

Supplementary Material – Identified questionnaires and selection and modification of relevant items

Questionnaire	Total items	Number of items selected	Original item	Modified item
Attitudes Towards Acute Mental Health Scale (ATAMHS) [1]	33	2	Mental illness is the result of adverse social circumstances	N/A
			Violence mostly results from mental illness	N/A
Attitudes toward Mental Illness (AMI) [2]	24	4	The mentally ill, with a number of exceptions, cannot tell the difference between good and bad	FMH patients, with a number of exceptions, cannot tell the difference between good and bad
			Mentally ill people should be prevented from walking freely in public places	FMH patients should be prevented from walking freely in public places
			The mentally ill should not be allowed to make decisions, even those concerning routine events	FMH patients should not be allowed to make decisions, even those concerning routine events
			Every mentally ill person should be in an institution where he/she will be under supervision and control	Every FMH patients should be in an institution where he/she will be under supervision and control
Attitudes Toward Prisoners (ATP) [3]	36	14 ^a	Only a few prisoners are really dangerous*	Only a few FMH patients are really dangerous*
			Prisoners never change	FMH patients never change
			Most prisoners are victims of circumstance and deserve to be helped*	Most FMH patients are victims of circumstance and deserve to be helped*
			Prisoners have feelings like the rest of us*	FMH patients have feelings like the rest of us*

		It is not wise to trust a prisoner too far	It is not wise to trust a FMH patient too far
		Prisoners need affection and praise just like anybody else*	FMH patients need affection and praise just like anybody else*
		Trying to rehabilitate prisoners is a waste of time and money	Trying to rehabilitate FMH patients is a waste of time and money
		You have to be constantly on your guard with prisoners	You have to be constantly on your guard with FMH patients
		Most prisoners are too lazy to earn an honest living	Most FMH patients are too lazy to earn an honest living
		Prisoners are just plain mean at heart	FMH patients are just plain mean at heart
		Prisoners are just plain immoral	FMH patients are just plain immoral
		Prisoners should be under strict, harsh discipline	FMH patients should be under strict, harsh discipline
		Most prisoners can be rehabilitated*	FMH patients can be rehabilitated*
		If a person does well in prison, he should be let out on parole	If a FMH patient does well in CMHCare, he should be let out in the community
			If a FMH patient does well in FMHCare, he should be transferred to CMHCare
30	3	In spite of any efforts they are making, people with severe mental illness will never be like other people	In spite of any efforts they are making, FMH patients will never be like other people

Attitudes toward Severe Mental Illness (ASMI)[4]			People with severe mental illness are not able to acquire new skills	FMH patients are not able to acquire new skills
			People with severe mental illness can cope with life difficulties*	FMH patients can cope with life difficulties*
Believes toward Mental Illness Scale (BMI)[5]	21	3	A mentally ill person is more likely to harm others than a normal person	A FMH patient is more likely to harm others than a non-forensic patient with a mental illness
			Mental disorders would require a much longer period of time to be cured than would other general diseases	FMH patients would require a much longer period of time to be cured than would non-forensic patients with a mental illness
			Mentally-ill people are unlikely to be able to live by themselves because they are unable to assume responsibilities	FMH patients are unlikely to be able to live by themselves because they are unable to assume responsibilities
Community Attitudes Towards Mental Illness (CAMI)[6]	40	8	One of the main causes of mental illness is a lack of self-discipline and will power	One of the main causes of becoming a FMH patient is a lack of self-discipline and will power
			The mentally ill should not be treated as outcasts of society*	FMH patients should not be treated as outcasts of society*
			Virtually anyone can become mentally ill*	Virtually anyone can become a FMH patient*
			We need to adopt a far more tolerant attitude toward the mentally ill in our society*	We need to adopt a far more tolerant attitude toward FMH patients in our society*
			We have a responsibility to provide the best possible care for the mentally ill*	We have a responsibility to provide the best possible care for FMH patients*
			The mentally ill should not be given any responsibility	FMH patients should not be given any responsibility

