

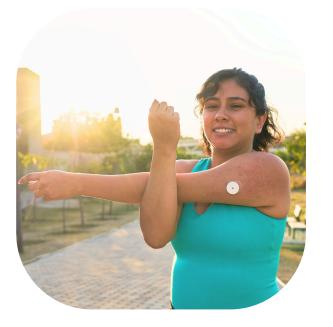


Annual Report

Partners for better health























Our Vision is optimal health and quality of life for all people living with, at risk of, or affected by diabetes

We are



A partnership for better health between Diabetes Victoria and Deakin University.



Established in 2010.



Located in Melbourne, Victoria.



The only national research centre in the world focused on the behavioural, psychological and social aspects of diabetes.



Currently, 17 staff and PhD candidates, specialising in health psychology, clinical psychology, statistics, research methods and communication.

Research Excellence













Excellence in research: at a glance



Publications in peer-reviewed academic journals



First author is early career researcher (at ACBRD or elsewhere)



43%

Led by the ACBRD (i.e. first or senior author)



Publications with international co-authors



15%

In world's top 10% most cited publications



93%

In world's top 25% of journals



Countries in which researchers cited our research in 2024



Awards and recognition



Invited lectures, symposia or workshops at local, national & international meetings



Peer-reviewed abstracts presented at (inter)national conferences



PhD candidates supervised



PhD awarded



117%

Achieved (in 4.5 years) of 5-year funding target



New research grants awarded (Category 1, external other and internal)



\$876k

Total value of new research income direct to ACBRD in 2024



\$959k

Total value of new grants / income in 2024 supporting research on which ACBRD collaborates

*40 journal publications were indexed in Scopus. This exceeds our target of 25 by 60%. Many more articles are 'in press' for publication in 2025.

plus invited presentations, and peer-reviewed abstracts

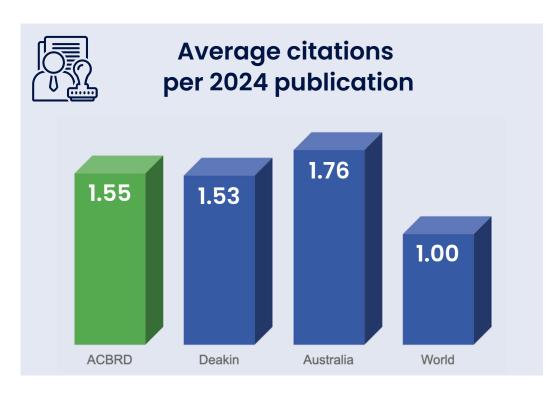
presented at national and international conferences

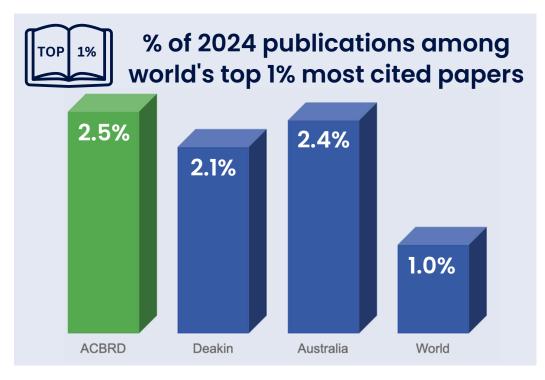


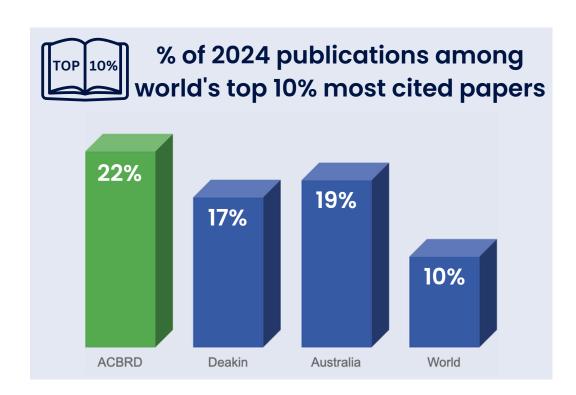




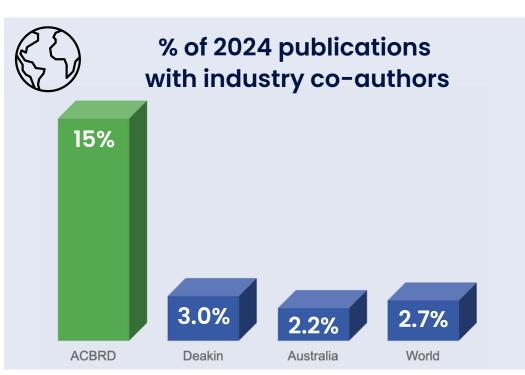
40 Journal articles: at or 'above world standard'

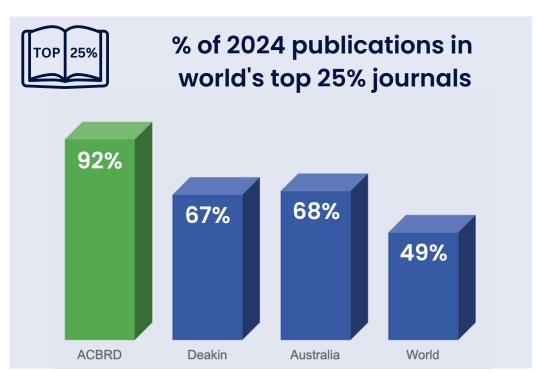


















3 International Consensus Statements

THE LANCET Diabetes & Endocrinology

Virginia Valentine, Michael Vallis, Timothy C Skinner

Review

Bringing an end to diabetes stigma and discrimination: an international consensus statement on evidence and recommendations

Jane Speight*, Elizabeth Holmes-Truscott*, Matthew Garza, Renza Scibilia, Sabina Wagner, Asuka Kato, Victor Pedrero, Sonya Deschên Susan J Guzman, Kevin L Joiner, Shengxin Liu, Ingrid Willaing, KatieM Babbott, Bryan Cleal, Jane K Dickinson, Jennifer A Halliday, Eimear C Morrissey, Giesje Nefs, Shane O'Donnell, Anna Serlachius, Per Winterdijk, Hamzah Alzubaidi, Bustanul Arifin, Liz Cambron-Kopco, Corinna Santa Ana, Emma Davidsen, Mary de Groot, Maartje de Wit, Phyllisa Deroze, Stephanie Haack, Richard I G Holt, Walther Jensen, Kamlesh Khunti, Karoline Kraqelund Nielsen, Tejal Lathia, Christopher J Lee, Bridget McNulty, Diana Naranjo, Rebecca L Pearl, Suman Prinjha Rebecca M Puhl, Anita Sabidi, Chitra Selvan, Jazz Sethi, Mohammed Seyam, Jackie Sturt, Mythily Subramaniam, Helle Terkildsen Maindal

People with diabetes often encounter stigma (ie, negative social judgments, stereotypes, prejudice), which can adversely affect emotional, mental, and physical health; self-care, access to optimal health care; and social and 2024;12:61-82 professional opportunities. To accelerate an end to diabetes stigma and discrimination, an international "Joint first authors multidisciplinary expert panel (n=51 members, from 18 countries) conducted rapid reviews and participated in School of Psychology an a three-round Delphi survey process. We achieved consensus on 25 statements of evidence and 24 statements of recommendations. The consensus is that diabetes stigma is driven primarily by blame, perceptions of burden or sickness, invisibility, and fear or disgust. On average, four in five adults with diabetes experience diabetes stigma and one in five experience discrimination (ie. unfair and prejudicial treatment) due to diabetes, such as in health care, education, and employment. Diabetes stigma and discrimination are harmful, unacceptable, unethical, and counterproductive. Collective leadership is needed to proactively challenge, and bring an end to, diabetes stigma and discrimination. Consequently, we achieved unanimous consensus on a pledge to end diabetes stigma and Diabetes, Diabetes Victor

Introduction

and avoid, delay, or manage short-term and long-term complications. This burden can be exacerbated by stigma cancer and mental illness in the 1960s, epilepsy in the prejudices). which takes many forms (panel 1). This than with diabetes, 7-9 Insights from these areas suggest USA (R Scibilia): Denay unfair or prejudicial treatment),2 which has been likely to be insufficient in isolation.10-13 described as the endpoint of the stigmatisation process.³ The pivotal change required to bring an end to diabetes Furthermore, evidence indicates that diabetes stigma has stigma starts with consolidation of, and international Center Copenhagen, multifaceted effects on the dignity, health, self-care, and consensus on, the evidence and recommendations. Such Copenhagen, Denmark wellbeing of people with diabetes. 45 There is also growing consensus can have the power to galvanise collective (SWagner MSc, evidence that diabetes stigma can affect public and leadership, commitment, and actions to challenge the EDavidsen MSC, government support and funding for diabetes research, status quo (ie, the embedded negative judgements, KKragelvnd Nielsen PhD, ntion, care, and treatments.

