MIOS - F

This questionnaire asks about experiences you may have had after a very stressful experience in which:

- You did something (or failed to do something) that went against your moral code or values (e.g., you harmed someone or failed to protect someone from harm), or
- You saw someone (or people) do something or fail to do something that went against your moral code or values (e.g., you witnessed cruel behaviour), or
- You were directly affected by someone doing something or failing to do something that went against your moral code or values (e.g., being betrayed by someone you trusted).

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1.	Have	Have you had an experience (or experiences) as described above?							
		Yes	□ No →	You do not have to complete	te this questi	onnaire.			
		▼							
	Please answer questions A-C while thinking about the <u>worst event that currently bothers you the most</u> . This could be one of the examples above, or some other very stressful experience that went against your core values.								
	A. Did the event involve something you did or failed to do? Yes No								
	B. Did the event involve observing someone else acting (or failing to act)?YesNo								
	C. Did the event involve being directly impacted by someone else (or people) acting (or failing to act)? Yes No								
	For events that had multiple features, which aspect was the worst (A, B, or C)?								
2.	In wh	at year did this event happe	en?						
3.	Did the event involve actual or threatened death, serious injury, or sexual violence? No								
4.	In the	past month, have you			Yes	No			
		ad nightmares about the evant to?	ent or thought about th	ne event when you did not					
		ed hard not to think about tuations that reminded you		of your way to avoid					
	C. be	een constantly on guard, w	atchful, or easily startle	ed?					
	D. felt numb or detached from people, activities, or you			ur surroundings?					
		It guilty or unable to stop booklems the event(s) may h		ers for the event(s) or any					
5.	If you feel comfortable, briefly describe the worst event:								

Keeping this worst event in mind, please read each of these statements and circle one of the numbers to the right to indicate how much you would agree with the statement <u>in the past month</u>.

		Strongly Disagree	Disagree	Neither Agree or Disagree	Agree	Strongly Agree
1.	I blame myself.	0	1	2	3	4
2.	I have lost faith in humanity.	0	1	2	3	4
3.	People would hate me if they really knew me.	0	1	2	3	4
4.	I have trouble seeing goodness in others.	0	1	2	3	4
5.	People don't deserve second chances.	0	1	2	3	4
6.	I am disgusted by what happened.	0	1	2	3	4
7.	I feel like I don't deserve a good life.	0	1	2	3	4
8.	I keep myself from having success.	0	1	2	3	4
9.	There is no higher power.	0	1	2	3	4
10.	I lost trust in others.	0	1	2	3	4
11.	I am angry all the time.	0	1	2	3	4
12.	I am not the good person I thought I was.	0	1	2	3	4
13.	I have lost pride in myself.	0	1	2	3	4
14.	I cannot be honest with other people.	0	1	2	3	4

How much has this experience made it hard for you to function in each of the following areas? Circle one number for each item below. If an area is not applicable, circle N/A.

		Not at all		Somewhat		Extremely			
1.	Romantic relationships with spouse or partner	0	1	2	3	4	5	6	N/A
2.	Relationships with your children	0	1	2	3	4	5	6	N/A
3.	Relationships with other family members	0	1	2	3	4	5	6	N/A
4.	Friendships or socializing	0	1	2	3	4	5	6	N/A
5.	Professional (work, education, training)	0	1	2	3	4	5	6	N/A
6.	Hobbies and recreation activities that you do alone	0	1	2	3	4	5	6	N/A
7.	Hobbies and recreation activities that you do with others	0	1	2	3	4	5	6	N/A
8.	Religious faith/spirituality	0	1	2	3	4	5	6	N/A
9.	Day to day activities, such as chores, errands, finances, health	0	1	2	3	4	5	6	N/A

FOR ADMINISTRATORS

INSTRUCTIONS AND SCORING The Moral Injury Outcome Scale (MIOS)

General Scale Structure

- 1. Exposure Classification. The first question is a dichotomous yes/no to determine whether an individual should complete the MIOS. Persons who answer "no" should not complete the MIOS. The next questions of Page 1 determine which type of moral injury experience(s) is most currently distressing. These initial questions on page 1 are not scored. The clinical and abbreviated versions of the MIOS do not contain questions related to the date and description of the event.
- 2. PTSD Screen (optional). The Primary Care PTSD Screen for DSM-5 (PC-PTSD-5; Prins et al., 2016)*. The clinical and abbreviated versions of the MIOS do not contain this section.
- 3. Core MIOS items. The core 14-item Likert scale of the MIOS (see below for scoring information).
- 4. Functional Outcomes (optional). The 9 Likert items following the MIOS are based on the Brief Inventory of Psychosocial Functioning (B-IPF; Kleiman et al., 2020), with items 5-9 adapted/added. The abbreviated version of the MIOS does not contain this section.

Scale Versions

Depending on administrators needs and contexts, different versions of the MIOS have been created to faciliate optimal data collection needs. In each of the versions, the core 14 items of the MIOS are always included.

	Full Version (F)	Clinical (C)	Abbreviated (A)					
Exposure Classification	Extended classification of potentially morally injurious experience; includes date and description of event	Only classification of potentially morally injurious experience	Only whether a potentially morally injurious experience was experienced					
PTSD Screen	Yes	No	No					
Core MIOS	FULL 14 ITEMS OF MIOS ALWAYS INCLUDED							
Functional Outcomes	Yes	Yes	No					

Scoring

MIOS Scoring Instructions:

The 14-item MIOS is comprised of two subscales, and scale scores are indexed by the sum of item scores as follows:

Subscale 1: Shame-related Outcomes – items 1, 3, 7, 8, 12, 13, 14 [range 0-28]

Subscale 2: Trust Violation-related Outcomes – items 2, 4, 5, 6, 9, 10, 11 [range 0-28]

Total Score: All items [range 0-56]

Higher scores indicate greater levels of current moral injury.

There are currently no proposed scoring categories or cutoffs.

Functional Outcomes Scoring Instructions:

The 9-item functional outcome measure is adapted from the Brief Inventory of Psychosocial Functioning (B-IPF). Responses on these items may be considered independently for clinical purposes. Some items may not be applicable for different persons. An overall impression of functional impairment can be obtained by calculating as follows:

- 1. Sum responses for all answered items.
- 2. Divide by the total number of items answered.
- 3. Multiply by 10. [range 0-60]

Higher scores indicate more functional impairment.

There are currently no proposed scoring categories or cut offs.

FOR ADMINISTRATORS

INSTRUCTIONS AND SCORING The Moral Injury Outcome Scale (MIOS)

How to Cite this Scale

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Other References

*(included with permission)

Prins, A., Bovin, M. J., Smolenski, D. J., Marx, B. P., Kimerling, R., Jenkins-Guarnieri, M. A., Kaloupek, D. G., Schnurr, P. P., Kaiser, A. P., Leyva, Y. E., & Tiet, Q. Q. (2016). The Primary Care PTSD Screen for DSM-5 (PC-PTSD-5): Development and Evaluation Within a Veteran Primary Care Sample. Journal of general internal medicine, 31(10), 1206–1211. https://doi.org/10.1007/s11606-016-3703-5.

Kleiman, S. E., Bovin, M. J., Black, S. K., Rodriguez, P., Brown, L. G., Brown, M. E., Lunney, C. A., Weathers, F. W., Schnurr, P. P., Spira, J., Keane, T. M., & Marx, B. P. (2020). Psychometric properties of a brief measure of posttraumatic stress disorder-related impairment: The Brief Inventory of Psychosocial Functioning. Psychological services, 17(2), 187–194. https://doi.org/10.1037/ser0000306.