Implementation of Diabetes Distress Screening to Tailor Diabetes Self-Management Education and Support (DMSES) 블 OhioHealth Judy C. Kariuki, DNP, RN, APRN-CNS, AGCNS-BC, CMSRN, EBP-C

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INTRODUCTION



- Diabetes: 7th leading cause of death (CDC, 2020).
- 50% of admitted patients have diabetes (Wilson et al., 2019)
- Cost: \$327 billion in medical costs annually ~ 1:4 healthrelated expenditure dollars (ADA., 2018)
- **Diabetes distress:** Emotions associated with the daily demands of living with diabetes (Polonsky et al., 2005)
 - Underreported in 25% of people with diabetes (CDC,2020)
 - Prevalent in 8.9% of those hospitalized compared to 1.2% seen in primary care (Kuniss et al., 2021)

Organization's Practice Gap:

- Current practice at a tertiary hospital in Ohio does not screen patients for diabetes distress or tailor DSMES.
- All patients consulted for diabetes education currently receive a comprehensive DSMES care plan.
- ADA standards of diabetes medical care recommend that all patients are assessed and provided with individualized self-management education AND <u>emotional support</u> (ADA., 2018)

OBJECTIVE

- **Purpose:** Implement diabetes distress screening (DDS-17) to tailor diabetes self-management education and support.
- Aims: Evaluate staff engagement in diabetes distress screening & identify patient's most distressing domains.

AVAILABLE KNOWLEDGE

John Hopkins Nursing Evidence-Based Practice: Synthesis						
	Cummings et al., 2017	Lutes et al., 2018	Tang et al., 2014	Tang et al., 2015	Hood et al., 2018	Presle 20
Level of Evidence:	II	II	II	II	VI	
Intervention:	Small lifestyles change intervention	Small change lifestyle coaching	DSME and peer support	DSME and peer support	Culturally appropriate peer support groups.	DSME and sup
Instrument:	DDS-17 scale	DDS-17 scale	DDS-17 scale	DDS-17 scale	DDS-17 scale	DDS-
Outcomes Synthesis:						
HbA1c	\downarrow	\downarrow	\downarrow		NE	
Diabetes Distress	\downarrow	\downarrow	\downarrow	\downarrow	\downarrow	

Symbol Key: \uparrow = Increased, \downarrow = Decreased, — = No Change, NE = Not Examined

