efficacy in using an ecological approach to prevent childhood obesity. *Journal of Nutrition Education and Behavior* 2011;43(5):316-22.

Steele M, Steele R, Cushing C. Weighing the Pros and Cons in Family-Based Pediatric Obesity Intervention: Parent and Child Decisional Balance as a Predictor of Child Outcomes. *Child Health Care* 2012 Jan 31;41(1):43-55.

Stockton MB, McClanahan BS, Lanctot JQ, Klesges RC, Beech BM. Identification of facilitators and barriers to participation in weight gain prevention research by African American girls. *Contemp Clin Trials* 2012;33(1):38-45.

Sweat V, Bruzzese JM, Albert S, Pinero DJ, Fierman A, Convit A. The Banishing Obesity and Diabetes in Youth (BODY) Project: description and feasibility of a program to halt obesity-associated disease among urban high school students. *J COMMUNITY HEALTH* 2012;37(2):365-71.

Swinburn BA, Millar L, Utter J, Kremer P, Moodie M, Mavoa H, et al. The Pacific Obesity Prevention in Communities project: project overview and methods. *Obes Rev* 2011;12 Suppl 2:3-11.

Taveras EM, McDonald J, O'Brien A, Haines J, Sherry B, Bottino CJ, et al. Healthy Habits, Happy Homes: Methods and baseline data of a randomized controlled trial to improve household routines for obesity prevention. *PREV MED* 2012;55(5):418-26.

Taylor BJ, Heath AL, Galland BC, Gray AR, Lawrence JA, Sayers RM, et al. Prevention of Overweight in Infancy (POI.nz) study: a randomised controlled trial of sleep, food and activity interventions for preventing overweight from birth. *BMC Public Health* 2011;11:942.

Taylor RW, Brown D, Dawson AM, Haszard J, Cox A, Rose EA, et al. Motivational interviewing for screening and feedback and encouraging lifestyle changes to reduce relative weight in 4-8 year old children: design of the MInt study. *BMC Public Health* 2010;10:271.

Teufel J, Holtgrave P, Dinman M, Werner D. An intergenerational, volunteer-led approach to healthy eating and active living: CATCH healthy habits. *Journal of Intergenerational Relationships* 2012;10(2):179-83.

Timmons BW, Proudfoot NA, MacDonald MJ, Bray SR, Cairney J. The health outcomes and physical activity in preschoolers (HOPP) study: rationale and design. *BMC Public Health* 2012;12:284.

Toftager M, Christiansen LB, Kristensen PL, Troelsen J. SPACE for physical activity--a multicomponent intervention study: study design and baseline findings from a cluster randomized controlled trial. *BMC Public Health* 2011;11:777.

Tompkins CL, Hopkins J, Goddard L, Brock DW. The effect of an unstructured, moderate to vigorous, before-school physical activity program in elementary school children on academics, behavior, and health. *BMC Public Health* 2012;12:300.

Tyo B, R., Coe D, Feito Y, Thompson D. Effect of BMI on Pedometers in Early Adolescents under Free-Living Conditions. *Medicine & Science in Sports & Exercise* 2013 Mar;45(3):569-73.

Van Ryzin MJ, Nowicka P. Direct and indirect effects of a family-based intervention in early adolescence on parent-youth relationship quality, late adolescent health, and early adult obesity. *Journal of Family Psychology* 2013;27(1):106-16.

van Stralen MM, de Meij J, te Velde SJ, van der Wal MF, van Mechelen W, Knol DL, et al. Mediators of the effect of the JUMP-in intervention on physical activity and sedentary behavior in Dutch primary schoolchildren from disadvantaged neighborhoods. *Int j behav nutr phys act* 2012;9:131.

Van LW, van SM, Verloigne M, De B, I, Deforche B, Brug J, et al. Mediating effects of home-related factors on fat intake from snacks in a school-based nutrition intervention among adolescents. *HEALTH EDUC RES* 2012;27(1):36-45.

