Is self-compassion the antidote to diabetes stigma and distress?

Dr Adriana Ventura







Overview

- Part 1: Research
 - What does psychology have to do with diabetes?
 - Key and emerging areas of psychosocial research in diabetes
 - Diabetes MILES findings
- Part 2: Practice
 - Self-compassion as a focus for diabetes management
 - What you can do



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Living successfully with diabetes

- In-target average blood glucose levels
 - HbA1c <7% or <53mmol/mol
- Preventing or delaying complications
- Longer diabetes duration
- Scrupulous self-management
 - Healthy eating, regular physical activity, taking insulin/medications as recommended
- Social and occupational functioning
- Emotional well-being
- Quality of life



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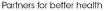
Quality of life



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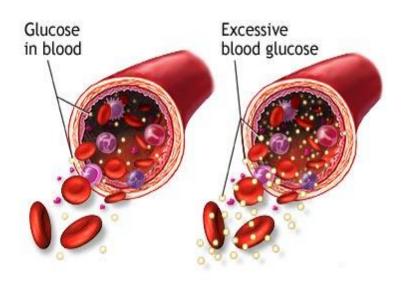


Surely success is all about achieving HbA1c targets



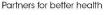


What does HbA1c tell us?



- Measure of average glucose levels in the past 8-12 weeks
- Strong association between HbA1c and risk of complications
- A reliable indicator of future health

The Australian Centre for Behavioural Research in Diabetes



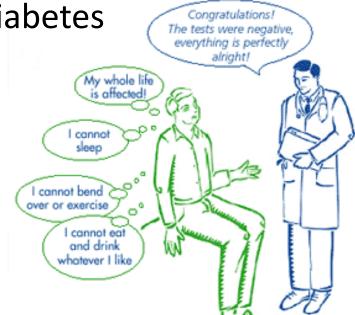


What doesn't HbA1c tell us?

- about everyday highs and lows
- how the person manages their diabetes
- knowledge of diabetes
- beliefs about diabetes
- self-management skills
- confidence
- the support (or lack of it) from family and friends
- how diabetes affects quality of life
- how they feel about living with diabetes



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The intersection of diabetes and psychology

"From a psycho-behavioural perspective, it is difficult to imagine any other illness that places the same level of demand on patients to selfmonitor and self-regulate their own health status"

Gonder-Frederick LA et al. Diabetes and behavioural medicine: The second decade. Journal of Consulting and Clinical Psychology 2002;70(3):611-625. "State-of-the-art diabetes care builds on psychological and behavioural principles, not for only those patients with psychological disorders, but for all persons living and coping with diabetes."

Skinner TC & Snoek F. Psychology in diabetes care, 2nd edition 2005; West Sussex, UK: Wiley. p. xvii

"The evidence that behaviour is the dominant element in successful management of diabetes is so overwhelming that we tend to ignore it"

Professor Edwin Gale







Self-management is complex

- It is a behavioural process
- Shift from *adherence* \rightarrow *empowerment*
 - Provide people with the skills, resources and support they need to make informed self-care choices
- Self-management influenced by a range of individual, environmental and social influences
 - E.g. attitudes, beliefs
 - Psychological wellbeing, QoL
 - Social supports/relationships/work or school context
 - Interaction with health professionals



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Diabetes MILES



Management and Impact for Long-term Empowerment & Success



www.diabetesMILES.org

• International collaborative

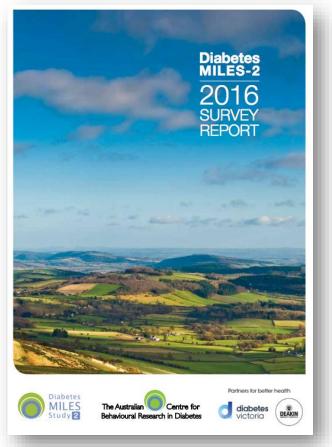
- Large-scale, national surveys of people with diabetes
- Using validated measures and novel measures in development
- Key topic areas:
 - Psychological: depression, anxiety, distress
 - Behavioural: self-management
 - Social: health care, social and peer support
- Australian surveys to date:
 - 2011: >3000 T1D or T2D adults
 - 2014: >700 T1D adolescents & their parents
 - 2016: >2000 T1D or T2D adults incl. longitudinal sample ~500



