### S2. Example of the search strategy used in Medline

| No. | Searches |
|-----|----------|
| 1   | Child/ or child*.mp. |
| 2   | (school age child* or school-age child* or school child*).mp. |
| 3   | preadolescen*.mp. |
| 4   | Adolescent/ or adole*scen*.mp. |
| 5   | (teen* or teenager*).mp. |
| 6   | youth.mp. |
| 7   | (juvenile* or p*ediatric).mp. |
| 8   | (young adj (person or people)).mp. |
| 9   | ((child- adj (parent* or carer* or caregiver*)) or family).mp. |
| 10  | Chronic Disease/ |
| 11  | ((chronic* or persist* or ongoing) adj (disease* or condition* or illness*)).mp. |
| 12  | ((longterm or long term or long-term) adj (disease* or condition* or ill*)).mp. |
| 13  | ((gastrointestinal or digestive or GI related) adj (disease* or condition* or illness*)).mp. |
| 14  | Cystic Fibrosis/ or cystic fibrosis.mp. |
| 15  | Diabetes Mellitus, Type I/ |
| 16  | Inflammatory Bowel Disease/* |
| 17  | Celiac Disease/ or c*eliac disease.mp. |
| 18  | Phenylketonuria/* |
| 19  | (self care or self-care).mp. |
| 20  | Self Care/ |
| 21  | (self management or self-management).mp. |
| 22  | (self help or self-help).mp. |
| 23  | (self efficacy or self-efficacy).mp. |
| 24  | (collaborat* adj (care or manag*)).mp. |
| 25  | ((shared or support*) adj (care or manag*)).mp. |
| 26  | Diet/ or diet*.mp. |
| 27  | nutrition*.mp. |
| 28  | gut.mp. |
| 29  | ((dietary self care or dietary self-care or dietary management) adj support).mp. |
| 30  | (coach* or training or program*).mp. |
| 31  | (education or skills or information or behavio*r).mp. |
| 32  | (engagement or involvement or empowerment or participation).mp |
| 33  | (autonom* or responsibility or adapta* or independen*).mp. |
| 34  | peer support.mp. |
| 35  | (decision* adj (shar* or support* or aid* or making)).mp. |
| 36  | (goal set* or problem solving).mp. |
| 37  | (plan or action plan* or checklist).mp. |
| 38  | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 |
| 39  | 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 |
| 40  | 19 or 20 or 21 or 22 or 23 or 24 or 25 |
| 41  | 26 or 27 or 28 or 29 |
| 42  | 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 |
| 43  | 38 and 39 and 40 and 41 and 42 |
| 44  | limit 43 to (english language and humans and yr="1990 -Current") |