Varea A, Malpeli A, Etchegoyen G, Vojkovic M, Disalvo L, Apezteguia M, et al. Short-term evaluation of the impact of a food program on the micronutrient nutritional status of Argentinean children under the age of six. *Biol Trace Elem Res* 2011;143(3):1337-48.

Verbestel V, De HS, Maes L, Haerens L, Marild S, Eiben G, et al. Using the intervention mapping protocol to develop a community-based intervention for the prevention of childhood obesity in a multi-centre European project: the IDEFICS intervention. *Int j behav nutr phys act* 2011;8:82.

Visram S, Hall T, Geddes L. Getting the balance right: qualitative evaluation of a holistic weight management intervention to address childhood obesity. *J PUBLIC HEALTH* 2013 Jun;35(2):246-54.

Wansink B, Shimizu M, Camps G. What would Batman eat?: priming children to make healthier fast food choices. *Pediatric Obesity* 2012;7(2):121-3.

Ward DS, Vaughn AE, Bangdiwala KI, Campbell M, Jones DJ, Panter AT, et al. Integrating a family-focused approach into child obesity prevention: rationale and design for the My Parenting SOS study randomized control trial. *BMC Public Health* 2011;11:431.

Wen LM, Baur LA, Rissel C, Flood V, Simpson JM, Hayes A, et al. Healthy Beginnings Trial Phase 2 study: follow-up and cost-effectiveness analysis. *Contemp Clin Trials* 2012;33(2):396-401.

Werner D, Teufel J, Holtgrave PL, Brown SL. Active generations: an intergenerational approach to preventing childhood obesity. *The Journal of school health* 2012;82(8):380-6.

Whitt-Glover MC, Ham SA, Yancey AK. Instant Recess[REGISTERED]: a practical tool for increasing physical activity during the school day. *Prog community health partnersh* 2011;5(3):289-97.

Wijesuriya M, Gulliford M, Vasantharajah L, Viberti G, Gnudi L, Karalliedde J. DIABRISK-SL prevention of cardio-metabolic disease with life style modification in young urban Sri Lankan's--study protocol for a randomized controlled trial. *Trials* 2011;12:209.

Willi SM, Hirst K, Jago R, Buse J, Kaufman F, El Ghormli L, et al. Cardiovascular risk factors in multi-ethnic middle school students: The HEALTHY primary prevention trial. *Pediatric Obesity* 2012;7(3):230-9.

Williamson DA, Han H, Johnson WD, Martin CK, Newton RLJ. Modification of the school cafeteria environment can impact childhood nutrition. Results from the Wise Mind and LA Health studies. *Appetite* 2013;61(1):77-84.

Willis T, Potrata B, Hunt C, J. Training community practitioners to work more effectively with parents to prevent childhood obesity: the impact of HENRY upon Children's Centres and their staff. *J HUM NUTR DIET* 2012 Oct;25(5):460-8.

Wilson AM, Magarey AM, Dollman J, Jones M, Mastersson N. The challenges of quantitative evaluation of a multi-setting, multi-strategy community-based childhood obesity prevention programme: lessons learnt from the eat well be active Community Programs in South Australia. *Public Health Nutr* 2010 Aug;13(8):1262-70.

Wilson AM, Magarey AM, Dollman J, Jones M, Mastersson N. The challenges of quantitative evaluation of a multi-setting, multi-strategy community-based childhood obesity prevention programme: lessons learnt from the eat well be active Community Programs in South Australia. *Public Health Nutr* 2010;13(8):1262-70.

Xu F, Ware RS, Tse LA, Wang Z, Hong X, Song A, et al. A school-based comprehensive lifestyle intervention among chinese kids against obesity (CLICK-Obesity): rationale, design and methodology of a randomized controlled trial in Nanjing city, China. *BMC Public Health* 2012;12:316.