their rights and responsibilities (as later detailed in their policy, and media—need to state unequivocally that Charter"); increasing public awareness of diabetes and diabetes stigma and discrimination are not only harmful reducing diabetes stigma; and supporting people with and unacceptable, but also counterproductive to achievdiabetes to be at the centre of this response. This call to ing better outcomes among people with diabetes. In 2013, the first systematic review of diabetes stigma stigma and discrimination; achieve panel consensus showed wide-ranging potential harms but a scarcity of on brief statements of evidence and evidence-based Department of Health Behavio both advocacy and research on diabetes stigma have increased substantially, including raising awareness, and commitment to doing what is needed to bring an (KLjoiner PhD); Department of the commitment of the co sharing experiences, and understanding the nature, end to diabetes stigma and discrimination

om/diabetes-endocrinology Vol 12 January 2024

extent, and repercussions of diabetes stigma. Arguably, People with diabetes require daily self-care to stay healthy there has been greater and earlier recognition in research negative social judgments, stereotypes, and 1970s, HIV in the 1980s–1990s, and obesity in the 2000s)

Australia (N SCHORIA); JUNE International, New York, NY, burden can also be exacerbated by discrimination (ie, that research and advocacy are both crucial but each is Prevention, Health Prom

stereotypes, and prejudice present in discourse and In 2010, the International Diabetes Federation put out decision making about diabetes).5 To challenge the status In 2010, the International Diabetes Federation put out a call to action to "stop discrimination against people with diabetes". The International Diabetes Federation diabetes Federation with diabetes and those with diabetes and those limited to, people with and affected by diabetes and those limited to people with and affected by diabetes and those limited to, people with an affected by diabetes and those limited to people with an affected by diabete mended enabling people with diabetes to claim working in advocacy, research, health care, industry, (AKatoPhD) Facety of

action was a novel, ambitious, and crucial step forward. Our aims were to consolidate the evidence on diabetes earch focused on this important issue. Subsequently, recommendations; and call on the community to endorse and Biological Sciences, School





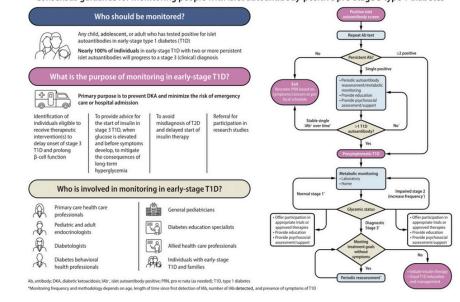


Consensus Guidance for Monitoring Individuals With Islet Autoantibody–Positive Pre-Stage 3 Type 1 Diabetes

Moshe Phillip, Peter Achenbach, Ananta Addala, Anastasia Albanese-O'Neill, Tadej Battelino, Kirstine J. Bell, Rachel E.J. Besser, Ezio Bonifacio, Helen M. Colhoun, Jennifer J. Couper, Maria E. Craig, Thomas Danne, Carine de Beaufort, Klemen Dovc, Kimberly A. Driscoll, Sanjoy Dutta, Osagie Ebekozien, Helena Elding Larsson, Daniel J. Feiten, Brigitte I. Frohnert, Robert A. Gabbay, Mary P. Gallagher, Carla J. Greenbaum, Kurt J. Griffin, William Hagopian, Michael J. Haller, Christel Hendrieckx, Emile Hendriks, Richard I.G. Holt, Lucille Hughes, Heba M. Ismail, Laura M. Jacobsen, Suzanne B. Johnson, Leslie E. Kolb, Olga Kordonouri, Karin Lange. Robert W. Lash. Åke Lemmark, Ingrid Libman, Markus Lundgren, David M. Maahs, M. Loredana Marcovecchio, Chantal Mathieu, Kellee M. Miller, Holly K. O'Donnell, Tal Oron, Shivajirao P. Patil, Rodica Pop-Busui, Marian J. Rewers, Stephen S. Rich, Desmond A. Schatz, Rifka Schulman-Rosenbaum, Kimber M. Simmons, Emily K. Sims, Jay S. Skyler, Laura B. Smith, Cate Speake, Andrea K. Steck, Nicholas P.B. Thomas, Ksenia N. Tonyushkina, Riitta Veijola, John M. Wentworth, Diane K. Wherrett, Jamie R. Wood, Anette-Gabriele Ziegler, and Linda A. DiMeglio

Diabetes Care 2024;47(8):1276-1298 | https://doi.org/10.2337/dci24-0042

Consensus guidance for monitoring people with islet autoantibody-positive pre-stage 3 type 1 diabetes



The Australian Centre for Behavioural Research in Diabetes

Partners for better health





3 Examples of our Community Engagement Work

https://doi.org/10.1007/s40271-024-00688-5

ORIGINAL RESEARCH ARTICLE



Diabetes Research Matters: A Three-Round Priority-Setting Survey Consultation with Adults Living with Diabetes and Family Members in Australia

Christel Hendrieckx^{1,2,3} • Sienna Russell-Green^{1,2} • Timothy Skinner^{2,4} • Ashley H. Ng⁵ • Chris Lee⁶ • Siobhan Barlow Alan Davey - Caitlin Rogers - Elizabeth Holmes-Truscott - Jane Speight

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Objective We aimed to identify the health and quality-of-life research priorities of Australians with diabetes or family

Methods Through an iterative, three-step, online survey process we (1) qualitatively generated research topics (long list) in response to one question "What research is needed to support people with diabetes to live a better life?"; (2) determined the most important research questions (short list); and (3) ranked research questions in order of importance (priorities). We aimed to recruit N = 800 participants, with approximate equal representation of diabetes type and family members.

Results Participants (N = 661) were adults (aged 18+ years) in Australia with a self-reporting diagnosis of diabetes (type 1, n = 302; type 2, n = 204; prior/current gestational, n = 58; less common types, n = 22, or a family member, n = 75). Retention rates for Surveys 2 and 3 were 47% (n = 295) and 50% (n = 316), respectively. From 1549 open-text responses, 25 topics and 125 research questions were identified thematically. Research priorities differed by cohort, resulting in specific lists developed and ranked by each cohort. The top-ranked research question for the type 1 diabetes cohort was "How can diabetes technology be improved ...?" and for the type 2 diabetes cohort: "How can insulin resistance be reversed ...?". One question was common to the final lists of all cohorts: "What are the causes or triggers of diabetes?" Within cohorts, the top priorities were perceived as being of similar importance.

Conclusions The research priorities differ substantially by diabetes type and for family members. These findings should inform funding bodies and researchers, to align future research and its communication with community needs.

- Elizabeth Holmes-Truscot etruscott@acbrd.org.au
- School of Psychology, Deakin University, 1-11 Gheringhap Street, Geelong, VIC 3220, Australia
- The Australian Centre for Behavioural Research in Diabetes, Diabetes Victoria, Melbourne, VIC, Australia
- Institute for Health Transformation, Deakin University, Geelong, VIC, Australia
- Department of Psychology, Counselling and Therapy, La Trobe University, Melbourne, VIC, Australia Monash Partners Academic Health Science Centre.
- National Aboriginal Community Controlled Health
- Organisation, Canberra, ACT, Australia Diabetes Research Matters Steering Group, Melbourne,

1 Introduction

Diabetes is a global health priority, presenting a significant challenge to the health and well-being of individuals living with the condition, their families and societies [1, 2]. In Australia, more than 1.5 million people have diabetes, with around 9% with type 1 diabetes (T1D), 85% with type 2 diabetes (T2D) and 3% with gestational diabetes mellitus (GDM) [3]. In 2018-19, the direct diabetes costs to the Australian health system were estimated at \$3 billion, with 40% spent on hospital services [4]. Australian diabetes research is funded mostly by government bodies (e.g. National Health and Medical Research Council, Medical Research Future Fund [5]) and peak organisations (e.g. Juvenile Diabetes Research Foundation, Diabetes Australia). Over the past decade, the National Health and Medical Research Council

THE LANCET Diabetes & Endocrinology

Living between two worlds: lessons for community involvement



and national health research funding bodies now and intersectionality.

of patient, consumer, and engagement roles.89 group, yet the involvement of a single person with condition are less commonly represented in community community involvement. The perspectives a single positive media stories.

