Methods 10 databases were searched for quantitative and qualitative English language articles reporting at least one of the behaviours and their impact on priori primary and secondary outcomes (figure 1) in adolescents (11-18 years) with type 1 diabetes. There were no restrictions on article publication dates or study design. Articles were submitted to title and abstract screening, full text screening, data extraction and quality assessment.

Results In total 9922 articles were identified from the initial search with 92 articles included for data extraction after title, abstract and full text screening, (figure 2). Data analysis is ongoing, where possible a meta-analysis (quantitative), meta-aggregation (qualitative) and mixed-methods synthesis (quantitative and qualitative narrative summary) will be conducted.

Discussion This extensive investigation on the full spectrum of 24-hour movement behaviours will identify the different, and perhaps complimentary, physiological and psychosocial impacts of each behaviour.

REFERENCES