Yin Z, Hanes J, Jr., Moore JB, Humbles P, Barbeau P, Gutin B. An after-school physical activity program for obesity prevention in children: the Medical College of Georgia FitKid Project - Project Account [child of RefID 75051]. *Eval Health Prof* 2005 Mar;28(1):67-89.

Zakrzewski J, Tolfrey K. Acute Effect of Fat<sub>max</sub> Exercise on the Metabolism in Overweight and Nonoverweight Girls. *Medicine & Science in Sports & Exercise* 2012 Sep;44(9):1698-705.

Ziebarth D, Healy-Haney N, Gnadt B, Cronin L, Jones B, Jensen E, et al. A community-based family intervention program to improve obesity in Hispanic families. *WMJ : official publication of the State Medical Society of Wisconsin* 2012;111(6):261-6.

## **Intervention**

Brotman LM, Dawson-McClure S, Huang KY, Theise R, Kamboukos D, Wang J, et al. Early childhood family intervention and long-term obesity prevention among high-risk minority youth. *Pediatrics* 2012;129(3):e621-8.

GreenMills L, Davison K, Gordon K, Kaigang L, Jurkowski J. Evaluation of a Childhood Obesity Awareness Campaign Targeting Head Start Families: Designed by Parents for Parents. *J HEALTH CARE POOR UNDERSERV* 2013 May 2;24(2, Supp):25-33.

Pigford AA, Willows ND, Holt NL, Newton AS, Ball GD. Using first nations children's perceptions of food and activity to inform an obesity prevention strategy. *QUAL HEALTH RES* 2012 Jul;22(7):986-96.

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. *Int J Eating Disord* 2010 Dec;43(8):701-6.

## Duration

Annesi JJ, Smith AE, Tennant G. Cognitive-behavioural physical activity treatment in African-American pre-schoolers: Effects of age, sex, and BMI. *J Paediatr Child Health* 2013;49(2):E128-E132.

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.

Baranowski T, Baranowski J, Thompson D, Buday R, Jago R, Griffith MJ, et al. Video game play, child diet, and physical activity behavior change a randomized clinical trial. *Am J Prev Med* 2011 Jan;40(1):33-8.

Birken CS, Maguire J, Mekky M, Manlhiot C, Beck CE, DeGroot J, et al. Office-based randomized controlled trial to reduce screen time in preschool children. *Pediatrics* 2012;130(6):1110-5.

Buchan DS, Ollis S, Thomas NE, Buchanan N, Cooper SM, Malina RM, et al. Physical activity interventions: effects of duration and intensity. *SCAND J MED SCI SPORTS* 2011;21(6):e341-e350.

Buchan DS, Young JD, Simpson AD, Thomas NE, Cooper SM, Baker JS. The effects of a novel high intensity exercise intervention on established markers of cardiovascular disease and health in Scottish adolescent youth. *J Public Health Res* 2012;1(2):155-7.

Chen JL, Weiss S, Heyman MB, Lustig RH. Efficacy of a child-centred and family-based program in promoting healthy weight and healthy behaviors in Chinese American children: a randomized controlled study. *J Public Health (Oxf)* 2010 Jun;32(2):219-29.

Chen JL, Weiss S, Heyman MB, Cooper B, Lustig RH. The efficacy of the web-based childhood obesity prevention program in Chinese American adolescents (Web ABC study). *J Adolesc Health* 2011 Aug;49(2):148-54.

Chen JL, Weiss S, Heyman M, Cooper B, Lustig R. Web-based active balance childhood study for Chinese-American adolescents. *Communicating Nursing Research* 2011 Mar;44:263.

De BM, Derraik JGB, Brennan CM, Biggs JB, Smith GC, Cameron-Smith D, et al. Psyllium supplementation in adolescents improves fat distribution & lipid profile: A randomized, participant-blinded, placebo-controlled, crossover trial. *PLoS ONE* 2012;7(7).