www.thelancet.com/diabetes-endocrinology Vol 12 March 2024

Genuine consumer and community involvement offers broader community), this approach relies heavily on multiple benefits to people with diabetes, health-care their ability to acknowledge their own biases and their professionals, health services, researchers, and diabetes skills to advocate beyond themselves. As such, those community organisations.^{1,2} Co-designed solutions, seeking to involve the community have a responsibility led by the community, facilitate interventions that to consider a well connected, diverse, and representative better meet the needs of the community, resulting population that is reflective of the project aims. 69 in increased acceptability and uptake.³⁴ With grow- Where possible and appropriate (ie, considering power ing acknowledgment and acceptance of consumer dynamics), community members might also choose to and community involvement, some international advocate for greater representation in terms of numbers

mandate the involvement of lived experience across People who live with diabetes and work in the field research.^{5,6} Such requirements are essential in promothave the right, but not necessarily the obligation, to ing greater community involvement; however, their disclose their condition, and to choose if and when implementation varies widely, with people working to engage as a community member. Disclosure of a health in the field being potentially ill-equipped to support condition, such as diabetes, can leave an individual authentic community involvement from project concep- vulnerable to stigma and bias from others, including tion through to implementation and advocacy beyond workplace discrimination.¹⁰ Willingness to disclose the project.7 This Comment offers reflections and can change over time and as a result of circumstances recommendations on consumer and community and is often dependent on a person's capacity to share involvement from an Australian authorship with lived their vulnerability as well as their sense of safety in the experience of diabetes (across type 1 diabetes, type 1b environment in which they are working. Those working diabetes, type 2 diabetes, gestational diabetes, and latent with diabetes community members must respect an autoimmune diabetes of adults) as well as professional or individual's choice to disclose their condition and what volunteer roles within the diabetes workforce (eg, health they choose to share in any given situation. A greater care, research, or advocacy). Although we acknowledge understanding of the barriers and enablers surrounding the official terminology of consumer and community disclosure and advocacy from the diabetes community involvement, the term community involvement will are also needed to increase meaningful engagement, be used hereafter, in recognition of the preference of particularly as we have observed stark disparities in those with lived experience and the implied passivity involvement across the diabetes community. For example, people with type 2 diabetes make up approximately The diabetes community is not a homogenous 90% of the diabetes population, yet individuals with this diabetes can meet guideline requirements for engagement, the online diabetes community, and

person can represent are limited, and this approach When people with lived experience of a conditio fails to recognise and respect the broad and diverse choose to share their story and be involved with backgrounds, experiences, and needs of the community. projects, they do so with the intent of creating positive At times, community members might also be asked change. When that expectation is not met because of or assumed to represent those with different types tokenistic involvement or instances in which the lived of diabetes or different demographic characteristics experience perspective is not valued, there is a potential (eg, gender, age, or ethnicity). Although individuals for frustration—at times leading to burnout—and might appreciate the opportunity to convey common feelings of distrust in the community involvement community sentiments (if they are connected with the process and outcomes. Such negative experiences

Holmes-Truscott et al. Health and Quality of Life Outcomes (2024) 22:70 https://doi.org/10.1186/s12955-024-02285-4

Health and Quality of Life Outcomes

Perceptions of adults with type 1 diabetes toward diabetes-specific quality of life measures: a survey-based qualitative exploration

Elizabeth Holmes-Truscott^{1,2,3*}, Jasmine Schipp^{1,2,3,4}, Debbie D. Cooke^{5,6}, Christel Hendrieckx^{1,2,3}, Elizabeth J. Coates⁷, Simon R. Heller⁸ and Jane Speight^{1,2,}

Background Diabetes-specific quality of life (QoL) questionnaires are commonly used to assess the impact of diabetes and its management on an individual's quality of life. While several valid and reliable measures of diabetes specific QoL exist, there is no consensus on which to use and in what setting. Furthermore, there is limited evidence of their acceptability to people with diabetes. Our aim was to explore perceptions of adults with type 1 diabetes (T1D) toward five diabetes-specific QoL measures.

Methods Adults (aged 18+years) with T1D living in Australia or the United Kingdom (UK) were eligible to take part in 'YourSAY: QoL', an online cross-sectional survey. Recruitment involved study promotion on diabetes-related websites and social media, as well as direct invitation of people with T1D via a hospital client list (UK only). In random order, participants completed five diabetes-specific OoL measures; Audit of Diabetes-Dependent Quality of Life (ADDOol - 19): Diabetes Care Profile: Social and Personal Factors subscale (DCP): DAWN Impact of Diabetes Profile (DIDP): Diabetes-Specific Quality of Life Scale: Burden Subscale (DSQoLS): Diabetes Quality of Life Questionnaire (Diabetes QOL-Q). They were invited to provide feedback on each questionnaire in the form of a brief free-text response. Responses were analysed using inductive, thematic template analysis.

Results Of the N=1.946 adults with T1D who completed the survey, 20% (UK: n=216, Australia: n=168) provided qualitative responses about ≥ 1 measure. All measures received both positive and negative feedback, across four themes: (1) clarity and ease of completion, e.g., difficulty isolating impact of diabetes, dislike of hypothetical questions,

J. A qualitative investigation of the acceptability to adults with type of the YourSAY: Quality of Life study. Austra



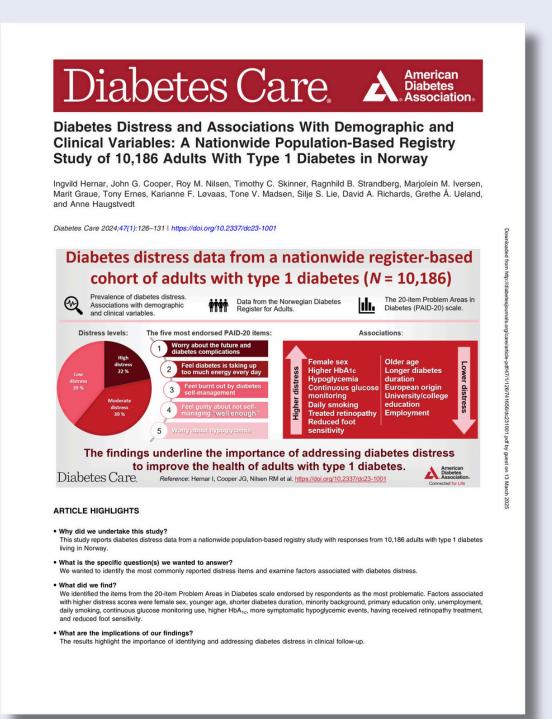
The Australian Centre for Behavioural Research in Diabetes

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3 Examples of International Research Collaborations



Diabetologia (2024) 67:2160-2174 https://doi.org/10.1007/s00125-024-06233-1

ARTICLE

The impact of hypoglycaemia on daily functioning among adults with diabetes: a prospective observational study using the Hypo-METRICS app

Uffe Søholm^{1,2,3} · Melanie Broadley² · Natalie Zaremba³ · Patrick Divilly³ · Petra Martina Baumann⁴ · Zeinab Mahmoudi⁵ · Gilberte Martine-Edith³ · Julia K. Mader⁶ · Monika Cigler⁶ · Julie Maria Bøggild Brøsen⁷ Allan Vaag^{8,9,10} · Simon Heller¹¹ · Ulrik Pedersen-Bjergaard^{7,12} · Rory J. McCrimmon¹³ · Eric Renard^{14,15} · Mark Evans¹⁶ · Bastiaan de Galan^{17,18,19} · Evertine Abbink¹⁷ · Stephanie A. Amiel³ · Christel Hendrieckx^{20,21} · Jane Speight^{2,20,21} · Pratik Choudhary^{3,22} · Frans Pouwer^{2,23} · on behalf of the Hypo-RESOLVE consortium

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bstract

Aims/hypothesis The aim of this work was to examine the impact of hypoglycaemia on daily functioning among adults with type 1 diabetes or insulin-treated type 2 diabetes, using the novel Hypo-METRICS app.

Methods For 70 consecutive days, 594 adults (type 1 diabetes, n=274; type 2 diabetes, n=320) completed brief morning and evening Hypo-METRICS 'check-ins' about their experienced hypoglycaemia and daily functioning. Participants wore a blinded glucose sensor (i.e. data unavailable to the participants) for the study duration. Days and nights with or without person-reported hypoglycaemia (PRH) and/or sensor-detected hypoglycaemia (SDH) were compared using multilevel regression models.

