**Key Question 1. School-CHI and School-home-CHI based.**

**Evidence Table 24. Study characteristics for studies taking place in a school setting with consumer health informatics components and in a school setting with home and consumer health informatics components**

| **Author, year**  **Location** | **Years of recruitment** | **Study design** | **Inclusion criteria** | **Goal of study is obesity prevention/ weight maintenance** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| **School/CHI** |  |  |  |  |  |
| Schneider, 20071  Not reported | NR | Non-randomized intervention | Grade: 10th and 11th  1) fewer than three 20-min bouts per week of vigorous physical activity and fewer than five 30-min bouts per week of moderate physical activity; 2) VO2peak at or below age-specific 75th percentile;  3) ability to exercise without restrictions;  4) eumennorheic; and  6) not taking any medications known to influence bone health (e.g., steroids). | No/Not reported | Participants were all adolescent females. The intervention was allocated at the school level. Two public high schools within a single school district participated in the study. The study was conducted over 3 consecutive school years. Assessments were conducted at a university-based general clinical research center at baseline (summer), semester 1 (the end of fall semester) and semester 2 (the end of spring semester). |
| Spiegel, 20062  US | NR | Randomized intervention | Grade: 4-5 | No/Not reported |  |
| Gorely, 20113  England | NR | Non-randomized Intervention | Grade: Primary school | Yes |  |
| **School/Home/ CHI** |  |  |  |  |  |
| Gorely, 20113  England | NR | Non-randomized Intervention | Grade: Primary school | Yes |  |

CHI = Consumer Health Informatics; NR = Not Reported; US = United States; VO2 = Maximal oxygen consumption