Dennison BA, Russo TJ, Burdick PA, Jenkins PL. An intervention to reduce television viewing by preschool children. *Arch Pediatr Adolesc Med* 2004 Feb;158(2):170-6.

Ezendam NPM, Brug J, Oenema A. Evaluation of the Web-based computer-tailored FATaintPHAT intervention to promote energy balance among adolescents: results from a school cluster randomized trial. *Arch Pediatr Adolesc Med* 2012;166(3):248-55.

Francis M, Nichols SS, Dalrymple N. The effects of a school-based intervention programme on dietary intakes and physical activity among primary-school children in Trinidad and Tobago. *Public Health Nutr* 2010 May;13(5):738-47.

Howe CA, Freedson PS, Alhassan S, Feldman HA, Osganian SK. A recess intervention to promote moderate-to-vigorous physical activity. *Pediatric Obesity* 2012;7(1):82-8.

Huang SY, Hogg J, Zandieh S, Bostwick SB. A ballroom dance classroom program promotes moderate to vigorous physical activity in elementary school children. *Am J Health Promot* 2012;26(3):160-5.

Klein D, De Toia D, Weber S, Wessely N, Koch B, Dordel S, et al. Effects of a low threshold health promotion intervention on the BMI in pre-school children under consideration of parental participation. *e-SPEN* 2010;5(3):e125-e131.

Manger W, Manger L, Minno A, Killmeyer M, Holzman R, Schullinger J, et al. Obesity Prevention in Young Schoolchildren: Results of a Pilot Study. *J SCH HEALTH* 2012 Oct;82(10):462-8.

Moore BA, O'Donohue WT. Evaluating a web-based cognitive behavioral intervention for the prevention and treatment of pediatric obesity. [References]. *Stepped care and e-health: Practical applications to behavioral disorders*. New York, NY: Springer Science + Business Media; US; 2010. p. 137-49.

Moyer-Mileur LJ, Haley S, Slater H, Beachy J, Smith SL. Massage improves growth quality by decreasing body fat deposition in male preterm infants. *J Pediatr* 2013;162(3):490-5.

Paul IM, Savage JS, Anzman SL, Beiler JS, Marini ME, Stokes JL, et al. Preventing obesity during infancy: a pilot study. *Obesity (Silver Spring)* 2011;19(2):353-61.

Plachta-Danielzik S, Landsberg B, Lange D, Seiberl J, Muller MJ. Eight-year follow-up of school-based intervention on childhood overweight--the Kiel Obesity Prevention Study. *Obes Facts* 2011;4(1):35-43.

Prins RG, Brug J, van Empelen P, Oenema A. Effectiveness of YouRAction, an intervention to promote adolescent physical activity using personal and environmental feedback: a cluster RCT. *PLoS ONE* 2012;7(3):e32682.

Toruner EK, Savaser S. A controlled evaluation of a school-based obesity prevention in Turkish school children. *J Sch Nurs* 2010 Dec;26(6):473-82.

Wake M, Price A, Clifford S, Ukoumunne OC, Hiscock H. Does an intervention that improves infant sleep also improve overweight at age 6? Follow-up of a randomised trial. *Arch Dis Child* 2011 Jun;96(6):526-32.

Wright K, Norris K, Newman Giger J, Suro Z. Improving healthy dietary behaviors, nutrition knowledge, and self-efficacy among underserved school children with parent and community involvement. *Child obes* 2012;8(4):347-56.

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 parallel-group, randomized control trial. *INT J NURS STUD* 2013;50(6):727-37.



## **Cochrane Only – not available in English or French**

Keller A, Klossek A, Gausche R, Hoepffner W, Kiess W, Keller E. [Prevention for obesity in children [Gezielte primäre Adipositasprävention bei Kindern]. Deutsche Medizinische Wochenschrift 2009;134:13-8.

