## **Supplementary Material**

Table 1. Search strategy

Figure 1. Flow diagram of study inclusion and exclusion

**Table 1. Search Strategy** 

CONCEPT 1 (population)	Keywords/Phrases	MeSH	EMTREE	Subject Terms
Diabetes	diabetes	exp Diabetes Mellitus/includes	exp diabetes mellitus/ includes	exp diabetes mellitus/
	diabetic	diabetes mellitus, type 1/	insulin dependent diabetes mellitus/	
		diabetes mellitus, type 2/	non-insulin dependent diabetes mellitus/	
			diabetic patient/	diabetic patients/
AND	AND	AND	AND	AND
Chronic Kidney Disease	chronic kidney disease/disorder/failure/insufficiency	Renal Insufficiency, Chronic/	exp chronic kidney failure/	renal insufficiency, chronic/
	chronic nephropathy	Kidney Failure, Chronic/		kidney failure, chronic/
	chronic renal disease/disorder/failure/insufficiency			
	renal/blood/extracorporeal/kidney/peritoneal dialysis	renal replacement therapy/	exp renal replacement therapy/ includes	exp dialysis/
	h(a)emodialysis	exp renal dialysis/ includes	continuous renal replacement therapy/	exp renal replacement therapy/
	extracorporeal blood cleansing	hemodiafiltration/	extended daily dialysis/	
	h(a)emorenodialysis	hemodialysis, home/	hemodiafiltration/	
	renal replacement/kidney replacement/dialysis therapy	peritoneal dialysis/	hemodialysis/	
			hemofiltration/	
			peritoneal dialysis/	

CONCEPT 2 (Comparison)	Keywords/Phrases	MeSH	EMTREE	Subject Terms
"non- traditional" / "non- standard" care	care/therapy/treatment with			
	non-traditional			
	non-standard			
	novel			
	multifaceted			
	multidisciplinary			
	structured			
	integrated management/care	"Delivery of Health Care, Integrated"/	integrated health care system/	Health Care Delivery, Integrated/
	enhanced care			
	mhealth			
	telemedical care	remote consultation/	exp telehealth/	exp Telehealth/
	video consultation* teleconsult*	videoconferencing/		
	telehealth/telemedicine/telecommunication/telemonitor*	telemedicine/		
	mobile technology/app	mobile applications/	mobile application/	mobile applications/
	text messag*	text messaging/	text messaging/	
	smartphone*	smartphone/	exp mobile phone/	exp Cellular Phone
	remote monitor*/consult*	telemonitoring/		
	self-manag*/self-monitor* self-care manag*/self-care monitor*			
	diabetes/self-manag* education	exp self care/	self care/	Self Care/ Blood Glucose Self- Monitoring/
	proactive patient outreach	exp counseling/		
	collaborative team/care	exp cognitive therapy/	exp cognitive therapy/ exp cognitive behavioral therapy/	
	counseling	behavior therapy/	behavior modification/	exp Behavior

		behavior therapy/	Modification/
cognitive behavioral therapy	exp health education/	health education/ diabetes education/ nutrition education/	Health Education/ Diabetes Education/ Nutrition Education/
motivational coaching	exp social support/	social support/ psychosocial care/	Support, Psychosocial/
patient coaching/counseling/monitoring/education	health education/	counseling/ e- counseling/ family counseling/ nutritional counseling/ patient counseling/ patient guidance/ peer counseling/	Counseling/ Peer Counseling/ Nutritional Support/
multidisciplinary clinic			
interprofessional team	patient participation/	patient participation/	Consumer Participation/
shared care			
community based program	exp health promotion/	community program/	Community Programs/
continued care			
exercise program*/strategy/ies	exercise/	exp physical activity/ exp exercise/	exp Exercise/ Physical Activity/
behavio(u)r change strategy/ies	lifestyle modification/	lifestyle modification/	Lifestyle Changes/
lifestyle intervention	exp exercise therapy/		
chiropody/podiatry	podiatry/	podiatry/	Podiatry/
diet therapy	exp nutrition therapy/	exp diet therapy/	Diet Therapy/

Figure 1. Flow diagram of study inclusion and exclusion

Identification	Relevant citations identified through database searching  n=2044	Additional records identified through other sources n=133	
		iplicates removed n=1826	
Screening	Records screened n=1826	Records excluded based on title/abstract	
		Full text articles excluded: n=183	
Eligibility	Full-text articles assessed for eligibility  n=217	Review article: n=25  Protocol only: n=12  Study not obtainable: n=13	
		Did not include patients with CKD and diabetes/could not ascertain outcomes in CKD and diabetes: n=73	
Included	Studies included n=34	Did not study a patient care program (ie. provider program): n=8  Did not evaluate effect of patient care program: n=37  Did not evaluate effect on a diabetes- related outcome: n=12  Participants already included in previous study: n=3	