			The mentally ill should be isolated from the rest of the community	FMH patients should be isolated from the rest of the community
			As far as possible, mental health services should be provided through community based facilities	As far as possible, FMHCare should be provided through community based facilities
Community attitudes toward sex offenders (CATSO)[7]	18	2	With support and therapy, someone who committed a sexual offense can learn to change their behaviour*	With support and therapy, a FMH patient can learn to change their behaviour*
			The prison sentences sex offenders receive are much too long when compared to the sentence lengths for other crimes*	The prison sentences FMH patients receive are much too short when compared to the sentence lengths for those without a mental illness*
Escala de Estigma y Salud Mental (EESMPR) [Mental Health Stigma Scale][8]	12	-		
Evaluación del Estigma de Enfermedad Mental en Enfermería (EVEPEM) [Evaluation of Stigma of Mental	20	9	People with a mental disorder are a burden on their family and society	FMH patients are a burden on their family and society
			People with a mental disorder are more likely to behave violently than are other people	FMH patients are more likely to behave violently than are other people
			In general, people with a mental disorder refuse therapeutic help	In general, FMH patients refuse therapeutic help
			People with a mental disorder can lead a normal life*	FMH patients can lead a normal life*

Illness in Nursing][9]			Patients with a mental disorder have the same rights as everybody*	FMH patients have the same rights as everybody*
			I feel afraid when caring for people with a mental disorder	I feel afraid when caring for FMH patients
			Patients with a mental disorder should be isolated from other patients	FMH patients should be isolated from other patients
			All patients with a mental disorder end up being readmitted	All FMH patients end up being readmitted
			All patients admitted to a mental health unit need to be physically restrained	All FMH patients admitted to a mental health unit need to be physically restrained
Mental Health Attitude Questionnaire (MHAQ)[10]	21	-		
Mental Health Provider Self-Assessment of Stigma Scale (MHPASS)[11]	20	1	Clients with serious mental illnesses have a hard time making good choices for themselves, so service providers need to help them	FMH patients have a hard time making good choices for themselves, so service providers need to help them
Mental Illness Attitudes Questionnaire [12]	30	7	Mental illness patients often threaten or harm the people around	FMH patients often threaten or harm the people around them
			Mental illness patients often lose their temper with no reason	FMH patients often lose their temper with no reason

			Mental illness patients often show unexpected impulsive behaviours	FMH patients often show unexpected impulsive behaviours
			Violence of mental illness patients is as much as that of others	Violence of FMH patients is as much as that of other patients with a mental illness
			Mental illness patients can contribute to society*	FMH patients can contribute to society*
			Mental illness patients violate social and moral rules as much as other people do	FMH patients violate social and moral rules as much as other people do
			Discharged mental illness patients should be allowed to return to society*	Discharged FMH patients should be allowed to return to society*
Mental Illness: Clinicians' Attitudes (MICA _{v4})[13, 14]	16	2	People with severe mental illness can never recover enough to have a good quality of life	FMH patients can never recover enough to have a good quality of life
			I feel as comfortable talking to a person with mental illness as I do talking to a person with physical illness	I feel as comfortable talking to a FMH patient as I do talking to a non-forensic patient with a mental illness
Opening Mind Stigma Scale for Health Care Practitioners (OMS-HC)[15]	20	5	Despite my professional beliefs, I have negative reactions towards people who have mental illness	Despite my professional beliefs, I have negative reactions towards FMH patients
			There is little I can do to help people with mental illness	There is little I can do to help FMH patients
			More than half of people with mental illness don't try hard enough to get better	More than half of FMH patients don't try hard enough to get better
			The best treatment for mental illness is medication	The best treatment for FMH patients is medication

