Obstetrics and Gynaecological Distress Measurement Scale: An Identification Tool

Aditi Kulkarni[1], Tanvi Kothiwale[2], and Elisa Moras[2]

[1]Yuvana Wellness
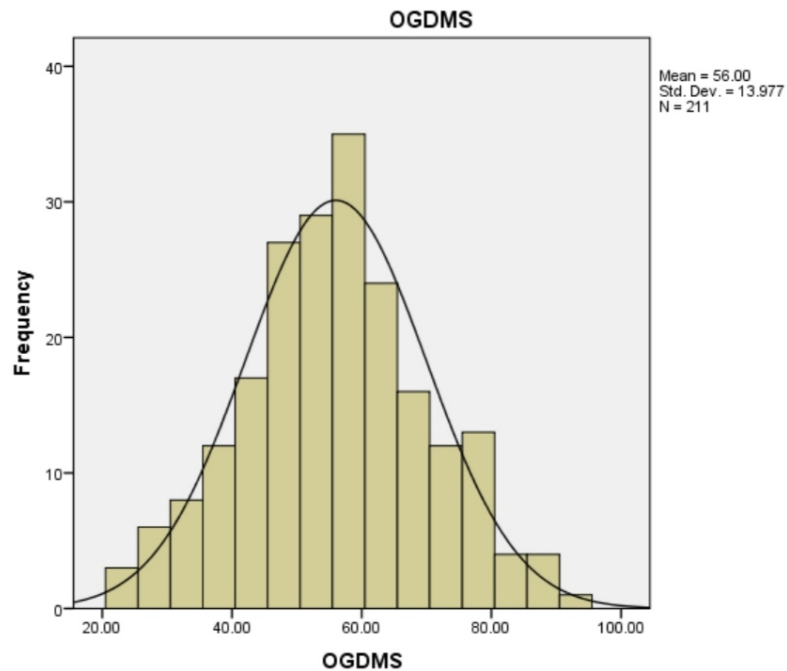[2]Yuvana Wellness- Psychotherapy, Psychometrics and Training

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Abstract

Objective: To develop and validate a cohesive measure that can guide the doctor, psychologist and patient in identifying potential psychological problems that gynaecology and obstetrics patients suffer. Design: Top-down survey Setting: The study was conducted on gynaecology and obstetrics patients treating various gynaecological concerns at a local maternity hospital. Sample: OGDMS sample consisted of 211 gynaecology and obstetrics patients between 18 and 60 years old. Method: Top-down survey followed by an interview. Main outcome measures: OGDMS for use as an identification tool paired with psychotherapy to understand psychological distress in women. Results: The OGDMS was found to have good internal consistency and good criterion validity. Conclusion: The OGDMS proved beneficial in identifying underlying mental health concerns in women with gynaecological problems and serves as a preliminary intervention in providing proper mental health care to this population. Keywords: Obstetrics, gynaecology, distress, tool, psychology.

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OGDMS

Mean = 56.00
Std. Dev. = 13.977
N = 211

Descriptive statistics

		OGDMS	Psychological	Physiological	Environmental
N	Valid	211	211	211	211
	Missing	0	0	0	0
Mean		56.0047	22.8720	19.5024	13.6161
Median		56.0000	23.0000	19.0000	14.0000
Mode		52.00ª	24.00ª	18.00	12.00ª
Std. Deviation		13.97668	5.85847	5.75481	3.66834
Variance		195.348	34.322	33.118	13.457
Skewness		.063	.169	.133	-.024
Std. Error of Skewness		.167	.167	.167	.167
Kurtosis		-.166	.136	-.438	-.346
Std. Error of Kurtosis		.333	.333	.333	.333
Range		72.00	32.00	27.00	18.00
Minimum		23.00	8.00	7.00	5.00
Maximum		95.00	40.00	34.00	23.00
Percentiles	25	47.0000	19.0000	16.0000	11.0000
	50	56.0000	23.0000	19.0000	14.0000
	75	65.0000	26.0000	24.0000	16.0000

a. Multiple modes exist. The smallest value is shown

Table 2

Validity

		OGDMS	MoodFeeling questionnaire
OGDMS	Pearson Correlation	1	.672[**]
	Sig. (2-tailed)		.000
	N	211	211
MoodFeelingQuestionnaire	Pearson Correlation	.672[**]	1
	Sig. (2-tailed)	.000	
	N	211	211

[**]. Correlation is significant at the 0.01 level (2-tailed).

Table 3

Reliability

Cronbach's Alpha	Part 1	Value	.809
		N of Items	10[a]
	Part 2	Value	.862
		N of Items	10[b]
	Total N of Items		20
Correlation Between Forms			.771
Spearman-Brown Coefficient	Equal Length		.871
	Unequal Length		.871
Guttman Split-Half Coefficient			.867

a. The items are: VAR00001, VAR00002, VAR00003, VAR00004, VAR00005, VAR00006, VAR00007, VAR00008, VAR00009, VAR00010.
b. The items are: VAR00011, VAR00012, VAR00013, VAR00014, VAR00015, VAR00016, VAR00017, VAR00018, VAR00019, VAR00020.