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TITLE

THE EFFICACY OF ULIPRISTAL TREATMENT OF UTERINE FIBROIDS

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ABSTRACT

Objective

To evaluate Ulipristal in treatment of uterine fibroids and its potential role in reduction of surgical treatment of patients with uterine myomas.

Methodology

In this prospective study 29 patients with uterine fibroides were included. The main indication for treatment was reduction of tumour volume, reduction of uterine bleeding, and preparation for IVF procedure. Total of 60 uterine fibroids were analyzed and the largest dimension, tumour volume and vascularisation of uterine fibroid was analyzed before and after treatment with 5 mg Ulipristal tablets for three months. Total uterine volume was also analyzed before and after medicamentous treatment. Statistical analysis with analysis of variance was performed in order to compare parameters before and after treatment with Ulipristal.

Results

Mean patient's age in our study group was 42 ± 1 year. The total of 60 fibroids were analyzed in our study. Mean fibroid volume before treatment was $42,3 \pm 20$ ml. Mean uterine volume before treatment was $259,3 \pm 53,7$ ml. Reduction of fibroid volume and also of uterine volume was achieved in 24 patients. In 5 patients, after initial treatment with 5mg Ulipristal for 3 months, reduction of fibroid and uterine volume was not observed. Reduction of uterine bleeding was present in all patients during therapy and also after finished therapy.

Conclusion

Ulipristal medicamentous therapy has good potential as first line treatment in patients with uterine fibroids, especially in older patients who should be included into IVF procedure, and also patients who need preoperative correction of anaemia and also reduction of tumour volume before operative treatment.

INSTITUTE

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