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Diabetes MILES-2



www.diabetesMILES.org



- National online survey focused on psychosocial aspects of diabetes
 - Questions tailored to diabetes type / treatment
- Eligibility:
 - Adults (18-75)
 - Self-reported diagnosis of T1D or T2D
 - able to read/write in English
- Advertised nationally & invitation sent to:
 - 20,000 Australians registered with diabetes
 - 2011 MILES study cohort (~2000)
- Final Sample: N = 2,342
 - 1078 T1D: 59% women; aged 44±15yrs
 - 1263 T2D: 43% women; aged 61±9yrs;
 42% insulin-treated
 - 504 longitudinal cohort
- Details: Browne et al. BMJ Open, 2017:7, 2



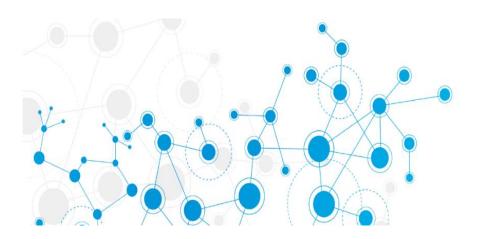
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Findings from Diabetes MILES-2



- 1. Diabetes distress
- 2. Diabetes stigma
- 3. Self-compassion





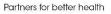
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Diabetes distress

- Negative emotional responses to living with diabetes...
 - the diagnosis of diabetes
 - threat of complications
 - self-management demands
 - unresponsive HCPs and/or
 - unsupportive interpersonal relationships
- Part of the "spectrum of experience of diabetes"
 - When severe, a problem that needs to be addressed
- Measured by Problem Areas In Diabetes (PAID) scale



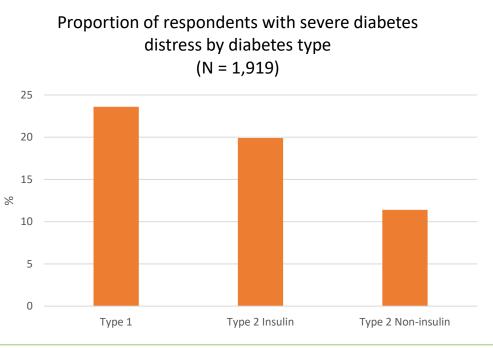




Severe diabetes distress



- Those with T1D more likely than others to experience *severe* diabetes distress
 - 40 cut-off score





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Top 5 problem areas causing distress



Type 1 diabetes

- 1. Worrying about the future and the possibility of serious complications
- 2. Feelings of guilt or anxiety when you get off track with your diabetes management
- 3. Feeling 'burned-out' by the constant effort needed to manage diabetes
- 4. Worrying about low blood sugar reactions
- Not knowing if your mood or feelings are related to your diabetes

Type 2 diabetes

- 1. Worrying about the future and the possibility of serious complications
- 2. Feelings of guilt or anxiety when you get off track with your diabetes management
- 3. Not knowing if your mood or feelings are related to your diabetes
- 4. Feeling constantly concerned about food and eating
- 5. Feeling 'burned-out' by the constant effort needed to manage diabetes



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"It's a scary thing – always hearing about how diabetes can cause serious complications – HPs just throw these things out there to scare you into looking after yourself better, but instead it just makes you want to go more into denial about it"

- Woman with T1D, aged 20





Diabetes stigma

- Exclusion
- Rejection
- Blame
- Stereotyping
- Status loss
 - ...that results from a negative social judgement about diabetes
 - ...perceived or experienced first-hand

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BMI Open 'I call it the blame and shame disease': a qualitative study about perceptions of social stigma surrounding type 2 diabetes