Results Participants submitted a mean \pm SD of $86.3\pm12.5\%$ morning and $90.8\pm10.7\%$ evening check-ins. For both types of diabetes, SDH alone had no significant associations with the changes in daily functioning scores. However, daytime and night-time PRH (with or without SDH) were significantly associated with worsening of energy levels, mood, cognitive functioning, negative affect and fear of hypoglycaemia later that day or while asleep. In addition, night-time PRH (with or without SDH) was significantly associated with worsening of sleep quality (type 1 and type 2 diabetes) and memory (type 2 diabetes). Further, daytime PRH (with or without SDH), was associated with worsening of fear of hyperglycaemia while asleep (type 1 diabetes), memory (type 1 and type 2 diabetes) and social functioning (type 2 diabetes).

Conclusions/interpretation This prospective, real-world study reveals impact on several domains of daily functioning following PRH but not following SDH alone. These data suggest that the observed negative impact is mainly driven by subjective awareness of hypoglycaemia (i.e. PRH), through either symptoms or sensor alerts/readings and/or the need to take action to prevent or treat episodes.

 $\textbf{Keywords} \ \ Daily \ functioning} \cdot Ecological \ momentary \ assessment \cdot Hypoglycaemia \cdot Quality \ of \ life$

Abbreviations

CGM Continuous glucose monitoring
EMA Ecological momentary assessment
Hypo-METRICS Hypo-RESOLVE Hypo-RESOLVE
Hypo-RESOLVE Hypoglycaemia – Redefining SOLutions for better liVEs

A list of Hypo-RESOLVE consortium members is included in the

Extended author information available on the last page of the article

PRH Person-reported hypoglycaemia
QoL Quality of life
SDH Sensor-detected hypoglycaemia

Introduction

Despite advances in insulin pharmacology, delivery systems and glucose monitoring technologies, hypoglycaemia remains a substantial challenge for people with insulintreated diabetes. Adults with type 1 diabetes experience Received: 27 June 2023 Accepted: 20 September 2023

RESEARCH: COMPLICATIONS

DIABETIC Medicine

Hypoglycaemia symptom frequency, severity, burden, and utility among adults with type 1 diabetes and impaired awareness of hypoglycaemia: Baseline and 24-week findings from the HypoCOMPaSS study

Uffe Søholm^{1,2,3} ○ | Elizabeth Holmes-Truscott^{4,5,6} | Melanie Broadley² ○ | Stephanie A. Amiel³ ○ | Christel Hendrieckx^{4,5,6} ○ | Pratik Choudhary^{3,7} ○ | Frans Pouwer^{2,8,9} ○ | James A. M. Shaw¹⁰ | Jane Speight^{2,4,5,6} ○

¹Medical & Science, Patient Focused Drug Development, Novo Nordisk A/S, Søborg, Denmark

Department of Psychology, University of Southern Denmark, Odense, Denmark

³Department of Diabetes, School of Cardiovascular Medicine and Sciences, Faculty of Life Sciences and Medicine, King's College London, London, UK

⁴The Australian Centre for Behavioural Research in Diabetes, Diabetes Victoria, Melbourne, Victoria, Australia

⁵School of Psychology, Institute for Health Transformations, Deakin University, Geelong, Victoria, Australia ⁶Institute for Health Transformation, Deakin University, Geelong, Victoria, Australia

⁷Diabetes Research Centre, University of Leicester, Leicester, UK

8Steno Diabetes Center Odense (SDCO), Odense, Denmark

Department of Medical Psychology, Amsterdam UMC, Amsterdam, The Netherlands

¹⁶Translational and Clinical Research Institute, The Medical School, Newcastle University, Newcastle upon Tyne, UK

Correspondence

Jane Speight, The Australian Centre for Behavioural Research in Diabetes, Diabetes Victoria, Melbourne, VIC, Australia

Email: jspeight@acbrd.org.au

James A. M. Shaw, Translational and Clinical Research Institute, Newcastle University, The Medical School, Framlington Pace, Newcastle upon Tyne NE2 4HH, UK.

Funding information

Diabetes UK, Grant/Award Number: 07/0003556; Innovative Medicines Initiative, Grant/Award Number: 777460; National Institute for Health Research; Cambridge National Institute for Health Research

Abstract

Aims: To determine the frequency, severity, burden, and utility of hypoglycaemia symptoms among adults with type 1 diabetes (T1D) and impaired awareness of hypoglycaemia (IAH) at baseline and week 24 following the HypoCOMPaSS awareness restoration intervention.

Methods: Adults (N=96) with T1D (duration: 29 \pm 12 years; 64% women) and IAH completed the Hypoglycaemia Burden Questionnaire (HypoB-Q), assessing experience of 20 pre-specified hypoglycaemia symptoms, at baseline and week 24. **Results:** At baseline, 93 (97%) participants experienced at least one symptom (mean \pm SD 10.6 \pm 4.6 symptoms). The proportion recognising each specific symptom ranged from 15% to 83%. At 24weeks, symptom severity and burden appear reduced, and utility increased.

Conclusions: Adults with T1D and IAH experience a range of hypoglycaemia symptoms. Perceptions of symptom burden or utility are malleable. Although larger scale studies are needed to confirm, these findings suggest that changing

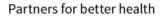
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20 2023 The Authors. Diabetic Medicine published by John Willow & Sons Lido to behalf of Diabetes UK.

Diabetic Medicine. 2024;41:e15231

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3 Examples of National Research Collaborations

Sensitivity and specificity of Aboriginal-developed items to supplement the adapted PHQ-9 screening measure for depression: results from the Getting it Right study

Timothy Skinner^{1,2}, Alex Brown^{3,4}, Armando Teixeira-Pinto^{5,6}, Sara F Farnbach⁷, Nicholas Glozier⁵ 0, Deborah A Askew⁸ 0, Graham Gee^{9,10}, Alan Cass¹¹, Maree L Hackett^{12,13} ⁽⁵⁾

The known: Only a small number of validated measures are available to assess depressive symptoms in Aboriginal and Torres Strait Islander people. Few consist of wording derived by and for Aboriginal and Torres Strait Islander peoples.

The new: The Aboriginal and Torres Strait Islander-developed depressive symptom screening scale that we studied is reliable and valid, and it performs well across multiple Aboriginal and Torres and anger evidenced good sensitivity and specificity as a screening

The implications: Both seven-item and three-item versions of the scale provide brief, validated and culturally appropriate screening

epression is a syndrome diagnosed after a particular constellation of signs and symptoms has been elicited through a semi-structured interview. These assessments focus on two cardinal and seven associated symptoms of depression as identified in diagnostic manuals.^{1,2} It is possible to meet the diagnostic criteria for depression through a diverse combination of symptoms. One study of more than 3700 individuals found 1030 distinct depression symptom profiles.3 Similarly, there is substantial diversity in the symptoms and signs used to indicate the degree of depressed affect being experienced, making it challenging to compare prevalence

Different cultures have common and culturally specific components of the aetiology, meaning, experience and expression of depression. The World Health Organization's International Study of Psychological Problems in Primary Care demonstrated that the same measurement tool has variable measurement properties and discriminant thresholds for depressive disorder across cultures. This is generally ignored in large surveys, where one measure and one threshold are applied, regardless of cultural background. Consistent with this perspective, research that was initiated and led by an Aboriginal man, and involved men from five Aboriginal language groups in Central Australia, identified the Patient Health Questionnaire 9 promising psychometrics. (PHQ-9) as potentially useful but requiring modification for use However, thematic analysis, by an Aboriginal-led team of Central Australia with Aboriginal community members. The mental health experts, identified several affective and cognitive

Objective: To determine the psychometric properties of an symptom screening scale.

Design: Prospective diagnostic accuracy study.

Setting: Ten primary health care services or residential alcohol and other drug rehabilitation services in Australia that predominantly serve Aboriginal and Torres Strait Islander peoples.

Participants: 500 adults (18 years or older) who identified as Aboriginal and/or Torres Strait Islander and were able to ommunicate sufficiently to respond to questionnaire and interview questions. Recruitment occurred between 25 March 2015 and 2

orres Strait Islander-developed items, using the adapted Patient lealth Questionnaire 9 (aPHQ-9) and depression module of the Mini International Neuropsychiatric Interview (MINI) 6.0.0 as the

Results: The seven-item scale had good internal con (α = 0.83) and correlated highly with the aPHQ-9 (ρ = 0.76). All items were significantly associated with diagnosis of a current major ssive episode. Discriminant function and decision tree analysis entified three items forming a summed scale that classified 85% of participants correctly. These three items showed equivalent nsitivity and specificity to the aPHQ-9 when compared with the MINI-identified diagnosis of a current major depressive episode.

