

## Appendix 1. Search Terms

Early life determinant\$  
Parental bmi  
Maternal bmi  
Parental obesity  
Paternal bmi  
Maternal obesity  
Paternal obesity  
Parental behav\$  
Parental smoking  
Maternal smoking  
Paternal smoking  
Smoking during pregnancy  
Smoking in pregnancy  
Parental belief\$  
Infant feeding  
Breast feeding  
Formula feeding  
Temperament  
Fussy  
Fussiness  
Soothing  
Complementary food\$  
Solid food\$  
Weaning  
Rapid weight gain  
Rapid growth  
Rapid infancy weight gain  
Rapid infancy growth  
Birth weight  
Infant size  
SES  
Socioeconomic status  
Maternal education  
Ethnicity  
Sleep duration  
Attention span  
Reaction towards food  
Parental attitude\$  
Duration of feeding  
Sleep duration  
Attention span  
Reaction towards food  
Parental attitude\$  
Duration of feeding  
Length of feeding  
Feeding duration  
Feeding length  
Infant bmi  
Child bmi  
Overweight

Underweight  
Ponderos\$  
Skinfold\$  
Skin fold\$  
Thinness\$  
Waist\$  
"Risk of Obesity"  
"Obesity Risk"  
Child obesity  
Infant obesity  
Longitudinal  
Cohort

**Appendix 2. Data Extraction Form and Quality Assessment**

|  |                 |
|--|-----------------|
| Title                                  |                 |
| Study Design                           |                 |
| Timing of Study                        | Follow up time: |
| Definition of Exposures (Risk Factors) |                 |
| Attainment of Exposure (Risk Factors)  |                 |
| Measurement of Obesity                 |                 |
| Attainment of Obesity                  |                 |
| Setting/Location                       |                 |

**PARTICIPANTS**

|                        |  |
|------------------------|--|
| Eligibility            |  |
| Descriptive Statistics |  |
| Initial Sample Size    |  |
| Final Sample Size      |  |

**RESULTS**

| Exposure | Outcome | Unadjusted | Adjusted | Significance |
|----------|---------|------------|----------|--------------|
|          |         |            |          |              |

**Factors Adjusted:**

**QUALITY ASSESSMENT**

**\*The following is from the Newcastle-Ottawa Scale for cohort studies. A maximum of 9 stars are achievable.**

| Newcastle – Ottawa Scale              | Cohort studies  | ★ |
|---------------------------------------|---|---|
| Selection<br>(Max – 4 stars)          | 1) Representativeness of the exposed cohort <ul style="list-style-type: none"> <li>a. Truly representative of the average participant ★</li> <li>b. Somewhat representative of the average participant ★</li> <li>c. Selected group of users (volunteers)</li> <li>d. No description of the derivation of the cohort</li> </ul> 2) Selection of the non exposed cohort <ul style="list-style-type: none"> <li>a. Drawn from the same population as the exposed cohort ★</li> <li>b. Drawn from a different source</li> <li>c. No description of derivation of non exposed cohort</li> </ul> 3) Ascertainment of exposure <ul style="list-style-type: none"> <li>a. Secure record (GP, surgical, hospital records) ★</li> <li>b. Validated assessment tool through structured interview ★</li> <li>c. Written self report/questionnaires</li> <li>d. No description</li> </ul> 4) Demonstration that the outcome of interest was not present at start of study <ul style="list-style-type: none"> <li>a. Yes</li> <li>b. No ★</li> </ul> |   |
| Comparability<br>(Max – 2 stars)      | 1) Comparability of cohorts on basis of the design or analysis <ul style="list-style-type: none"> <li>a. Study controls/stratifies for sex ★</li> <li>b. Study controls/stratifies for any additional factor (at least one) ★<br/>                         Factors = .....</li> </ul>   |   |
| Exposure / Outcome<br>(Max – 3 stars) | 1) Assessment of obesity <ul style="list-style-type: none"> <li>a. Independent blind assessment ★</li> <li>b. GP/Medical record ★</li> <li>c. Self report/interview</li> <li>d. No description</li> </ul> 2) Was follow-up long enough for outcomes to occur <ul style="list-style-type: none"> <li>a. Yes (&gt; 1 year) ★</li> <li>b. No</li> </ul> 3) Adequacy of follow up cohorts <ul style="list-style-type: none"> <li>a. Complete follow up – all subjects accounted for ★</li> <li>b. Subjects lost to follow up unlikely to introduce bias (follow-up rate &gt;80%) or description provided of those lost ★</li> <li>c. Follow up rate &lt; 80% and no description of those lost</li> <li>d. No statement</li> </ul>   |   |