Jessica L Browne, 1,2 Adriana Ventura, 1,3 Kylie Mosely, 4 Jane Speight 1,2,5

rowne JL., Mosely K. et al. e blame and shame i qualitative study options surtounding betes. <i>BMJ Open</i> 0384. 36/bmjopen-2013- lication history for	ABSTRACT Dijectives: While health-related stigma has been the subject of considerable research in other conditions (obesity and HIV/ADS), it has not received substantial attention in diabetes. The aim of the current study was to explore the social experiences of Australian adults living with type 2 datebets mellius ("ZUDN), with a particular focus on the perception and experience of diabetes -related stigma. Design: A qualitative study using semistructured infortigrapps, given tame autoin according transmission.	Strengths and limitations of this study This qualitative study is the first to describe, in detail, the perceptions and experiences of databets-reliable stignar. from the perspective of adobts with hype 2 databets mellitus (T20M). While the small sample size may limit the repre- sentativeness of the findings, efforts were made to insude a broad cross-section of adults with T20M and data saturation was achieved.		
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Jessica L Browne, 1,2 Adriana Ventura, 1,3 Kylie Mosely, 4 Jane Speight 1,2,5

Research

ABSTRACT

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diabetic': a qualitative study

diabetic: a qualitative study of stigma from the perspective of adults with type 1 diabetes. *BMJ Open* 2014;4:e005625.

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'I'm not a druggie. I'm just a

diabetes

Objectives: While health-related stigma has been the subject of considerable research in other conditions (eg, HIV/AIDS, obesity), it has not received substantial attention in diabetes. Our aim was to explore perceptions and experiences of diabetes-related stigma from the perspective of adults with type 1 diabetes mellitus (T1DM).

Design: A qualitative study using semistructure interviews, which were audio recorded, transcribed and subject to thematic analysis. Setting: All interviews were conducted in non-clinical settings in metropolitan areas of Victoria, Australia. Participants: Adults aged ≥18 years with T1DM

(http://dx.doi.org/10.1136/ bmjopen-2014-005625). living in Victoria were eligible to take part. Participants were recruited primarily through the state consumer organisation representing people with diabetes. A total of 27 adults with T1DM took part: 15 (56%) were women; median IQR age was 42 (23) years and diabetes duration was 15 (20) years). Results: Australian adults with T1DM perceive and experience T1DM-specific stigma as well as stigma-by-association with type 2 diabetes. Such stigma is characterised by blame, negative social judgement. stereotyping, exclusion, rejection and discrimination Participants identified the media, family and friends, healthcare professionals and school teachers as sources of stigma. The negative consequences of this stigma span numerous life domains, including impact on relationships and social identity, emotional well being and behavioural management of T1DM. This stigma also led to reluctance to disclose the condition in various environments. Adults with T1DM can be both the target and the source of diabetes-related stinma

stopma. Conclusions: Stigmatisation is part of the social experience of living with T1DM for Australian adults. Strategies and interventions to address and mitigate this dishter a minute discusses and mitigate this diabetes-related stigma need to be developed and evaluated

INTRODUCTION

Health-related stigma is the negative social judgement based on a feature of a condition or its management that leads to perceived or p.10). A recent large-scale multinationa Browne JL, et al. BMJ Open 2014;4:e005625. doi:10.1136/bmjopen-2014-005625

Strengths and limitations of this stud To our knowledge, this study is conduct a systematic and in-depth examination of the perception and experience of dia related stigma from the perspective of adult with type 1 diabetes mellitus. Strengths of this study include the r topic of enquiry, and the richness of data col-lected through in-depth interviewing. Limitations of this study include the fact that people born outside Australia and those living rural/regional areas were under-represented

experienced exclusion rejection blame stereotyping and/or status loss.1 2 This is a destructive social phenomenon; one that has been observed and studied extensively in conditions such as HIV/AIDS,^{3–5} obesity,^{6–9} and mental illness.^{10–14} Type 1 diabetes melli-tus (T1DM) is a serious chronic condition that requires unrelenting self-management (including multiple daily insulin injections or insulin pump therapy), and can impact on both quantity and quality of life. Traditionally, T1DM research has focused on the biomedical aspects of actiology and management of the condition. However, recent decades have witnessed the rise of psycho social research, exploring the emotiona behavioural and social aspects of living with TIDM

There is limited but growing awareness that people with diabetes face stigmatisation and discrimination as a result of their condition. The International Diabetes Federation has identified diabetes-related stigma as a problem that needs urgent attention, and one of the organisation's key priorities is to 'champion a world free from discrimination and stigma for people with diabetes' (ref. 16

