

# ADENOMYOSIS AND OVERLAPPING DISEASES: WHAT WE KNOW

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## INTRODUCTION

Women with symptomatic adenomyosis can present with uterine enlargement, abnormal uterine bleeding (AUB), and painful menses. This condition frequently coexists with other gynecological diseases, such as endometriosis and uterine fibroids, making it difficult to determine whether adenomyosis has unique risk factors or how it behaves and should be treated.

## MATERIALS AND METHODS

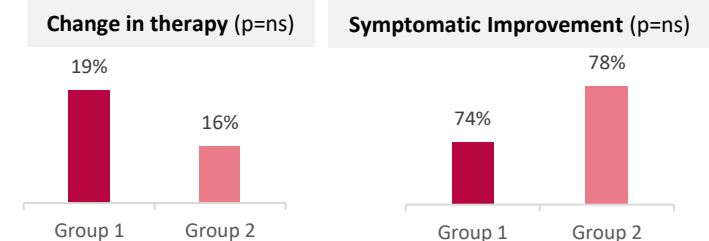
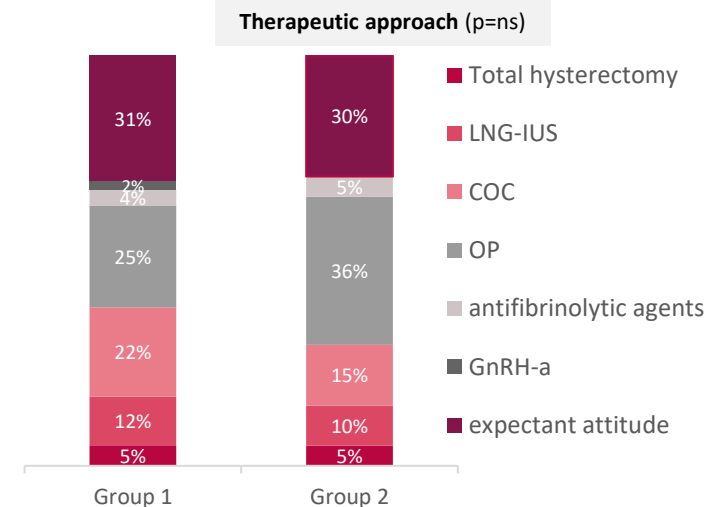
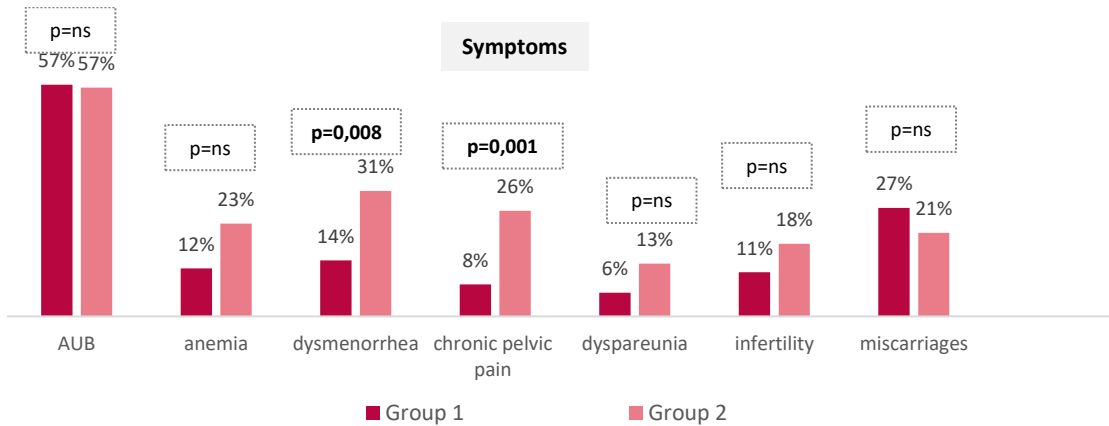
A retrospective study was carried out from January 2018 to December 2020 in a Gynecology Service at a Tertiary Hospital, that included patients who met echographic criteria for the diagnosis of adenomyosis (n=162). They were divided into 2 groups: group 1- with an isolated diagnosis of adenomyosis vs group 2- with co-existence of adenomyosis and other uterine diseases. Statistical analysis was performed using SPSSv27.0, with a significance level of p<0.05. The aim of this study was to determine whether there were differences between the two groups regarding age of diagnosis, risk factors, symptoms, infertility, miscarriages, and therapeutic approaches.

## RESULTS

Of the patients included in this study, **101** belonged to group 1 and **61** to group 2. Of these, 31.1% (n=19) had endometriosis and 78.7% (n=48) uterine fibroids.

	Group 1	Group 2	
Age of diagnosis	45.7±7.7years	46.2±6.3years	p=ns
Parity (parous)	85.1% (n=80)	72.4% (n=42)	p=ns

Considering groups 1 vs 2, 64.4% (n=65) vs 78.7% (n=48) had symptoms.



## DISCUSSION/CONCLUSIONS

Adenomyosis remains a challenging diagnosis, since age of diagnosis and risk factors such as parity do not seem to be different in the presence of other uterine diseases. High rates of concomitant gynecological diseases create challenges when discerning the etiology of symptoms, especially dysmenorrhea and pelvic pain. Nonetheless, the presence of other diseases did not seem to influence the therapeutic approach or the symptomatic improvement associated.