			I struggle to feel compassion for a person with a mental illness	I struggle to feel compassion for a FMH patient
Opinions About Mental Illness (OMI)[16]	51	5	To become a patient in a mental hospital is to become a failure in life	To become a patient in FMHCare is to become a failure in life
			Although some mental patients seem all right, it is dangerous to forget for a moment that they are mentally ill	Although some FMH patients seem all right, it is dangerous to forget for a moment that they are mentally ill
			If our hospitals had enough well trained doctors, nurses, and aides, many of the patients would get well enough to live outside the hospital*	If our hospitals had enough well trained doctors, nurses, and aides, many of the FMH patients would get well enough to live outside the hospital*
			The best way to handle patients in mental hospitals is to keep them behind locked doors	The best way to handle FMH patients is to keep them behind locked doors
			There is little that can be done for patients in a mental hospital except to see that they are comfortable and well fed	There is little that can be done for FMH patients in CMHCare except to see that they are comfortable and well fed
Public Attitudes Towards Offenders with Mental Illness (PATOMI)[17]	28	7	As soon as an offender shows signs of mental disturbance, he should be hospitalised	As soon as a FMH patient shows signs of mental disturbance, he should be readmitted to FMHCare
			The best therapy for many offenders with mental illness is to be part of a normal community*	The best therapy for many FMH patients is to be part of a normal community*
			Offenders with a mental illness are far less of a danger than most people suppose*	FMH patients are far less of a danger than most people suppose*
			Less emphasis should be placed on protecting the public from FPPs*	Less emphasis should be placed on protecting the public from FMH patients*

			Increased spending on forensic mental health services is a waste of tax money	N/A
			Offenders with mental illness need the same kind of control and discipline as a young child	FMH patients need the same kind of control and discipline as a young child
			Offenders with mental illness should be encouraged to assume the responsibilities of normal life	FMH patients should be encouraged to assume the responsibilities of normal life
Prejudice towards People with Mental Illness (PPMI)[18]	28	6	I am not scared of people with mental illness*	I am not scared of FMH patients*
			People with mental illness should support themselves and not expect handouts	FMH patients should support themselves and not expect handouts
			People with mental illness do not deserve our sympathy	FMH patients do not deserve our sympathy
			The behaviour of people with mental illness is unpredictable	The behaviour of FMH patients is unpredictable
			In general, you cannot predict how people with mental illness will behave	In general, you cannot predict how FMH patients will behave
			I usually find people with mental illness to be consistent in their behaviour*	I usually find FMH patients to be consistent in their behaviour*
Recovery Knowledge Inventory (RKI)[19]	20	1	Not everyone is capable of actively participating in the recovery process	Not all FMH patients are capable of actively participating in the recovery process

b	FMH patients should be visited with more than one professional at the same time, for our own safety
	Higher doses of psychotropic drugs should be used in FMH patients than non-forensic patients
	FMH patients have a more violent personality than non-forensic patients with a mental illness
	FMH patients should not share therapeutic groups or therapeutic activities with non-forensic patients
	It is frightening to think of FMH patients living in the same facility as non-forensic patients

N/A – items were included without any modification; ^a selected items resulted in 15 modified items; * positively formulated items; ^b items created by the authors.