Partners for better health





Measuring diabetes stigma

- Newly developed: Type 1 and Type 2 Diabetes Stigma Assessment Scales (DSAS-1 and DSAS-2)
 - 19 items each
 - DSAS-1 subscales:
 - Treated differently
 - Blame and judgement
 - Identity concerns
 - DSAS-2 subscales:
 - Treated differently
 - Blame and judgement
 - Self-stigma



- Enables quantitative assessment of the relationships with diabetes outcomes
 - E.g. diabetes distress, HbA1c



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Top 3 endorsed stigma items



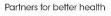
Type 1 diabetes

- Because I have type 1 diabetes, some people judge me if I eat sugary food or drinks (e.g. cakes, lollies, soft drink)
- 2. Some people make unfair assumptions about what I can and cannot do because of my type 1 diabetes
- 3. Some people assume that it is my fault I have type 1 diabetes (e.g. I ate too much sugar, I could have prevented it)

Type 2 diabetes

- Because I have type 2 diabetes, some people assume I must be overweight, or have been in the past
- There is a negative stigma about type 2 diabetes being a 'lifestyle disease'
- 3. Because I have type 2 diabetes, some people judge me for my food choices







"As if the disease weren't bad enough, the stigma of type 2 diabetes is worse"

- Man with T2D, aged 53





Diabetes stigma x diabetes distress



 Significant, positive association between diabetes stigma and diabetes distress, by diabetes type and treatment

Characteristic	Туре 1	Туре 2
Female	\checkmark	\checkmark
Diabetes complications	\checkmark	\checkmark
Younger age <35 years	\checkmark	\checkmark
Less years lived with diabetes	\checkmark	
Not in a relationship	\checkmark	
Using insulin therapy		\checkmark

Note: unpublished findings: please do not circulate more broadly.



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- The practice of being kind, gentle, supportive and understanding toward oneself
 - Particularly when faced with difficult life struggles (Neff, 2003)
- It promotes an attitude of acceptance that imperfection is part of shared human experience
 - Frustrations, losses, mistakes, 'failures' part of the human condition



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What it is

Self-kindness

 Warm and understanding toward oneself



What it is not

- Self-judgement
 - Self-criticism
 - Harsh judgement





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<u>What it is</u>

Mindfulness

- Non-judgement
- Observe thoughts and feelings as they are



What it is not

- Over-identification
 - Caught-up in thoughts and feelings
 - Negative reactivity





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<u>What it is</u>

Common humanity

 Recognising that all humans suffer, fail, make mistakes, are imperfect!



What it is not

- Isolation
 - Feeling as though you are the only one feeling this way





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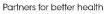


Self-compassion in the broader literature



- Greater self-compassion associated with:
 - Emotional resilience/well-being (MacBeth & Gumley, 2012)
 - Ability to self sooth (physiological process) (Porges, 2007)
 - Health promoting behaviours (e.g. healthy eating and physical activity) (Sirois et al, 2014)
 - Less self-stigma in overweight and obesity (Hilbert et al, 2015)







Self-compassion and diabetes



- Greater self-compassion associated with:
 - Better well-being, more optimal HbA1c, higher engagement with healthy diet and physical activity (Ferrari et al., 2017)
 - Lower diabetes distress and depression, and acts as a buffer between high distress and sub-optimal HbA1c (Friis et al., 2015)



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Self-compassion and diabetes outcomes



- Self-compassion significantly associated with:
 - Behavioural: more optimal diet and physical activity
 - Clinical: more optimal HbA1c
 - Emotional: less depression, anxiety, diabetes distress
 - Social: less diabetes stigma