Moya MP, Sanchez LM, Lopez BJ, Escribano SF, Notario PB, Salcedo AF, et al. [Cost-effectiveness of an intervention to reduce overweight and obesity in 9-10-year-olds. The Cuenca study]. Gac Sanit 2011 May;25(3):198-204.

Muckelbauer R, Libuda L, Clausen K, Kersting M. [Approaches for the prevention of overweight through modified beverage consumption in the elementary school setting. The "trinkfit" study]. Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz 2011 Mar;54(3):339-48.

## Study Design

Adams AK, LaRowe TL, Cronin KA, Prince RJ, Wubben DP, Parker T, et al. The Healthy Children, Strong Families intervention: design and community participation. *J Prim Prev* 2012;33(4):175-85.

Almas A, Islam M, Jafar TH. School-based physical activity programme in preadolescent girls (9-11 years): A feasibility trial in Karachi, Pakistan. *Arch Dis Child* 2013;98(7):515-9.

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.

Aryana M, Li Z, Bommer WJ. Obesity and physical fitness in California school children. *Am Heart J* 2012;163(2):302-12.

Balas-Nakash M, Benitez-Arciniega A, Perichart-Perera O, Valdes-Ramos R, Vadillo-Ortega F. The effect of exercise on cardiovascular risk markers in Mexican school-aged children: comparison between two structured group routines. *Salud Publica Mex* 2010 Sep;52(5):398-405.

Barbeau P, Johnson MH, Howe CA, Allison J, Davis CL, Gutin B, et al. Ten months of exercise improves general and visceral adiposity, bone, and fitness in black girls. *Obesity* 2007;15(8):2077-85.

Bohnert AM, Ward AK. Making a difference: Evaluating the Girls in the Game (GIG) after-school program. *The Journal of Early Adolescence* 2013;33(1):104-30.

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

Bruss MB, Michael TJ, Morris JR, Applegate B, Dannison L, Quitugua JA, et al. Childhood obesity prevention: an intervention targeting primary caregivers of school children. *Obesity (Silver Spring)* 2010 Jan;18(1):99-107.

Bugge A, El-Naaman B, Dencker M, Froberg K, K., McMurray R, et al. Effects of a Three-Year Intervention: The Copenhagen School Child Intervention Study. *Medicine & Science in Sports & Exercise* 2012 Jul;44(7):1310-7.

Burguera B, Colom A, Pinero E, Yanez A, Caimari M, Tur J, et al. ACTYBOSS: activity, behavioral therapy in young subjects--after-school intervention pilot project on obesity prevention. *Obes Facts* 2011;4(5):400-6.

Campos Pastor MM, Serrano Pardo MD, Fernandez Soto ML, Luna Del Castillo JD, Escobar-Jimenez F. Impact of a 'school-based' nutrition intervention on anthropometric parameters and the metabolic syndrome in Spanish adolescents. *Ann Nutr Metab* 2012;61(4):281-8.

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.

Chafin C, Edwards MJ, Morgan D, Isom P, Morgan D. A-B-C-1-2-3 Healthy Kids in Tennessee - Let's Eat Well, Play, and Be Aware Every Day: a preliminary report. *Stud Health Technol Inform* 2012;172:144-9.

Choudhry S, McClinton-Powell L, Solomon M, Davis D, Lipton R, Darukhanavala A, et al. Power-up: a collaborative after-school program to prevent obesity in African American children. *Prog community health partnersh* 2011;5(4):363-73.

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.

Davis JN, Ventura EE, Cook LT, Gyllenhammer LE, Gatto NM. LA Sprouts: a gardening, nutrition, and cooking intervention for Latino youth improves diet and reduces obesity. *J Am Diet Assoc* 2011 Aug;111(8):1224-30.

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, Nichols M, Crellin M, Smith M, et al. Reducing obesity in early childhood: results from Romp & Chomp, an Australian community-wide intervention program. *Am J Clin Nutr* 2010 Apr;91(4):831-40.