Conclusion: Three items developed by and for Aboriginal and orres Strait Islander people may provide effective, efficient and culturally appropriate screening for depression in Aboriginal and

or overeating; moving slowly or restless) were separated but sleep disturbance remained a single item. This adapted Patient Health Questionnaire 9 (aPHQ-9) version was first tested with 186 Aboriginal men from Central Australia and was found to be acceptable and appropriate. It was then compared with a semi-structured diagnostic interview in a community sample of 78 Aboriginal men,8 and this indicated that the aPHQ-9 had

in their communities. The PHQ-9 was adapted and expressed researchers, of semi-structured interviews with Aboriginal in simplified English for use across Aboriginal languages in men, Ngangkari Tjuta (traditional healers) and cross-cultural adaptations used agreed and consistent local language and phenomena indicative of Aboriginal people's distinct experience expressions of distress; two bidirectional items (poor appetite of depression. These phenomena were developed, discussed

Australian Centre for Behavioural Research in Diabetes, Deakin University, Geelong, VIC, 2 Institute of Psychology, University of Copenhagen, Copenhagen, Denmark, 3 Abgriginal Health iesearch, Westmead Millennium Institute for Medical Research, Sydney, NSW. ⁷ National Drug and Alcohol Research Centre, University of New South Wales, Sydney, NSW. ⁸ University of Investing of New South Wales, Sydney, NSW. ⁸ University of Investing OLD. ⁹ Victorian Aboriginal Health Service Cooperative, Melbourne, VIC. ¹⁰ Mundoch Children's Research Institute, Melbourne, VIC. ¹⁰ Menzies School of Health Research https://doi.org/10.1186/s13063-024-08556-1

Trials

Hypoglycaemia Prevention, Awareness of Symptoms, and Treatment (HypoPAST): protocol for a 24-week hybrid type 1 randomised controlled trial of a fully online psycho-educational programme for adults with type 1 diabetes

Jennifer A. Halliday^{1,2,3}, Elizabeth Holmes-Truscott^{1,2,3,4}, Sharmala Thuraisingam^{2,5}, Uffe Søholm^{1,2,3} Mary Lou Chatterton⁶, Sienna Russell-Green^{1,2}, Eric O⁷, Sof Andrikopoulos⁸, Taryn Black⁹, Susan Davidson¹⁰, Glen Noonan¹¹, Renza Scibilia¹², Virginia Hagger^{3,13}, Christel Hendrieckx^{1,2}, Cathrine Mihalopoulos⁶, James A. M. Shaw¹⁴, Vincent L. Versace^{4,5}, Sophia Zoungas⁶, Timothy C. Skinner^{1,2,15} Jane Speight 1,2,3 * o and on behalf of the HypoPAST Research Group

Background Management of type 1 diabetes (T1D) requires the use of insulin, which can cause hypoglycaemia (low blood glucose levels). While most hypoglycaemic episodes can be self-treated, all episodes can be sudden, inconvenient, challenging to prevent or manage, unpleasant and/or cause unwanted attention or embarrassment. Severe hypoglycaemic episodes, requiring assistance from others for recovery, are rare but potentially dangerous. Repeated exposure to hypoglycaemia can reduce classic warning symptoms ('awareness'), thereby increasing risk of severe episodes. Thus, fear of hypoglycaemia is common among adults with T1D and can have a negative impact on how they manage their diabetes, as well as on daily functioning, well-being and quality of life. While advances in glycaemic technologies and group-based psycho-educational programmes can reduce fear, frequency and impact of hypoglycaemia, they are not universally or freely available, nor do they fully resolve problematic hypoglycaemia or associated worries. This study aims to determine the effectiveness of a fully online, self-directed, scalable, psycho-educational intervention for reducing fear of hypoglycaemia: the Hypoglycaemia Prevention, Awareness of Symptoms, and Treat-

Methods A 24-week, two-arm, parallel-group, hybrid type 1 randomised controlled trial, conducted remotely (online and telephone). Australian adults (≥ 18 years) with self-reported T1D and fear of hypoglycaemia will be recruited. and allocated at random (1:1) to HypoPAST or control (usual care). The primary outcome is the between-group difference in fear of hypoglycaemia (assessed using HFS-II Worry score) at 24 weeks. A sample size of N=196 is required



Received: 15 March 2024 | Accepted: 19 June 2024 DOI: 10.1111/dme.15399

RESEARCH ARTICLE

Educational and Psychological Aspects

Diabetes misconceptions, seriousness, motivation, self-efficacy and stigma: A cross-sectional comparison of eight Australian diabetes communication campaign videos

Elizabeth Holmes-Truscott^{1,2,3} | Jessica L. Hateley-Browne^{1,2} | Elizabeth Charalambakis¹ | Adriana D. Ventura^{1,2} | Annette Ripper⁴ | Renza Scibilia⁵ | Jane Speight^{1,2,3} [©]

1School of Psychology, Deakin University, Geelong, Victoria, Australia

²The Australian Centre for Behavioural Research in Diabetes, Diabetes Victoria, Melbourne, Victoria, Australia 3Institute for Health Transformation.

Deakin University, Geelong, Victoria, Australia ⁴Diabetes Victoria, Melbourne, Victoria,

5#dedoco labs GmbH, Berlin, Germany

Elizabeth Holmes-Truscott, School of Psychology, Deakin University, 1 Gheringhap St, Geelong, VIC 3220,

Email: etruscott@acbrd.org.au

Aim: This study examines potential intended (attitudes, motivation and selfefficacy) and unintended (stigmatisation of diabetes) consequences of past Australian National Diabetes Week campaign videos. Further, outcomes are compared by the extent to which participants perceived their allocated video as

Methods: In this cross-sectional, ten-arm study, participants (adults with or without diabetes; 1:2 ratio) were randomly allocated to view one of eight archival diabetes campaign videos (intervention), or either an active or passive control group. Post-exposure, study-specific scales measured diabetes Misconceptions and Seriousness, General and Diabetes Risk-Reduction Motivation and Selfefficacy, and perceptions of video Stigmatisation of diabetes. Scores were compared by condition (intervention vs. control) and by campaign Stigma (highest vs. lowest tertile score), separately by cohort (with or without diabetes).

tes (79% type 2 diabetes). No significant differences in outcomes were observed between conditions (intervention vs. control), with one exception: a modest effect on General Self-efficacy among those without diabetes only. Those perceiving high campaign Stigma (15%), relative to low Stigma (60%), reported significantly greater diabetes Misconceptions, lower perceived Seriousness and (among those without diabetes only) lower General Motivation but higher Diabetes Risk

Conclusion: Though limited to a single-exposure, we found little meaningful positive influence of past diabetes campaign videos on diabetes attitudes, behavioural intentions or self-efficacy. Further, campaign videos were perceived

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Diabetic Medicine, 2024:41:e15399

wileyonlinelibrary.com/journal/dme 1 of 11

The Australian Centre for Behavioural Research in Diabetes





Results: The sample included n = 1023 without diabetes; and n = 510 with diabetes

as stigmatising by a minority—a potential harmful impact. This novel study has

© 2024 The Author(s). Diabetic Medicine published by John Wiley & Sons Ltd on behalf of Diabetes UK.

New external research income in 2024



Improving mental
health among
Australian adults with
diabetes through
population-level
monitoring

Holloway E

\$590k

from the National Health and Medical Research Council (NHMRC): Emerging Leader (EL1) Investigator Grant



Life! curriculum: behaviour change content review

Holmes-Truscott E, Geerling R, Skinner TC, Speight J (via funding to Diabetes Victoria from the Victorian Department of Health)

\$181k

from Diabetes Victoria



Review of NDSS resources on 'Diabetes & Emotional Health' and 'Starting Insulin'

Halliday J, Holmes-Truscott E, Skinner TC, Speight J

\$49.2k

from the National Diabetes Services Scheme (NDSS)*



Understanding,
identifying and
addressing diabetes
distress: Upskilling the
Diabetes CONNECT
workforce with Diabetes
Distress eLearning

Halliday J, Holmes-Truscott E, Speight J

\$34.5k

from the Victorian Department of Health



Moving the field forward: A landscape review of psychosocial, behavioural and mental health in type 1 diabetes

Stuckey H[^], Skinner TC, Cooke D
[^]Penn State University, USA

\$21.9k

from Breakthrough T1D (formerly JDRF International)

* NDSS is an initiative of the Australian Government, administered with the assistance of Diabetes Australia







New internal research grants in 2024



\$13K

Deakin University: Institute for Health Transformation Category 1 Seed Funding Grant Supporting type 2 diabetes risk reduction for women and their children following gestational diabetes: a qualitative study of health promotion professionals

Litterbach E, Holmes-Truscott E



\$10K

Baker-Deakin University: Early Career Researcher Seed Funding Applying co-design principles to develop a lay description of the behaviour change taxonomy to target health behaviours in type 2 diabetes

Geerling R, Holmes-Truscott E, Speight J



\$3K

Deakin University: Faculty of Health Higher Degree by Research Conference Grant Attending the PsychoSocial Aspects of Diabetes (PSAD) Study Group annual scientific meeting (Würzburg, Germany) and the D-Stress Study investigators meeting (UK)

Halliday J







Awards

World's Top 2% Scientists

Prof Jane Speight &Prof Timothy Skinner

Based on Stanford and Elsevier data, this list identifies the most-cited scholars in each discipline.



