Evidence Table E8. Loss of control of eating: Children – Part 8

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Boutelle, 20111 | BMI | BMIG1: 26.17 (SD 3.21)G2: 28.60 (SD 4.57) | Observed meansPost-treatment BMIG1: 26.12 (SD 2.95)G2: 28.98 (SD 4.69)G2 statistically significant within-group difference on change from baseline: BMI increased 0.34 from BL (t=2.17, p=0.037)Observed means6m BMIG1: 26.55 (SD 3.08)G2: 29.44 (SD 4.79)G2 statistically significant within-group difference on change from baseline: BMI increased 0.79 from BL (t=3.42, p=0.005)Observed means12m BMIG1: 28.09 (SD 4.50)G2: 30.65 (SD 5.07)G2 statistically significant within-group difference on change from baseline: BMI increased 1.30 from BL (t=2.86, p=0.014) | NR | NR | NR |

Evidence Table E8. Loss of control of eating: Children – Part 8 (continued)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Boutelle, 20111(continued) |  |  | BMI model:"When we used an unstructured covariance matrix with BMI as an outcome, there was a significant time main effect for G2 (F=6.19, p=0.002) but not for G1 (F=2.65, p=0.065), and there was no significant time-by-condition interaction (F=0.64, p=0.595).""When we used an unstructured covariance matrix with BMI z-score as an outcome, there was not a significant time effect for G1 (F=0.87, p=0.466) or for G2 (F=1.00, p=0.405), nor was there a significant time-by-condition interaction (F=0.56, p=0.644)." |  |  |  |

Evidence Table 8. Loss of control of eating: Kids – Part 8 (continued)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Jones, 20082 | -BMI, mean +/- SD, kg/m2-BMI z score, mean +/- SD | BMI, mean +/- SD, kg/m2BaselineG1: 30.58 +/- 4.9G2: 30.64 +/- 5.97BMI z score, mean +/- SDBaselineG1: 1.81 +/- 0.47G2: 1.79 +/- 0.51 | BMI, mean +/- SD, kg/m2PosttreatmentG1: 28.76 +/- 4.72G2: 29.99 +/- 5.92Follow-upG1: 29.76 +/- 5.34G2: 31.17 +/- 6.33P< .001, compared with WLC groupBMI z score, mean +/- SDPostreatmetnG1: 1.56 +/- 0.59G2: 1.68 +/- 0.54Follow-upG1: 1.60 +/- 0.62G2: 1.76 +/- 0.57P< .001, compared with WLC group | NR | NR | NR |

Evidence Table 8. Loss of control of eating: Kids – Part 8

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Tanofsky-Kraff, 20103 | BMI (all of the below reported at 1 year follow-up only for girls with baseline LOC eating)- Score (kg/m^2)- Z-score- Percentile- Percentage with growth ≤ expected, as measured using BMI (between baseline and 1 year follow-up) | Baseline data for all three BMI outcomes for girls with baseline LOC eating | Mean BMI (SD) (kg/m^2):G1: NRG2: NRp = NSMean BMI z-score (SD):G1: NRG2: NRp = NSMean BMI percentile (SD):G1: NRG2: NRp = NSBMI growth ≤ expected:G1: NRG2: NRp = NS | NR | NR | NR |

Evidence Table 8. Loss of control of eating: Kids – Part 8

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Tanofsky-Kraff, 20144 | BMI gainBMI z-scoreBMI %ile% nonobese at BL and nonobese at 12m% obese at BL and nonobese at 12m% obese at BL and obese at 12m% nonobese at BL and obese at 12mDecrease in % of adiposity | BMIG1: 26.9 (SD 2.6)G2: 27.1 (SD 2.4)p=0.63 | BMI gainG1: NRG2: NRGirls in both groups gained less-than-expected BMI throughout the study, F=10.70, p<0.001G2 had 1.59x (95% CI 0.67, 3.79) greater odds of gaining more-than-expected BMI at 12m relative to G1, p=0.30BMI z-scoreG1: NRG2: NRGroup-by-interval effect p=0.49BMI %ileG1: NRG2: NR% nonobese at BL and nonobese at 12mG1: 54.5%G2: 53.4%p=1.00% obese at BL and nonobese at 12mG1: 9.1%G2: 8.6%p=1.00% obese at BL and obese at 12mG1: 34.5%G2: 27.6%p=0.54 | NA | NA | NA |

Evidence Table 8. Loss of control of eating: Kids – Part 8

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| --- | --- | --- | --- | --- | --- | --- |
| First Author's Last NameYear | Definition of Weight Related Measure(s) | Weight Related Baseline | Weight Related Outcomes | Definition of Biomarker Outcomes Other Than Weight | Biomarker Outcomes Other Than Weight Baseline | Biomarker Outcomes Other Than Weight Outcomes |
| Tanofsky-Kraff, 20144(continued) |  |  | % nonobese at BL and obese at 12mG1: 1.8%G2: 10.3%p=0.1112m Decrease in % of adiposityG1: NRG2: NRNo significant group-by-interval effect, F=0.03, p=0.85 |  |  |  |
| Boutelle, 20111 | NR | NR | NR | NR | NR | NR |
| Jones, 20082 | NR | NR | NR | NR | NR | NR |
| Tanofsky-Kraff, 20103 | NR | NR | NR | NR | NR | NR |
| Tanofsky-Kraff, 20144 | NA | NA | NA | NA | NA | NA |