Delgado-Rico E, Rio-Valle JS, Abein-Urios N, Caracuel A, Gonzalez-Jimenez E, Piqueras MJ, et al. Effects of a multicomponent behavioral intervention on impulsivity and cognitive deficits in adolescents with excess weight. *Behav Pharmacol* 2012;23(5-6):609-15.

Donnelly JE, Greene JL, Gibson CA, Smith BK, Washburn RA, Sullivan DK, et al. Physical Activity Across the Curriculum (PAAC): a randomized controlled trial to promote physical activity and diminish overweight and obesity in elementary school children. *Prev Med* 2009 Oct;49(4):336-41.

Elinder LS, Heinemans N, Hagberg J, Quetel AK, Hagstromer M. A participatory and capacity-building approach to healthy eating and physical activity- SCIP-school: a 2-year controlled trial. *Int j behav nutr phys act* 2012;9:145.

Fotu KF, Millar L, Mavoia H, Kremer P, Moodie M, Snowdon W, et al. Outcome results for the Ma'alahi Youth Project, a Tongan community-based obesity prevention programme for adolescents. *Obes Rev* 2011 Nov;12 Suppl 2:41-50.

Fulkerson JA, Hannan P, Rock BH, Smyth M, Himes JH, Story M. Food responsiveness, parental food control and anthropometric outcomes among young American Indian children: cross-sectional and prospective findings. *Ethn Dis* 2013;23(2):136-42.

Greve J, Andersen LB. Enlightenment and measurement - a way to improve health among high school students. *J SPORTS SCI* 2012;30(12):1199-205.

Guagliano JM, Rosenkranz RR. Physical activity promotion and obesity prevention in Girl Scouts: Scouting Nutrition and Activity Program+. *PEDIATR INT* 2012;54(6):810-5.

Harrison M, Burns CF, McGuinness M, Heslin J, Murphy NM. Influence of a health education intervention on physical activity and screen time in primary school children: 'Switch Off--Get Active'. *J Sci Med Sport* 2006 Oct;9(5):388-94.

Hatzis CM, Papandreou C, Kafatos AG. School health education programs in Crete: evaluation of behavioural and health indices a decade after initiation. *Prev Med* 2010 Sep;51(3-4):262-7.

Hawthorne A, Shaibi G, Gance-Cleveland B, McFall S. Grand Canyon Trekkers: school-based lunchtime walking program. *J Sch Nurs* 2011 Feb;27(1):43-50.

Hendy HM, Williams KE, Camise TS. Kid's Choice Program improves weight management behaviors and weight status in school children. *Appetite* 2011 Apr;56(2):484-94.

Herrick H, Thompson H, Kinder J, Madsen K. Use of SPARK to Promote After-School Physical Activity. *J SCH HEALTH* 2012 Oct;82(10):457-61.

Hoelscher DM, Springer AE, Ranjit N, Perry CL, Evans AE, Stigler M, et al. Reductions in child obesity among disadvantaged school children with community involvement: the Travis County CATCH Trial. *Obesity (Silver Spring)* 2010 Feb;18 Suppl 1:S36-S44.

Hogg J, Diaz A, Del Cid M, Mueller C, Lipman EG, Cheruvu S, et al. An after-school dance and lifestyle education program reduces risk factors for heart disease and diabetes in elementary school children. *J Pediatr Endocrinol* 2012;25(5-6):509-16.

Holm K, Wyatt H, Murphy J, Hill J, Odgen L. Parental influence on child change in physical activity during a family-based intervention for child weight gain prevention. *J Phys Act Health* 2012;9(5):661-9.

Huberty JL, Beets MW, Beighle A, Welk G. Environmental modifications to increase physical activity during recess: preliminary findings from ready for recess. *J Phys Act Health* 2011;8 Suppl 2:S249-S256.