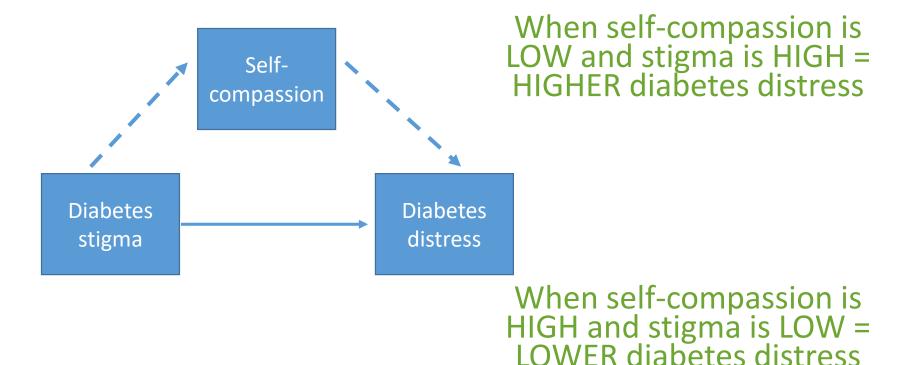
Note: unpublished findings: please do not circulate more broadly.



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Effect of self-compassion on diabetes stigma and distress



Note: unpublished findings: please do not circulate more broadly.



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How to kill two birds with one stone?



- Kill them with kindness, I say.
 - Self-compassion is a relevant construct in relation to diabetes
- Increasing self-compassion is a good option, and you don't need to be a psychologist to do it!
 - Offering strategies for coping with diabetes and changes to diabetes management is crucial



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Self-compassion in practice

"The best way to counteract self-criticism is to understand it, have compassion for it, and then replace it with a kinder response"

– Kristin Neff

- What can you do?
 - Every consultation is an opportunity to focus on the emotional well-being of the person ...

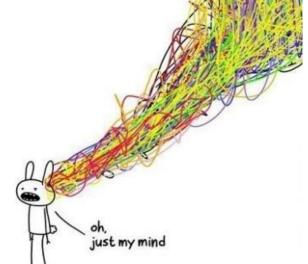




What YOU can do

- Be *mindful* of your communication with the person with diabetes
 - <u>Notice</u> when they use overly critical language about their diabetes or themselves
 - <u>Notice</u> when you use judgemental or critical language about their diabetes
 - Even when you don't say it aloud!

what the hell is that ?

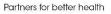




Self-compassion exercise

- How would you treat a friend? (for the person with diabetes)
 - Ask them to think about times when a friend has felt really badly about themselves and how they typically respond
 - Ask them to think about when they have felt really badly about themselves and how they typically respond
 - Compare the differences and explore why!
 - Encourage them to treat themselves like they would a good friend!







What YOU can do

- Be honest with the person, but always kind
 - Remind them that being imperfect and experiencing difficulties is inevitable and part of being human.
 - Work out a realistic plan for moving forward together.
 - You might like to use the phrase: *"You're doing the best you can right now"* (if this is true!)





What YOU can do

- Tell them they are not alone
 - Help the person to recognise that other people with diabetes feel similarly to them at times (e.g. like a failure)
 - Use the phrase: "You are not alone"
 - Peer support is an option



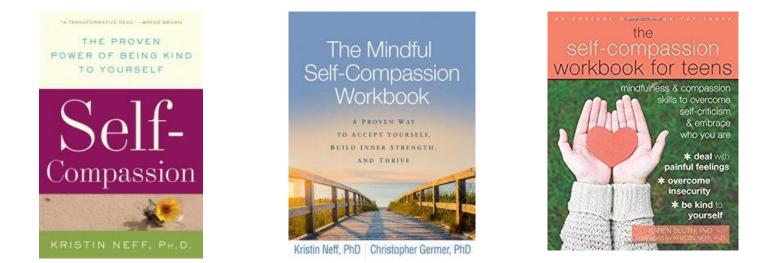


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Resources

- Simple exercises can be implemented by YOU
- Readings, exercises, tools (including questionnaires) and professional courses
 - www.selfcompassion.org





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diabetes

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Your health matters too



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Relationships between nurses' empathy, self-compassion and CrossMark dimensions of professional quality of life: A cross-sectional study

Joana Duarte*, José Pinto-Gouveia, Bárbara Cruz

Cognitive-Behavioral Res Nurse Education Today 46 (2016) 109-114



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Accepted 26 February 2 Keywords

Empathy Compassion fatigue Nurses Professional quality of Self-compassi

A pilot study exploring the relationship between self-compassion, self-judgement, self-kindness, compassion, professional quality of life compassional and wellbeing among UK community nurses