Travel Fellowship Award

Dr Eloise Litterbach

by the international PsychoSocial Aspects of Diabetes (PSAD) Study Group, to attend the 28th Annual Scientific Meeting in Würzburg, Germany (24-26 April).





Significant Publication Award

Prof Jane Speight

by Deakin University's School of Psychology, for her impactful publications as the lead/senior author and lead of a research group.



Individual Award for Research Excellence (PhD)

Jennifer Halliday

by Deakin University, Institute for Health Transformation (IHT), as part of the Early and Mid-Career Researchers Award Program.











Key Research Projects











HypoPAST

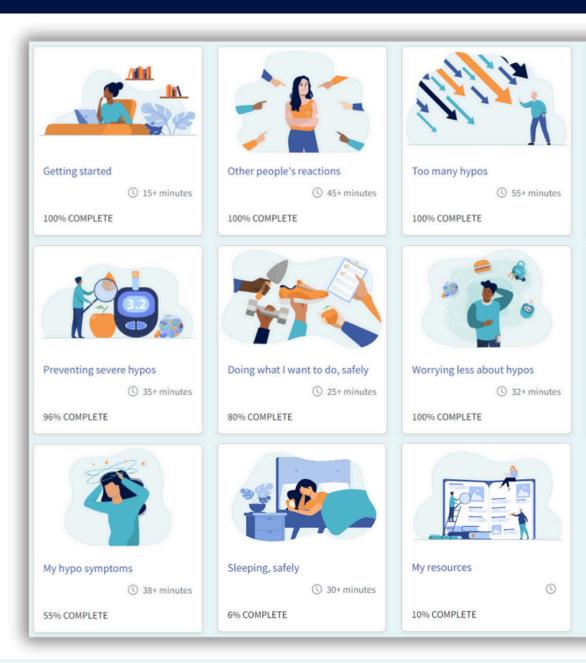
Hypoglycaemia Prevention, Awareness of Symptoms and Treatment



HypoPAST is a novel, self-guided, online psycho-educational program for adults with type I diabetes, designed to support them with preventing hypoglycaemia (low glucose), regaining awareness of symptoms, optimising treatment of hypoglycaemia and managing fear of hypoglycaemia.

In 2023, we developed the program materials in collaboration with an expert advisory group of adults with type 1 diabetes. In 2024, we:

- began a national randomised controlled trial to examine the effect of the program
- recruited 218 adults with type 1 diabetes experiencing hypoglycaemia-related anxiety (aka fear of hypoglycaemia)
- completed baseline and mid-trial (3-month follow-up) data collection
- commenced end-trial (6-month follow-up) data collection
- gave three conference presentations (one international, two national)
- published the study protocol in *Trials*.





Powered by MTPConnect



















LISTEN

Low-Intensity mental health Support via a Telehealth Enabled Network



The aim of the LISTEN program is to provide evidence-based, early intervention to support adults with type 1 and type 2 diabetes experiencing diabetes distress.

LISTEN is facilitated by diabetes health professionals (including credentialled diabetes educators, nurses, and dietitians) via telehealth.

In 2023, we completed a randomised controlled trial of the **LISTEN** program.

429 adults with T1D and T2D randomised to:

LISTEN Intervention (n=216)



Up to 4 weekly telehealth sessions with a LISTEN-trained diabetes educator

Usual care Control (n=213)



Resources about diabetes and emotional health





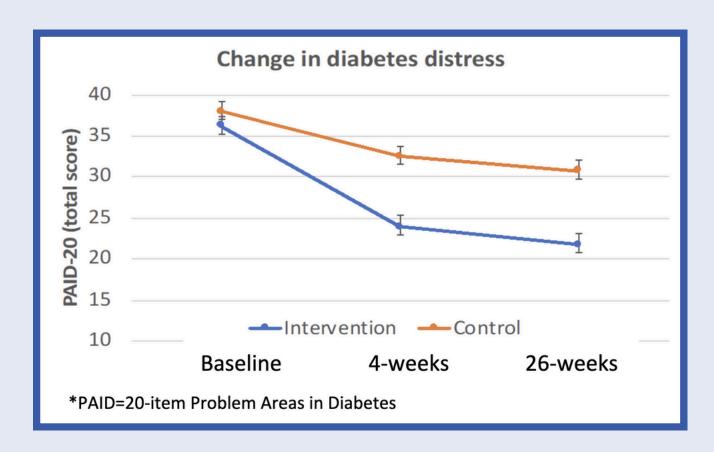








Results: At 26 weeks, compared to control, LISTEN had reduced diabetes distress (see Figure below), improved general emotional well-being and coping self-efficacy among adults with type 1 and type 2 diabetes.



Upskilling diabetes health professionals to deliver LISTEN has the potential to address the unmet needs of adults experiencing diabetes distress.









Partnering to lead the Behavioural Platform for the Australian Centre for Accelerating Diabetes Innovations



The ACBRD's Deputy Director, Dr Liz Holmes-Truscott, leads ACADI's Behavioural Platform. Liz collaborates with ACADI's researchers, other platform leads and partners, bringing unique expertise in the psychosocial and behavioural aspects of diabetes, essential for all research involving human participants. In 2024, a key focus for the platform was understanding barriers to, and enablers of, community involvement in diabetes research.

Focusing on rural health disparities: how can we improve diabetes research participation for people with type 2 diabetes (T2D) living in Australian rural communities?

This project involved listening to 21 adults with T2D living in rural communities across all six Australian states to understand their barriers to, enablers of, and motivators to take part in diabetes research. Findings will be published in 2025.

How do we increase T2D community involvement in research and health service improvement?

This project involves a rapid literature review to identify barriers to, and enablers of, community involvement in research and health services improvement among people living with T2D. This review will document strategies that have increased community involvement with diverse or under-represented T2D communities. Findings will be published in 2025.

ACADI is a national, collaborative interdisciplinary diabetes research centre uniting over 70 partners, including academic, advocacy, health service, industry and community partners

2024 publication: Recommendations for improved community involvement in diabetes research

> Lancet Diabetes Endocrinol. 2024 Mar;12(3):155-157. doi: 10.1016/S2213-8587(24)00032-9.

Living between two worlds: lessons for community involvement

Ashley H Ng ¹, Matthew Quigley ², Tim Benson ³, Lauren Cusack ⁴, Rachel Hicks ⁵, Ben Nash ⁶, Meaghan Read ⁷, Renza Scibilia ⁸, Cheryl Steele ⁹, Leon Tribe ¹⁰, Elizabeth Holmes-Truscott ¹¹



Partners for better health





Life!

Partnering with Diabetes Victoria on the *Life!* program redevelopment project





ACBRD activities and achievements:

- Rapid literature review of effective behaviour change techniques and program gap analysis
- Redevelopment of Life! program workbooks for participants and facilitators
- Presentation of activities at the Australasian Diabetes Congress, Perth, Aug 2024
- Recommendations for revised facilitator training materials and assessment.

The Life! program is a 12-month behaviour change program available to adults in Victoria at risk of type 2 diabetes, heart disease and stroke. Funded by the Victorian Government and managed by Diabetes Victoria, Life! is the largest type 2 diabetes and cardiovascular disease (CVD) prevention program in Australia. Since its inception in 2007, over 75,000 Victorian adults have taken part in the program.

Since 2023, the ACBRD has been engaged to bring its expertise in behavioural science and the psychosocial aspects of diabetes to ensure the curriculum incorporates state-of-the-art behaviour change techniques and related contemporary evidence to improve the program. The ACBRD received a contract renewal for 2024-25 to lead the work on redeveloping the program's facilitator training, bringing it into line with best practice to enable participants to achieve beneficial health outcomes.







Reach and Impact











A National Voice & A National Resource



723

Facebook followers



Advisory panels



International policies / guidelines citing ACBRD research



Issues of Research Round-Up*



LinkedIn Followers



Published commentary



ACBRD blogs



1,211

Research Round-Up* subscribers



Instagram followers (launched Aug 2024)



Guidelines and **Consensus Statements**



Media appearances



Average open rate[^]

The ACBRD website includes media mentions, e-newsletters, blogs and the ACBRD webinar series. *The ACBRD's free monthly e-newsletter. ^Industry average for open rate = 25%





#EndDiabetesStigma

EndDiabetesStigma.org





Invited presentations by the ACBRD on the International Consensus & Pledge to End Diabetes Stigma



In 2024, the Pledge was translated into 3 new languages: Dutch, German and Sinhalese.

