

PMID	First Author	Title	Year	Study Type	CVD	RF by CQ	Study Origin	Setting	Search Range	Data Sources	Study Eligibility Criteria	Number of Studies	Main Study Objective	Target Population	Patient Characteristics	Interv. Studies (n)	Interv. Study Characteristics	Interv. Type	Specific Intervention Examined	Intervention Results/Conclusions	OB Studies (n)	OB Study Characteristics	Observational Relationship Assessed	Observational Results/Conclusions	Main Reported Findings by Critical Question	Limitations of Studies Reviewed	Quality of SR
12941733	Satterfield DW	Community-based lifestyle interventions to prevent type 2 diabetes	2003	SR	None	Q13 (RF6, RF9, RF11)	USA	Multiple settings	1990-2001	MEDLINE ERIC Combined Health Information Database	English-language articles Original research articles Articles that used community-based approaches to prevent type 2 diabetes	16 Youth: 6 Adults: 9 Youth and adults: 1	Conduct a literature review of community-based interventions intended to prevent or delay type 2 diabetes	Other	NR	16 Youth: 6	Intervention length range: 1/2 d -10 yr	Behavioral	Diet Physical activity	4/6 studies on youth reported results Of the studies reporting results among youth, there were posttest improvements in intervention groups in knowledge, preventive behaviors, and self-esteem Differences were rarely reported for any anthropometric or metabolic outcome measure.	N/A	N/A	N/A	N/A	Q13: Of the studies reporting results among youth, there were posttest improvements in intervention groups in knowledge, preventive behaviors, and self-esteem	Studies targeting youth lacked control groups Shortness of interventions Large number of non-responders Inability to match pre- and post-test data or to link self-reported lifestyle changes to health outcomes/indicators Few studies assessed diabetes risk factors	
16466601	Vivian EM	Type 2 diabetes in children and adolescents—the next epidemic?	2006	SR	None	Q10 (RF6) Q13 (RF4, RF6, RF8)	USA	Mult settings	1995-2005	MEDLINE Published literature Abstracts presented at meetings Article bibliographies	Clinical trials Review articles	NR	Provide an overview of the incidence of type 2 diabetes in children and adolescents and provide direction for clinicians who care for children and adolescents	Pediatric/ Young Adults	NR	NR	NR	Multiple interventions	Weight reduction Drug therapy	Weight reduction has been shown to improve blood pressure, insulin sensitivity, and prevent the onset of type 2 diabetes in adults and may be as effective in obese children and adolescents In addition to inhibiting hepatic glucose output, metformin decreases free fatty acids and increases lipogenesis in patients with type 2 diabetes This is a review article, not a systematic review.	N/A	N/A	N/A	N/A	Q10: In addition to inhibiting hepatic glucose output, metformin decreases free fatty acids and increases lipogenesis in patients with type 2 diabetes Q13: Weight reduction has been shown to prevent the onset of type 2 diabetes in adults, and may be as effective in obese children and adolescents	NR	Study provides a few details (e.g., search terms, list of databases) indicating a comprehensive search for literature was performed; however the study does not indicate if/how the literature was systematically used to guide the results.