REFERENCES

1. Baker, J. A., Richards, D. A., & Campbell, M. (2005). *Nursing attitudes towards acute mental health care : development of a measurement tool*. 522–529.
2. Weller, L., & Grunes, S. (1988). Does contact with the mentally ill affect nurses; attitudes to mental illness? *British Journal of Medical Psychology*, 61(3), 277–284. <https://doi.org/10.1111/j.2044-8341.1988.tb02789.x>
3. Melvin, K. B., Gramling, L. K., & Gardner, W. M. (1985). A Scale to Measure Attitudes toward Prisoners. *Criminal Justice and Behavior*, 12(2), 241–253. <https://doi.org/10.1177/0093854885012002006>
4. Madianos, M., Economou, M., Peppou, L. E., Kallergis, G., Rogakou, E., & Alevizopoulos, G. (2012). Measuring public attitudes to severe mental illness in Greece: Development of a new scale. *European Journal of Psychiatry*, 26(1), 55–67. <https://doi.org/10.4321/S0213-61632012000100006>
5. Hirai, M., & Clum, G. A. (2000). Development, reliability, and validity of the beliefs toward mental illness scale. *Journal of Psychopathology and Behavioral Assessment*, 22(3), 221–236. <https://doi.org/10.1023/A:1007548432472>
6. Taylor SM, Dear MJ (1981) Scaling Community Attitudes Toward the Mentally Ill. *Schizophr Bull* 7:225–240
7. Church, W. T., Wakeman, E. E., Miller, S. L., Clements, C. B., & Sun, F. (2008). The community attitudes toward sex offenders scale: The development of a psychometric assessment instrument. *Research on Social Work Practice*, 18(3), 251–259. <https://doi.org/10.1177/1049731507310193>
8. Varas-Díaz, N., Santos-Figueroa, A., Polanco-Frontera, N., Cajigas-Vargas, I., Rivera-Díaz, M., Lugo-Candelas, C. I., Rosario-Hernández, E., & Rivera-Segarra, E. (2012). Desarrollo de una Escala para Medir el Estigma Relacionado a Problemas de Salud Mental en Puerto Rico. *Revista Puertorriqueña de Psicología*, 23.
9. Sastre-Rus, M., Tomás-Sábado, J., Juliá-Sanchis, R., Roldán-Merino, J. F., Puig-Llobet, M., & Lluch-Canut, M. T. (2020). Development and psychometric testing of a scale for assessing the associative stigma of mental illness in nursing. *Journal of Clinical Nursing*, 29(21–22), 4300–4312. <https://doi.org/10.1111/jocn.15467>
10. Chen, H., Wang, Z., & Phillips, M. R. (2017). *Assessing knowledge and attitudes about mental illness in Ningxia , China*. 0(0), 1–26. <https://doi.org/10.1177/1363461517748847>
11. Charles, J. L. K., & Bentley, K. J. (2017). Measuring Mental Health Provider-Based Stigma: Development and Initial Psychometric Testing of a Self-Assessment Instrument. *Community Mental Health Journal*, 0(0), 0. <https://doi.org/10.1007/s10597-017-0137-4>
12. Xu, D., Phillips, M., Xu, D., Shao, G., & Zeng, M. (2002). [Comparison of attitudes on mental illness among doctors and nurses of three psychiatric

- hospitals]. *Chinese Journal of Clinical Psychology*, 10, 52–53. <https://doi.org/10.3969/j.issn.1005-3611.2002.01.021>
13. Kassam A, Glozier N, Leese M, et al (2010) Development and responsiveness of a scale to measure clinicians' attitudes to people with mental illness (medical student version). *Acta Psychiatr Scand* 122:153–161. <https://doi.org/10.1111/j.1600-0447.2010.01562.x>
 14. Gabbidon J, Clement S, van Nieuwenhuizen A, et al (2013) Mental Illness: Clinicians' Attitudes (MICA) Scale-Psychometric properties of a version for healthcare students and professionals. *Psychiatry Res* 206:81–87. <https://doi.org/10.1016/j.psychres.2012.09.028>
 15. Kassam A, Papish A, Modgill G, Patten S (2012) The development and psychometric properties of a new scale to measure mental illness related stigma by health care providers: The opening minds scale for Health Care Providers (OMS-HC). *BMC Psychiatry* 12:1. <https://doi.org/10.1186/1471-244X-12-62>
 16. Cohen J, Struening EL (1962) Opinions about mental illness in the personnel of two large mental hospitals. *J Abnorm Soc Psychol* 64:349–360. <https://doi.org/10.1037/h0045526>
 17. Walkden, S. M., Rogerson, M., & Kola-Palmer, D. (2021). Public Attitudes Towards Offenders with Mental Illness Scale (PATOMI): Establishing a Valid Tool to Measure Public Perceptions. *Community Mental Health Journal*, 57(2), 349–356. <https://doi.org/10.1007/s10597-020-00653-0>
 18. Kenny, A., Bizumic, B., & Griffiths, K. M. (2018). The Prejudice towards People with Mental Illness (PPMI) scale: Structure and validity. *BMC Psychiatry*, 18(1), 1–13. <https://doi.org/10.1186/s12888-018-1871-z>
 19. Bedregal, L. E., Connell, M. O., & Davidson, L. (2003). The Recovery Knowledge Inventory: Assessment of Mental Health Staff Knowledge and Attitudes about Recovery. *Psychiatric Rehabilitation Journal Completed*, 30(2), 96–103.