

## Ulipristal Acetate- A Selective Progesterone Receptor Modulator

Mohammed Shakeel Mohammed Bashir, Kishor A Bansod, Tanveer Khan

Dr. Kishore Ambadasrao Bansod, Associate Professor, Department of Pharmacology Dr. Panjabrao Deshmukh Memorial Medical College, Amravati M.S. [kishorbansod74@gmail.com](mailto:kishorbansod74@gmail.com)

### Abstract

**Background:** Unintended pregnancies occur due to unprotected sexual intercourse. To avoid such unplanned pregnancies emergency contraceptives are available. Ulipristal acetate is one such orally active drug which is a selective progesterone receptor modulator. Ulipristal acetate also have promising role in the management of uterine fibroids as it is found that uterine fibroids have progesterone receptors and progesterone activity is responsible for their growth. In this review Ulipristal acetate is reviewed for its action on uterine fibroids and as emergency contraceptive. **Methods:** Medline database was searched using the keywords like Ulipristal acetate, emergency contraceptives, oral contraceptives, uterine fibroids, menorrhagia to find out the articles related with Ulipristal acetate. **Results:** The literature indicates that Ulipristal acetate is a good oral emergency contraceptive drug even after 120 hours of unprotected sexual intercourse. Depending upon the menstrual cycle it inhibits ovulation, delays release of ovum, affects ciliar beat frequency and affect endometrial receptivity. It does not have effect on established pregnancy. Ulipristal acetate reduces the uterine fibroid size and also effectively control heavy menstrual bleeding. It does not produce endometrial hyperplasia or any neoplastic changes. **Conclusion:** Ulipristal acetate is a good emergency contraceptive drug and also useful in the management of uterine fibroids. But still further studies are needed to establish its safety profile.