



PharmTech

## International Journal of PharmTech Research

CODEN (USA): IJPRIF, ISSN: 0974-4304, ISSN(Online): 2455-9563  
Vol.9, No.11, pp 246-251, 2016

# The Effects of Yasmin on the Histology and Histochemistry of Liver and Kidney in Rabbits

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**Abstract:** *Objective:* The combination birth control pill of ethinyl estradiol with drospirenone (YASMIN) is an effective contraceptive which used by a very large number of women worldwide, and this study was designed to investigate the probable histological and histochemical changes of the liver and kidney accompanied with the treatment by yasmin. *Methods:* 12 females adult rabbits were used in this experiment (6 treated animals and 6 as control group). The treatment by the yasmin contraceptive pills based on the same way as used for women, regarding the body mass index for dosage, then frozen and ordinary tissue sectioning were performed. *Results:* Histological and histochemical (for alkaline phosphatase – ALP- activity) study of both liver and kidney was normal. *Conclusion:* Yasmin is safe with regard to the histology of the liver and kidney, and the activity of ALP in these tissues.  
**Keywords:** Yasmin, Histology and Histochemistry, Liver and Kidney, Rabbits.

Fakhir M. Alzubaidy *et al*/International Journal of PharmTech Research, 2016,9(11): 246-251.

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