Iversen CS, Nigg C, Titchenal CA. The impact of an elementary after-school nutrition and physical activity program on children's fruit and vegetable intake, physical activity, and body mass index: Fun 5. *Hawaii Med J* 2011 Jul;70(7 Suppl 1):37-41.

Johnston CA, Moreno JP, El-Mubasher A, Gallagher M, Tyler C, Woehler D. Impact of a school-based pediatric obesity prevention program facilitated by health professionals. *The Journal of school health* 2013;83(3):171-81.

Kain J, Uauy R, Albala, Vio F, Cerda R, Leyton B. School-based obesity prevention in Chilean primary school children: methodology and evaluation of a controlled study. *Int J Obes Relat Metab Disord* 2004 Apr;28(4):483-93.

Karanja N, Lutz T, Ritenbaugh C, Maupome G, Jones J, Becker T, et al. The TOTS community intervention to prevent overweight in American Indian toddlers beginning at birth: a feasibility and efficacy study. *J COMMUNITY HEALTH* 2010;35(6):667-75.

Kelishadi R, Ziaee V, Ardalan G, Namazi A, Noormohammadpour P, Ghayour-Mobarhan M, et al. A National Experience on Physical Activity Initiatives for Adolescent Girls and their Mothers: CASPIAN Study. *Iran J Pediatr* 2010 Dec;20(4):420-6.

Kelishadi R, Mohammadifard N, Sarrazadegan N, Nouri F, Pashmi R, Bahonar A, et al. The effects of a comprehensive community trial on cardiometabolic risk factors in adolescents: Isfahan Healthy Heart Program. *ARYA Atheroscler* 2012;7(4):184-90.

Kelishadi R, Hashemipour M, Sheikh-Heidar A, Ghatreh-Samani S. Changes in serum lipid profile of obese or overweight children and adolescents following a lifestyle modification course. *ARYA Atheroscler* 2012;8(3):143-8.

Klish WJ, Karavias KE, White KS, Balch AJ, Fraley JK, Mikhail C, et al. Multicomponent school-initiated obesity intervention in a high-risk, Hispanic elementary school. *J Pediatr Gastroenterol Nutr* 2012;54(1):113-6.

Kremer P, Waqa G, Vanualailai N, Schultz JT, Roberts G, Moodie M, et al. Reducing unhealthy weight gain in Fijian adolescents: results of the Healthy Youth Healthy Communities study. *Obes Rev* 2011 Nov;12 Suppl 2:29-40.

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.

Lau C, Stevens D, Jia J. Effects of an Occupation-Based Obesity Prevention Program for Children at Risk. *Occupational Therapy in Health Care* 2013 Apr;27(2):163-75.

Lee K, Laoire S. Head Start Impact on Children's Obesity: Moderation Effects of Family Risk Factors. *Research on Social Work Practice* 2013;23(1):73-80.

Martin RM, Patel R, Kramer MS, Guthrie L, Vilchuck K, Bogdanovich N, et al. Effects of promoting longer-term and exclusive breastfeeding on adiposity and insulin-like growth factor-I at age 11.5 years: a randomized trial. *JAMA : the journal of the American Medical Association* 2013;309(10):1005-13.

Mennella JA, Ventura AK, Beauchamp GK. Differential growth patterns among healthy infants fed protein hydrolysate or cow-milk formulas. *Pediatrics* 2011;127(1):110-8.

Millar L, Kremer P, de Silva-Sanigorski A, McCabe MP, Mavoja H, Moodie M, et al. Reduction in overweight and obesity from a 3-year community-based intervention in Australia: the 'It's Your Move!' project. *Obes Rev* 2011 Nov;12 Suppl 2:20-8.

Mustila T, Raitanen J, Keskinen P, Saari A, Luoto R. Pragmatic controlled trial to prevent childhood obesity in maternity and child health care clinics: Pregnancy and infant weight outcomes (The VACOPP Study). *BMC Pediatr* 2013;13(1).

