

Influence of adenomyosis on pregnancy and perinatal outcomes in patients with endometriosis

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OBJECTIVES:

Several studies investigated the correlation between endometriosis and adverse pregnancy and perinatal outcomes. However, the role of adenomyosis(AD) as a risk factor for adverse perinatal outcomes in women with endometriosis has yet to be established. The aim of this study was to explore if fetal and maternal outcomes, in particular the incidence of perinatal complications, are different in pregnant women with endometriosis (E) and the concomitant presence of adenomyosis.

METHODS:

This is a retrospective analysis of a database collected during a five-year period. We included 57 pregnant women with endometriosis; 41(71.8%) with only E, 9(18.4%) with only AD and 7 (9.7%) with ED+AD. The study included patients who conceived spontaneously or by assisted reproductive techniques.

RESULTS:

Patients with adenomyosis compared with those with only endometriosis had significantly higher incidence of threatened premature labor (56.2% vs 17.1%), Caesarean section (87.5% vs 41.5%), and total amount of bleeding at birth (1323±983ml vs 731±475ml). There was no difference in the incidence of preterm birth and small for gestational age (SGA).

CONCLUSIONS:

It is suggested that the incidence of perinatal complications increases when AD is complicated compared to only EM. Patient with adenomyosis should be treated as being at high risk pregnancy.

Keywords :

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References : , , ,

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