Multimedia Appendix 1. Literature review questions, results, lessons, and actions.

Research		Results ^a	Lessons learned and Actions		
Question					
1. What is the	5	Diabetes-specific and general	Confirmed need for intervention—		
prevalence	of	psychological problems (eg,	psychological problems have a		
psychologic	cal	depression and diabetes distress)	significant detrimental impact on the		
problems ir	n	are common among adults with	emotional and physical health of adults		
adults with	type	diabetes [1, 2]. For instance, 1 in 5	with type 1 and type 2 diabetes.		
1 and 2		experience severe diabetes distress	• Findings informed development of a list		
diabetes, a	nd	and 1 in 4 experience moderate-to-	of psychological problems (ie, topics for		
what are it	s	severe depressive symptoms [3].	possible <i>handbook</i> chapters) and the		
implication	S	Other common problems include	handbook content (eg, each chapter		
(eg, for		fear of hypoglycemia, psychological	includes a diagram showing the		
diabetes		barriers to insulin use, disordered	proportion of people with diabetes		
manageme	nt or	eating, and anxiety disorders.	who typically experience the		
outcomes a	and	Psychological problems are	psychological problem).		
well-being)	?	associated with suboptimal			
		diabetes self-care (eg, less self-			
		monitoring of glucose levels),			
		diabetes outcomes (eg, HbA $_{1c}$), and			
		psychosocial outcomes (eg, quality			
		of life) [4, 5].			
2. What do ad	lults	Adults with diabetes regard	Confirmed need for intervention—		
with diabet	es	psychological support as an	people with diabetes want emotional		
need, in rel	ation	important component of diabetes	support but, typically, are not receiving		
to		care; many would like to talk with	it.		
communica	ition	their diabetes team about their	• Findings informed the <i>handbook</i>		
with or sup	port	feelings about living with diabetes	content (eg, it includes information		
from health	ı	[6-8].	about why attention to the		
professiona	ls	Often those who need to talk (ie,	psychological aspects of diabetes is		
for emotior	nal	experiencing problems) want to	important, from the perspective of		
well-being?	•	talk [6, 9].	people with diabetes).		
		Psychological problems among			
		people with diabetes often go			
		unidentified and unaddressed [6,			
		8].			

3. V	What is the	٠	Mixed evidence and expert opinion	٠	Confirmed need for intervention-most
e	evidence for		about feasibility, efficiency, and		rigorous studies support routine
ro	outine		effectiveness—some against or		psychological screening as part of
S	creening for		uncertain about the benefits of		comprehensive diabetes care (including
р	osychological		psychological screening [10-12],		follow-up discussion and treatment and
р	problems in		but these tended to screen in		care for identified problems).
d	liabetes?		isolation; several recommend it (eg,	•	Findings informed the handbook
			when implemented well and		content (eg, the handbook references
			combined with support and follow-		identified the literature about the
			up) [6, 7, 13-16].		evidence for a holistic approach to
		•	Validated, reliable, and easy-to-use		diabetes care).
			screening tools exist (eg, PAID scale		
			[17] for diabetes distress) and have		
			been implemented successfully in		
			clinical practice) [6, 7, 13-16].		
		•	When implemented well (eg,		
			collaborative, stepped-care		
			approaches, including follow-up		
			care), routine screening for		
			psychological problems:		
			\circ $$ Is acceptable to people with		
			diabetes [6, 7]		
			 Has positive psychological and 		
			physical impacts [14, 15]		
			 Is cost-effective [18]. 		
4. V	What do	٠	Australian diabetes guidelines	•	Confirmed need for intervention—
e	existing		encourage consideration of		Australian guidelines not aligned with
d	liabetes clinical		psychological problems but do not		international standards.
р	oractice		make recommendations to screen	•	Findings informed the handbook
g	guidelines		or monitor routinely [19, 20]. ^b		content (eg, a section about "what the
re	ecommend	٠	Several international guidelines		guidelines say" about the psychological
re	egarding		make specific recommendations		aspects of diabetes is included).
р	osychological		for routine screening or monitoring		
S	creening and		of psychological problems [21-23].		
C	are?				

5.	Does screening	٠	Guidelines related to screening for	•	Confirmed need for intervention—
	for		psychological problems in people		recommendations for routine screening
	psychological		with diabetes are rarely		exist (internationally) but they are not
	problems occur		implemented in clinical practice		implemented routinely.
	routinely in		[24].	•	Knowledge gap identified—What are
	diabetes care?				the barriers and enablers to routine
					screening for psychological problems
					(See Research Questions 6-7)?
				•	Findings informed the handbook
					content (eg, the handbook references
					identified studies).

