

Impact of Adenomyosis on the Patient's Quality of Life in a Tertiary Hospital

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Introduction: Adenomyosis is a condition affecting the uterus, characterized by endometrial invasion of the uterine myometrium. It is a benign pathology with often severe symptoms that causes a significantly negative impact on the quality of life (QOL) of women in the reproductive age.

Conclusion: The negative impact of adenomyosis on women's quality of life caused by bleeding and cyclic pain requires a long-term holistic management. What was previously only a histopathologic diagnosis found incidentally in post-hysterectomy specimens has now become clinically significant condition, presenting with potentially debilitating symptoms.

Objective: To determine the QOL of patients with adenomyosis in a tertiary hospital in Davao City.

Keywords: abnormal uterine bleeding, adenomyosis, quality of life

Methodology: A cross sectional research design was employed and included 56 women with sonographic evidence of adenomyosis. The patients' demographic, clinical profiles, and QOL were determined using the Endometriosis Impact Questionnaire (EIQ), a 63-item, self-administered questionnaire.

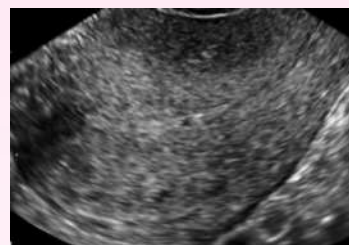
Results: The respondents were about 41.85 (± 7.53) years old and 87.5% (n=49) were parous. The mean age of diagnosis was 39.89 (± 7.49) years old, with mean age of onset of symptoms at 37.58 (± 8.92) years old. Only 1 respondent (1.79%) reported problems with fertility and majority had diffuse (94.64%, n=53), rather than focal type of (5.36%, n=3) adenomyosis. Heavy menstrual bleeding was the most common symptom at 76.79% (n=43) followed by period pain at 60.71% (n=34). Most respondents (69.64%, n=39) never visited the emergency room for consultation and the remaining 30.36% (n=17) visited only once or twice in the past. Hormonal medications (71.43%, n=40) and painkillers (69.64%, n=39) were the most commonly used treatment methods. Among all 56 respondents, it was noted that adenomyosis had a low impact in the QOL with an EIQ score of 23. Then again, the impact of adenomyosis became notably more pronounced for every time frame in all dimensions.

Table 1. Clinico-Demographic Characteristics of Patients with Adenomyosis (N=56)

Parameters	n (%)	Parameters	n (%)
Mean Age (years)	41.85 \pm 7.53	Adenomyosis-related symptoms	
16-24	2 (3.57%)	Period pain	34 (60.71%)
25-34	8 (14.29%)	Fatigue	28 (50%)
35 and older	46 (82.14%)	Bloating	28 (50%)
Marital Status		Pelvic pain not related to periods	8 (14.29%)
Single	21 (37.5%)	Ovulation / mid-cycle pain	22 (39.29%)
Married	33 (58.92%)	Pain during/after sex	16 (28.57%)
Separated / Divorced	1 (1.79%)	Heavy bleeding	43 (76.79%)
Widowed	1 (1.79%)	Irregular bleeding	12 (17%)
Educational Level		Delayed fertility	2 (3.57%)
Grade School graduate	2 (3.57%)	Others	1 (1.79%)
High School graduate	19 (33.93%)	Type of Adenomyosis	
College level	24 (42.85%)	Diffuse	54 (96.43%)
College graduate	10 (17.86%)	Focal	2 (3.57%)
Vocational	1 (1.79%)	Adenomyosis treatments	
Employment		Pain killers	39 (69.64%)
Not employed	37 (66.07%)	Surgical treatments	4 (7.14%)
Part-time	4 (7.14%)	Hormonal medications	40 (71.43%)
Full-time	15 (26.79%)	Complementary treatments	25 (44.64%)
Pregnancy history		Hormonal IUD	1 (1.79%)
Never pregnant	7 (12.5%)	Psychologist	0 (0%)
Miscarriage or stillbirth	2 (3.57%)	Nutritionist	0 (0%)
One or more children	47 (83.93%)	Other	1 (1.79%)
Primary infertility	1 (1.79%)	Times presented to emergency department due to adenomyosis	
Age at onset of symptoms (years)	37.58\pm8.92	Never	39 (69.64%)
Age at diagnosis (years)	39.89\pm7.49	1-2	17 (30.36%)
		3-4	0 (0%)
		5-10	0 (0%)
		More than 10	0 (0%)
		Hysterectomy due to Adenomyosis	4 (7.14%)

Table 2. Impact of Adenomyosis on the QOL of the Respondents (N=56)

Dimension	EQ Score	EQ Score	EQ Score
	Last 12 Months	1-5 Years Ago	More than 5 years
Physical and Psychosocial	43	36	19
Sexual and Intimacy	16	16	9
Fertility	7	7	6
Employment	37	33	14
Education	0	0	0
Lifestyle	1	1	0
Total Score	31	27	17
	<i>Low Impact</i>	<i>Low Impact</i>	<i>Low Impact</i>
	OVERALL EQ SCORE		
	23		



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