



Effects on the Marital Qualities, Psychology and Quality of Life Among Married Women with Functional Dyspepsia, Irritable Bowel Syndrome and Overlap of Both Disorders

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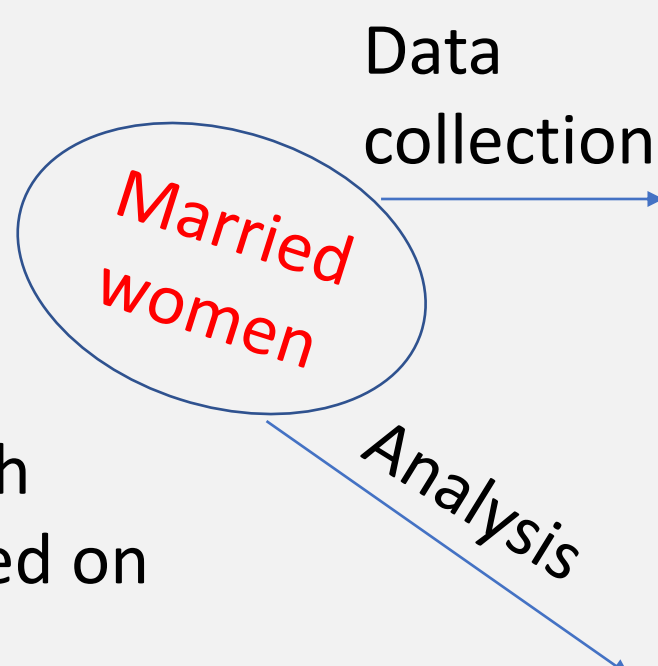
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Introduction: Functional gastrointestinal disorders (FGIDs) including functional dyspepsia (FD) and irritable bowel syndrome (IBS) are associated with worse psychology outcomes, quality of life (QOL), and possibly marriage relationships too. Our study was aimed to determine if poor marital quality may affect well-being and QOL of FGIDs among women.

Methods:

Cross sectional study involving married Malay women, 18 y/o and above with FGIDs diagnosed based on the Rome IV



Revised Dyadic Adjustment Scale (RDAS), Relationship Dynamic Scale (RDS), Hospital Anxiety Depression Scale (HADS), Coping Strategies Scale (CSS), Multidimensional Pain Inventory (MPI) and EQ-5D-5L

Multinomial Logistic Regression

Results:

Subjects:

Screened = 1130
Analysis = 514
Response rate = 45.4%
Prevalence of overlap FD-IBS = 36.6%, FD = 34.0%, and IBS = 29.4%.

Mainly for IBS vs FD:

-5 times better Values
but 90% less Affection
-40% more conflict
-1.4 times more to have catastrophizing and negative response
-less 10% depression and quality of life
-worse mobility & pain

Variables	IBS (vs. FD)		IBS (vs. OV)	
	AdjOR (95%CI)	P-value	AdjOR (95%CI)	P-value
Values	4.9(2.8,8.8)	<0.001*	1.0 (0.7,1.5)	0.90
Affection	0.1(0.03,0.5)	0.005*	0.7 (0.5,0.9)	0.04*
Conflict	0.6 (0.5,0.8)	0.002*	1.0 (0.9,1.1)	0.60
Catastrophizing	1.4 (1.2,1.7)	<0.001*	1.1 (1.04,1.1)	0.05*
Negative response	1.4 (1.2,1.5)	<0.001*	1.0 (0.9,1.1)	0.40
Depression	0.9 (0.7,0.9)	0.007*	1.0 (0.9,1.1)	0.80
EQVAS	0.9 (0.89,0.97)	0.01*	1.0 (0.97,1.04)	0.50
Mobility	5.7 (13.8,24.5)	<0.001*	2.1 (1.2,3.8)	0.01*
Pain	4.7 (1.1,8.9)	0.04*	0.6 (0.3,0.9)	0.04*

Conclusion:

Different domains of marital relations were affected differently in IBS, FD and or overlap disorder in married Malay women. Affected individuals have worst catastrophizing, more negative responses and worse QOL.

References: Cano A. Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration. 2004;110(3):656-664. doi:10.1016/j.pain.2004.05.004 .

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