Rzehak P, Sausenthaler S, Koletzko S, Reinhardt D, von B, ħmer U, et al. Long-term effects of hydrolyzed protein infant formulas on growth--extended follow-up to 10 y of age: results from the German Infant Nutritional Intervention (GINI) study. *Am J Clin Nutr* 2011 Dec 2;94(6S):1803S-1807.

Sandercock G, Cohen D, Griffin M. Evaluation of a multicomponent intervention to improve weight status and fitness in children: Upstarts. *PEDIATR INT* 2012 Dec;54(6):911-7.

Sanigorski AM, Bell AC, Kremer PJ, Cuttler R, Swinburn BA. Reducing unhealthy weight gain in children through community capacity-building: results of a quasi-experimental intervention program, Be Active Eat Well. *Int J Obes (Lond)* 2008 Jul;32(7):1060-7.

Shofan Y, Kedar O, Branski D, Berry E, Wilschanski M. A school-based program of physical activity may prevent obesity. *Eur J Clin Nutr* 2011 Jun;65(6):768-70.

Sigmund E, El Ansari W, Sigmundova D. Does school-based physical activity decrease overweight and obesity in children aged 6-9 years? A two-year non-randomized longitudinal intervention study in the Czech Republic. *BMC Public Health* 2012;12:570.

Simmons S, Alexander J, Ewing H, Whetzel S. SNAP Participation in Preschool-Aged Children and Prevalence of Overweight and Obesity. *J SCH HEALTH* 2012 Nov 15;82(12):548-52.

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

Spiegel SA, Foulk D. Reducing overweight through a multidisciplinary school-based intervention. *Obesity (Silver Spring)* 2006 Jan;14(1):88-96.

Taveras EM, Blackburn K, Gillman MW, Haines J, McDonald J, Price S, et al. First steps for mommy and me: a pilot intervention to improve nutrition and physical activity behaviors of postpartum mothers and their infants. *Maternal and child health journal* 2011;15(8):1217-27.

Taylor RW, McAuley KA, Barbezat W, Farmer VL, Williams SM, Mann JI. Two-year follow-up of an obesity prevention initiative in children: the APPLE project. *Am J Clin Nutr* 2008 Nov;88(5):1371-7.

Tucker S, Lanningham-Foster L, Murphy J, Olsen G, Orth K, Voss J, et al. A school based community partnership for promoting healthy habits for life. *J COMMUNITY HEALTH* 2011 Jun;36(3):414-22.

Utter J, Scragg R, Robinson E, Warbrick J, Faeamani G, Foroughian S, et al. Evaluation of the Living 4 Life project: a youth-led, school-based obesity prevention study. *Obes Rev* 2011 Nov;12 Suppl 2:51-60.

Virtanen SM, Bärlund S, Salonen M, Savilahti E, Reunanen A, Paronen J, et al. Feasibility and compliance in a nutritional primary prevention trial in infants at increased risk for type 1 diabetes. *Acta paediatrica (Oslo, Norway : 1992)* 2011;100(4):557-64.

Watson-Jarvis K, Johnston C, Clark C. Evaluation of a family education program for overweight children and adolescents. *Canadian journal of dietetic practice and research : a publication of Dietitians of Canada = Revue canadienne de la pratique et de la recherche en dietetique : une publication des Dietetistes du Canada* 2011;72(4):191-6.

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.

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

Winter SM, Sass DA. Healthy & Ready to Learn: Examining the efficacy of an early approach to obesity prevention and school readiness. *Journal of Research in Childhood Education* 2011;25(3):304-25.

Yin Z, Parra-Medina D, Cordova A, He M, Trummer V, Sosa E, et al. Miranos! Look at us, we are healthy! An environmental approach to early childhood obesity prevention. *Child obes* 2012;8(5):429-39.