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ELSEVIER ABSTRACT

Guest Editorial

Er Sel

Background: Compassion fatigue and bu On self-compassion and self-care in nursing: Selfish or essential relationship between self-compassion, s and wellbeing among community nurses for compassionate care? Aim: To measure associations between

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Abstract

Concerns

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benefits for

community nurses Method: Quantitative data were collected Quality of Life Scale; (2) Self-Compassion passion For Others Scale, used to measure and burnout. Keyword Participants: A cross sectional sample of Caring diploma at a University in the North of E Compassion Results: Results show that community nur Nurse Nursing report less burnout. Greater compassion Self-care and wellbeing, whilst also being negative Self-compassion Conclusion: High levels of self-compassion nity nurses have greater compassion sa wellbeing, and less burnout. The implica greater compassion



Given that nurses' wellbeing and quality of care have been shown to be interdependent (Maben et al., 2012), it is not surprising that compassionate care for patients has become a pressing issue. The impacts of occupational stress, burnout, and compassion fatigue feature prominently in the Compassionate care in nursing is increasingly an international concern. While the literature to date has literature (Chang et al., 2007: Lee et al., 2012: Tucker et al., focussed on redressing a compassion and care deficit 2012); as does workforce turnover and nurse shortages (Hayes et al., 2012; Roche et al., 2014). Many nurses cope by across the nursing discipline (Crawford et al., 2014; Dewar distancing themselves from patients (Mackintosh, 2007). Whilst this has implications for the therapeutic relationship,

et al., 2014; Scott, 2014), we suggest here that due consideration be given to its relationship to self-care and self-compassion in nurses. After all, a deficit in these compromises nurses' therapeutic use of self in the provision of compassionate care to patients. As a noted scholar and practitioner of compassion, the Dalai Lama (2003, p. 125) argues that:

For someone to develop genuine compassion towards

Health Practitioners and the Directive Towards Compassionate Healthcare in the UK: Exploring the Need to Educate Health Practitioners on How to be Self-Compassionate and Mindful Alongside Mandating Compassion Towards Patients

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Compassion and self-compassion in medicine: Self-care for the caregiver

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EDITORIAL

Two seemingly distinct crises are discussed in the

recent nursing literature - a global workforce crisis (Van

den Heede and Aiken, 2013) and the 'crisis in nursing care'

(Darbyshire and McKenna, 2013). Clearly, it is short-

of greater concern, is the dehumanisation of patients by a

profession that espouses humanistic care (Maben et al.,

2012; Trifiletti et al., 2014). The nursing practice

environment is a key factor (Norman, 2013), but within

this environment nurses are, themselves, clearly in need of

self-compassion and self-care. Despite the centrality of

caring in nurses' work, many nurses neglect self-care

sighted to view these in isolation.

In the words of the 14th Dalai Lama, an esteemed scholar of compassion:

For someone to develop genuine compassion towards others, first he or she must have a basis upon which to cultivate compassion, and that basis is the ability to connect to one's own feelings and to care for one's own welfare. . . Caring for others requires caring for oneself.⁶

importance of self-care

it not unique to medicine, doctors working in this ssion appear at risk of stress and burnout. from doctors' personal stressors, exposure to nts' pain and suffering is a normal feature of clinical ice.7,8 Traditionally, many doctors have worn the of 'burnout' as a badge of honour.9 But many argue mpact of stress can compromise the compassionate provided to patients in addition to its effect on the or's well-being.8-10 Unfortunately there is evidence to est that anxiety and depression are common, and the le rate of doctors has been found to be higher than general population.

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Is self-compassion the antidote to diabetes stigma and distress?

- This is a novel area of research
- Clearly an important construct for diabetes with promising evidence to suggest that a focus on SC will improve diabetes outcomes
- BUT more work is needed to examine effectiveness of Mindful Self-Compassion (MSC) intervention among people with diabetes
- ANSWER: wait and see



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- Dr Christel Hendrieckx
- Dr Jessica Browne

Study sponsor

• Sanofi ANZ



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Thank you aventura@acbrd.org.au acbrd.org.au