6.	What barriers	٠	Routine psychological screening	•	Th	e handbook and toolkit directly fill
	affect attention		not endorsed in Australian diabetes		th	e identified resource gap. They:
	to psychological		guidelines [19, 20]. ^b		0	Are freely accessible to all diabetes
	aspects of	•	Health professionals':			health professionals
	diabetes		 Lack of, or inadequate access to 		0	Include copies of the practical tools
	(including		relevant resources (eg, access			and resources (validated
	routine		to screening tools) [24]			questionnaires and factsheets for
	psychological		 Lack of skills and training (eg, 			people with diabetes)
	screening) in		communication and		0	Include user-friendly features, eg,
	diabetes care?		psychological assessment and			consistent structure, color coding,
			care) [24]			and chapter summary cards (for
			 Lack of confidence and feeling 			busy, time-poor professionals).
			uncomfortable with having	•	Th	e handbook includes information to
			conversations about the		aio	health professionals to overcome
			psychological aspects of		th	e lack of skills and confidence
			diabetes [25]		ba	rriers to providing support for the
			$\circ~$ Perceived lack of time [25].		en	notional aspects of diabetes, eg, the
		٠	Organizational or environmental		ha	ndbook:
			constraints, including lack of: [24,		0	Summarizes key clinical guidelines
			25]			and references peer-reviewed
			 Private spaces (to have 			literature related to the
			sensitive conversations)			psychological aspects of diabetes
			 Funding (eg, reimbursement of 		0	Promotes skill development (for
			staff)			communication and psychological
			• Team or supervisor support			care in diabetes) by providing
			o Team members with			clinically relevant examples of
			psychological training			application
			 Workplace protocols for 		0	Includes information about how to
			psychological referrals			weave psychological conversations
			• Referral options.			into routine consultations without
		٠	Potential resistance from some			compromising the diabetes care
			patients (eg, refusal or reluctance			agenda
			to participate in screening or		0	Provides clear guidance about
			discussion) [26].			when to assist and when to refer to
						another diabetes or mental health
						professional.
				•	١t v	was not possible to directly influence

	organizational or environmental
	constraints, nor perceived lack of time,
	within the scope of the project. But
	the handbook content acknowledges
	such barriers and makes suggestions
	for overcoming them, eg, the
	handbook:
	 Makes suggestions for how to set
	up the consultation room to
	promote open conversations
	 Encourages health professionals to
	advocate for greater attention to
	the psychological aspects of
	diabetes within their workplace
	(eg, policy development)
	o Includes information about referral
	pathways and making
	psychological referrals
	 Acknowledges that time is a
	perceived barrier and provides
	examples of how psychological
	screening has been successfully
	implemented in diabetes clinical
	settings.
•	It is not the purpose of the <i>handbook</i>
	to make people with diabetes talk
	about their feelings. It is about
	creating opportunities for them to talk
	when they want or need to do so.
	Thus, the handbook makes suggestions
	for "best practice" ways to introduce
	and implement psychological
	screening and discuss the results with
	the person.
•	Despite being outside the project
	remit, we concurrently advocated for
	inclusion of routine psychological
	screening in Australian diabetes

					guidelines. ^b
7.	What facilitates	•	Health professional guidelines	•	Confirmed need for intervention-
	attention to		recognize the importance of the		evidence-based guidelines exist, but
	psychological		psychological aspects of diabetes		there is need for guidance and
	aspects of		[21-23]		resources to encourage and enable
	diabetes	•	Diabetes health professionals are		health professionals to implement
	(including		aware of the need to monitor		them.
	routine		psychological well-being [25]	•	We incorporated the identified
	psychological	•	Australian and international studies		enablers into the resources and their
	screening) in		[6. 7. 15] demonstrate that		development, for example:
	diabetes care?		psychological assessment can be		 Involvement of health
			implemented successfully in		professionals in development and
			diabetes care settings.		testing, to ensure the final product
					was relevant, easy to understand,
					and feasible to implement [27]
					• The <i>handbook</i> summarizes and
					references relevant evidence
					• The toolkit provides easy access to
					validated tools and resources.
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aThis literature review took place at the beginning of the

project (2013).

^bPsychological screening is now recommended in Australian clinical guidelines for type 2 diabetes (2014, 2016) and in the National Diabetes Strategy (2015) [28-30].

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