This brought the total to 15 languages, including the original English version.

The Pledge is based upon the International Consensus to bring an end to diabetes stigma and discrimination, published in *The Lancet Diabetes & Endocrinology* (Jan 2024), co-led by Speight and Holmes-Truscott.

At the Australasian Diabetes Congress (Perth, Aug 2024), the ACBRD stand in the exhibition hall was themed to promote this important international movement.

In September 2024, Professor Chantal Mathieu spoke about the Pledge during her Presidential Address, opening the 60th annual meeting of the European Association for the Study of Diabetes (EASD, Madrid).

By the end of 2024, the Pledge had been taken by































Partners for better health





Our Language Matters

New Language Matters statements were published in: **Ireland**, **the Netherlands** and **South Africa**.



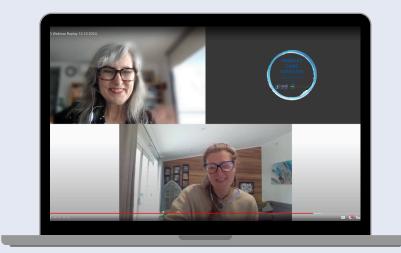




There are now 20+ similar statements published across the world, inspired by the position statements by Speight et al. (2011, 2021).



A new international guide
by women with diabetes
for women with diabetes
was launched:
Language MattHERs:
A guide to using inclusive and
empathetic language for
Women with Diabetes



Dr Eloise Litterbach spoke at a webinar hosted by the *Primary*Care Diabetes Society of Australia

— Language Matters:

How we speak to and about people with diabetes can have profound impacts.

> Diabet Med. 2024 Dec;41(12):e15424. doi: 10.1111/dme.15424. Epub 2024 Aug 16.

"I feel like I'm being talked to like an equal":
Diabetes language matters to adults with diabetes, a mixed-methods study

Eloise Litterbach 1 2 3, Elizabeth Holmes-Truscott 1 2 3 4, Shikha Gray 1 2,
Jennifer Halliday 1 2 3, Renza Scibilia 5, Timothy Skinner 1 2 6, Jane Speight 1 2 3

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MJA Jobs Board Write For Us

18 November 2024

Language matters when talking about diabetes

Our words – the way we speak, and are spoken to, what we read, and what we write – create our reality. The words and phrases used in relation to diabetes influence how people with diabetes think about themselves, and how society views people living with diabetes.

Almost 1.5 million Australians live with diabetes. Most (87%) live with type 2 diabetes (T2D). The remainder live with type 1 (T1D; 9%), gestational diabetes mellitus (GDM; 3%) or other types of diabetes are increasing in prevalence. This is due to a complex interplay of genetic, biological, environmental, sociocultural and behavioural factors and social inequities influencing health. Yet, public discourse and media portrayals of diabetes often focus on individuals' responsibility for the prevention and management

Dr Litterbach also led a paper published in *Diabetic Medicine*:

"I feel like I'm being talked to like an equal": Diabetes language matters to adults with diabetes, a mixed-methods study

It was featured in MJA InSight +







World Diabetes Day Lecture Series

In 2024, we launched a new World Diabetes Day lecture series, in honour and memory of Emeritus Professor Trisha Dunning AM.

Diabetes Victoria hosted the event, which will be held annually in partnership with the Institute for Health Transformation, Deakin University.

Professor Jane Speight gave the inaugural lecture:

Putting Well-Being at the Heart of Diabetes Care

Her presentation focused on the progress made over the past 30 years to protect and maintain the wellbeing of people with diabetes. She also spoke about remaining challenges and opportunities in this area. The presentation can be viewed by clicking on the link above.















International Leadership: The PSAD Study Group

Since 2020, Prof Jane Speight has been the Chair of the PsychoSocial Aspects of Diabetes (PSAD) Study Group. She was returned to the role for a second term in 2024.

The PSAD Study Group is a reference group to the European Association for the Study of Diabetes (EASD), providing guidance on all matters related to the psychological, social and behavioural aspects of diabetes. The PSAD is an international network of 150+ members around the world, including Europe, Canada, USA, South America, Asia and Australia.

Through research, collaboration and advocacy, the PSAD Study Group aims to stimulate communication about and improve the quality of psychosocial research in diabetes.

Three members of the ACBRD serve on the Executive Committee of the PSAD Study Group:



Prof Jane Speight
Chair of the
PSAD Study Group



Dr Eloise LitterbachEarly Career Researcher
Working Group Co-Lead



Karen Pearce Website Content & Development Lead

28th PSAD Annual Scientific Meeting

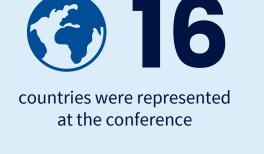
Wurzburg, Germany | 24-26 April 2024



71

people attended, including researchers, health professionals and people living with diabetes





Prof Jane Speight and Jennifer Halliday led a workshop on the International Consensus and Pledge to #EndDiabetesStigma. Dr Eloise Litterbach presented ACBRD's work on the social experiences of gestational diabetes.









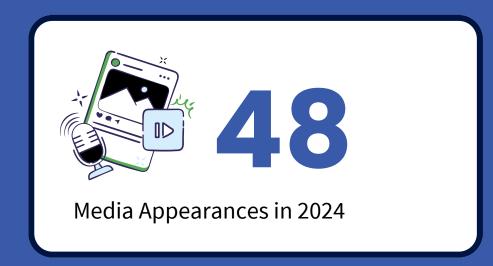


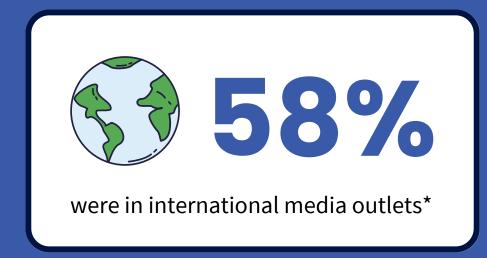
Partners for better health





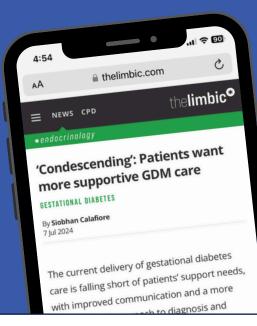
In the Media





*These included Argentina, Belgium, Canada, Denmark, Ireland, Italy, Netherlands, South Africa, Spain, Sweden, Switzerland, UK, and USA.







a thelimbic.com

Aussie leads international calls

Four in five adults with diabetes experience

discrimination related to their condition,

The findings are from an International

Consensus, published in The Lancet Diabetes &

Endocrinology [link here], by 51 experts from 18

countries who aim to end diabetes stigma and

discrimination, including in the clinical setting.

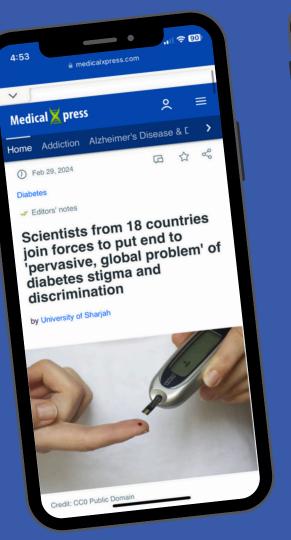
stigma and one in five experience

international experts say.

to end diabetes stigma

thelimbic[©]





Medical X press

① Feb 29, 2024

Editors' notes

by University of Sharjah













TO OUR PARTNER ORGANISATIONS













LEADERSHIP

At Diabetes Victoria, Professor Jane Speight serves on the Leadership Team, and Dr Elizabeth Holmes-Truscott serves on the Extended Leadership Team.

They advise on, contribute to and/or review various materials, resources and events during the year, e.g.:

- Advocacy, strategy, impact
- Campaigns and communications, including National Diabetes Week campaigns and Fundraising campaigns





Diabetes
Victoria
Strategy
2024-2030

Dr Holmes-Truscott leads Goal 4: Stigma

Prof Speight leads Goal 6: Research



Journey to a Cure – Tax Appeal Campaign

Dr Holmes-Truscott highlighted the importance of behavioural research





2024 Thank You Event

Dr Holmes-Truscott was invited to join the research panel discussion









Several members of the team served on Diabetes Victoria's committees and working groups to support the translation of research into practice

Access and Equity
Committee

Health Literacy working group

Health
Promotion
Community of
Practice

Lived Experience
Employee
Engagement
Group (LEEEG)

Weight Inclusive working group

















PROGRAMS & PROJECTS







Making Sense

Supporting interpretation and dissemination of this feasibility study, which was an outcome of the 'Empower Us' study (2023)



Life!

