

Type 1 Diabetes Distress Assessment System (T1DDAS)

CORE & SOURCE SCALES COMBINED

Living with diabetes can be tough. Listed below are many of the stresses and worries that people with diabetes often experience. These are issues that can often be tough to acknowledge and to talk about, but please be as open and honest as you can. Thinking back over the past month, please indicate how much each of the following items were a problem for you by marking the appropriate column.

For example, if an item was not a problem for you over the past month, place a mark in the first column: "Not a Problem" (1). If it was a very tough problem for you, place a mark in the last column: "A Very Serious Problem" (5).

	Not a problem	A little problem	A moderate problem	A serious problem	A very serious problem
	1	2	3	4	5
1. I feel burned out by all of the attention an effort that diabetes demands of me.					
2. It bothers me that diabetes seems to control my life.					
3. I am frustrated that even when I do what I am supposed to for my diabetes, it doesn't seem to make a difference.					
4. No matter how hard I try with my diabetes, it feels like it will never be good enough.					
5. I am so tired of having to worry about diabetes all the time.					
6. When it comes to my diabetes, I often feel like a failure.					
7. It depresses me when I realize that my diabetes will likely never go away.					
8. Living with diabetes is overwhelming for me.					
9. I feel discouraged when I see high blood glucose numbers I can't explain.					
10. It is disappointing that I do not get the kind of support for my diabetes from my friends and family that I need.					
11. I feel frustrated about how hard it is to find good diabetes care.					
12. I get scared that I have to rely on diabetes devices (meters, pumps CGM).					

13. It makes me feel bad that my diabetes affects others around me.
14. I worry that my life will be cut short by diabetes.
15. I worry that I can't get the healthy food I need for my diabetes.
16. I worry a lot that I could have a serious low glucose event.
17. I often feel ashamed or embarrassed when other people know about my diabetes.
18. I am frustrated that insurance does not cover the things I need for my diabetes.
19. I feel that thoughts about food and eating control my life.
20. When it comes to medical care, it upsets me that I am mostly on my own with diabetes.
21. I am overwhelmed by all the information I get from my diabetes devices (pumps, CGM, meters).
22. I feel like I am burden to others because of my diabetes.
23. No matter what I do, I fear that serious complications from diabetes will happen to me.
24. I feel angry when others tell me what I should do to manage my diabetes.
25. I feel so scared of going low that I avoid things in my life.
26. I fear that others will think I am sick or have something wrong with me because I have diabetes.
27. I worry about how hard it is to get to my healthcare appointments or pharmacy.
28. I get angry at myself for not managing diabetes better.
29. It upsets me that I have to pay so much for my diabetes care, medicines and supplies.
30. I feel worried that I cannot always trust my diabetes devices (pumps, CGM, meters).

Scoring The T1DDAS

CORE SCALE SCORING: The Core Distress Level is a single numeric score, based on the average of the eight contributing items. *This score reflects the degree of, intensity, or amount of core diabetes distress reported by the respondent, with higher scores indicating greater intensity.*

To score, sum the scores across items 1 to 8 (1 to 5) and then divide by 8: _____

What if all 8 items are not completed?

If only 7 items are completed, sum the scores of the items and divide by 7. If only 6 items are completed, sum the scores of the items and divide by 6. A minimum of 6 completed items are required for an accurate CORE score. We view a total CORE score based on fewer than 6 items to be unreliable and therefore not scorable.

SOURCE SCALE SCORING: This scale assesses each of ten common *Sources* of diabetes distress for adults with type 1 diabetes. Each *Source* refers to a specific aspect of living with and managing diabetes that can lead or contribute to diabetes distress for a particular individual. The higher the score, the more impactful that *Source* is likely to be in contributing to diabetes distress for this individual.

Each *Source* should be scored and considered individually; summing across *Sources* into a single, overall score or combining scores across *Sources* in any way **IS NOT RECOMMENDED**. A review of each of the highest scored *Sources (and items)* will help identify which of the different aspects of living with and managing diabetes may be having the biggest impact on the individual.

To score each *Source*, sum the scores (1 to 5) across all of the items in that scale and divide by the number of contributing items as follows:

Financial Worries: Items 18, 29 divided by 2. _____

Interpersonal Challenges: Items 10, 24 divided by 2. _____

Management Difficulties Items 9, 19, 28 divided by 3. _____

Shame Items 17, 26 divided by 2. _____

Hypoglycemia Concerns Items 16, 25 divided by 2. _____

Healthcare Quality Items 11, 20 divided by 2. _____

Lack Of Diabetes Resources Items 15, 27 divided by 2. _____

Technology Challenges: Items 12, 21, 30 divided by 3. _____

Burden To Others Items 13, 22 divided by 2. _____

Worries About Complications Items 14, 23 divided by 2. _____

All items included in a *SOURCE* scale must be completed for that particular *SOURCE* score to be reliable. If an item is missing, a *SOURCE* score should not be computed.

Scoring the T1DDAS-CORE

The Core Distress Level is a single numeric score, based on the average of the eight contributing items. *This score reflects the degree of, intensity, or amount of core diabetes distress reported by the respondent, with higher scores indicating greater intensity.*

To score, sum the scores across all eight items (1 to 5) and divide by 8: _____

What if all 8 items are not completed?

If only 7 items are completed, sum the scores of the items and divide by 7. If only 6 items are completed, sum the scores of the items and divide by 6.

NOTES:

A minimum of 6 completed items are required for an accurate CORE score.

We view a total score based on fewer than 6 items to be unreliable and therefore not scorable.

If you administer both the CORE and SOURCE sections of the T1-DDAS, we suggest that you administer the CORE section first.