Curriculum review to enhance content focused on supporting behaviour change









OZDAFNE

Advisory Group











FACULTY OF HEALTH











Faculty of Health Board



HEAG-H Ethics Committee













Executive
Committee
(inc co-lead of the
Sustainability pillar)

Early- & Mid-Career Researcher Committee

Diversity & Inclusion Committee

Communications
Community of
Practice

Research Committee















IHT All Members Day – Health Stigma

Dr Holmes-Truscott and Dr Litterbach helped plan this event. Dr Holmes-Truscott also gave a presentation about the Pledge to End Diabetes Stigma and facilitated a workshop.







People and Partnerships











Meet



Prof Jane Speight Foundation Director



Dr Elizabeth Holmes-Truscott Deputy Director



Danni Bellu Administrator



Dr Ralph Geerling Research Fellow



Jennifer Halliday Research Fellow



Dr Edith Holloway Research Fellow



Dr Joanne Jordan Research Fellow



Dr Eloise Litterbach Research Fellow



Sarah Manallack PhD Candidate / Research Assistant



Karen Pearce PhD Candidate



Narelle Robertson Casual Research Fellow



Alison Robinson Research Fellow



Sienna Russell-Green Research Fellow



Prof Timothy Skinner Professor



Dr Uffe Søholm Research Fellow



Sharm Thuraisingam Research Fellow



Victoria Yutronich Communications Officer

Partners for better health





Our Next Generation

*

Capacity building is integral to our work. Our PhD candidates are our future leaders.

Our PhD candidates all made excellent progress in 2024, continuing their research and presenting at national and international conferences. We were delighted to welcome Karen Pearce who began her PhD in February, under a Cotutelle arrangement with Coventry University, UK.

Ralph Geerling was awarded his PhD by Deakin University. The title of his thesis was: **Personality and weight management in adults with type 2 diabetes.**









Ongoing PhDs - Deakin University

Jennifer Halliday

Supporting health professionals to provide support for diabetes distress

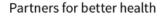
Sarah Manallack

Internalised stigma among women with type 2 diabetes at mid-life

Karen Pearce (Joint PhD with Coventry University – UK)

Tailoring diabetes prevention programs for women in mid-life









Local, national and international collaborations

in Victoria

- Baker Heart & Diabetes Institute
- Centre for Eye Research Australia
- Deakin University
- Diabetes Victoria
- La Trobe University
- Monash Partners Academic Health Sciences Centre
- Murdoch Children's Research InstituteRoyal Melbourne Hospital

Monash University

- St Vincent's Hospital, Diabetes Technology
 Group
- St Vincent's Institute of Medical Research
- University of Melbourne

across Australia

- Australian Catholic University
- Australian Centre for Accelerating Diabetes Innovations (ACADI)
- Australian Centre for Health Services Innovation (AusHSI), Qld
- Australian Diabetes Clinical Quality Registry (ADCQR)
- Australian Diabetes Educators Association (ADEA)
- Australian Diabetes Society (ADS)
- Australian JDRF Closed Loop Research Group
- Australian National University
- Australian T1D Clinical Research Network
- Australian T1D Immunotherapy Collaborative
- Australian T1D National Screening Program
- CSIRO

- Diabetes Australia, including the National Diabetes Services Scheme (NDSS)
- Kids Research Institute Australia, WA
- National Association of Diabetes Centres (NADC)
- OzDAFNE Collaborative
- Perth Children's Hospital, WA
- Primary Care Diabetes Society of Australia (PCDSA)
- The George Institute for Global Health, NSW
- The Obesity Collective
- University of Adelaide, SA
- University of Sydney, NSW
- University of Western Sydney, NSW

across the world

- Aarhus University, Denmark
- Amsterdam UMC, The Netherlands
- Behavioral Diabetes Institute, USA
- Charite Universitatsmedizin, Berlin, Germany
- Columbia University, USA
- Coventry University, UK
- #dedoc°, Berlin, Germany
- Dalhousie University, Canada
- Diabesties Foundation, India
- Diabetes Canada
- Diabetes Center Berne, Switzerland
- Diabetes New Zealand
- Diabetes UK
- diaTribe Foundation, USA
- European Association for the Study of Diabetes (EASD)
- EU Hypo-RESOLVE Consortium
- EU OPEN Diabetes Consortium
- FIDAM Research Institute, Germany
- International Hypoglycaemia Study Group (IHSG)
- Jaeb Center for Health Research, USA
- Kaiser Permanente, USA
- Karolinska Institute, Sweden
- King's College London, UK
- Leicester Diabetes Centre, UK
- NIH CLEAR trial consortium: 9 centres (6 in US, 2 in UK and one in Australia)

- National University Singapore
- OpenAPS, USA
- Penn State University, USA
- PsychoSocial Aspects of Diabetes (PSAD)
 Study Group
- Radboud UMC, The Netherlands
- Ramaiah Medical College, Bengaluru, India
- Staffordshire University, UK
- Stanford University, USA
- Steno Diabetes Center Copenhagen, Denmark
- Syddansk University, Denmark
- University of Alberta, Canada
- University College Dublin, Ireland
- University College London, UK
- University of Connecticut, USA
- University of Copenhagen, Denmark
- University of Dundee, UK
- University of East Anglia, UK
- University of Galway, Ireland
- University of Leeds, UK
- University of Leicester, UK
- University of Michigan, USA
- University of Newcastle, UK
- University of Pennsylvania, USA
- University of Sharjah, UAE
- University of Sheffield, UK
- University of Southampton, UK
- University of Virginia, USA
- Western Norway University







We thank the following organisations for funding our research in 2024







The ACBRD is supported via Deakin University's Faculty of Health, School of Psychology, and Institute for Health Transformation





















In addition, we acknowledge these organisations, supporting research on which the ACBRD is a partner







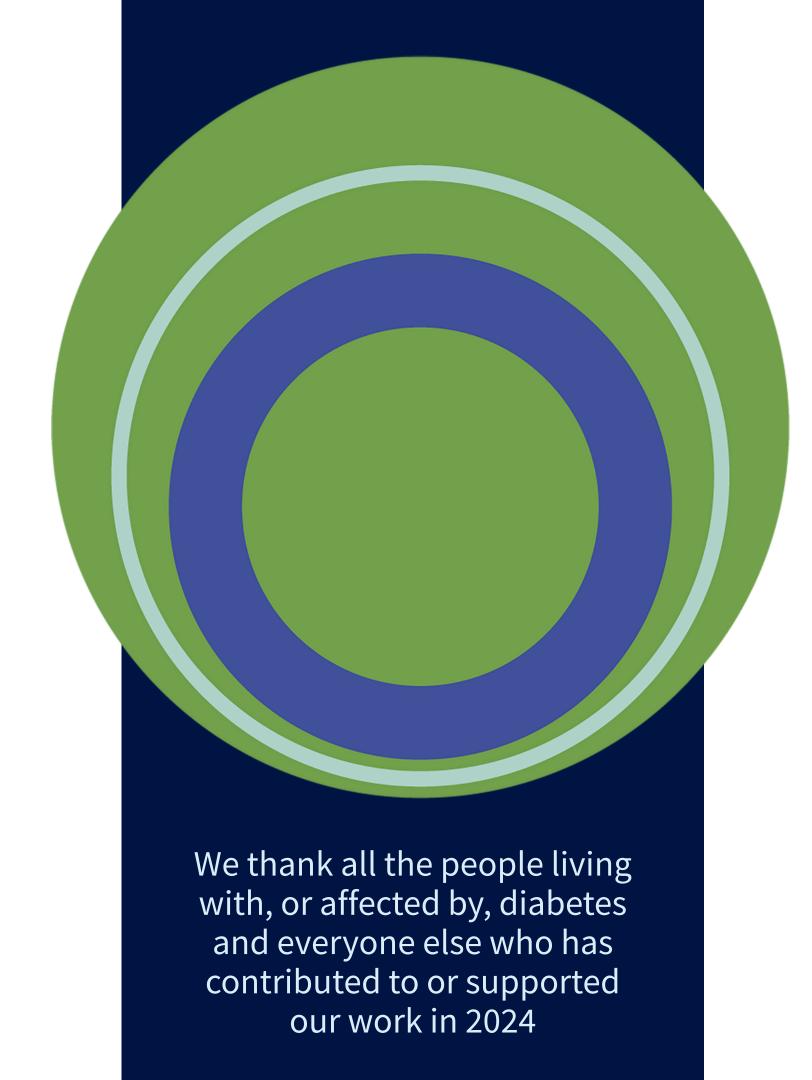












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