

STUDIES ON EFFECT OF CONTROL DRUGS ON HISTOLOGY OF THYROID GLAND

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ABSTRACT

The natural source of opium is a poppy plant, Papaver somniferum. This poppy has its origin in Asia Minor but is now grown in countries with similar climates throughout world. Opium is a narcotic drug that is used as drug to getrid from mental anxieties and to kill the pain but an active ingredient of it addicts the person. This study attempts to evaluate the health status of the albino rat on the basis of effect of opium on the histology of thyroid gland. Rats were really feed with opium of constant dose i.e. 1.38/ kg body weight for 5, 10 and 15 days. At the end of exposure period the rat of experimental group thyroid shows abnormalities of follicles and loss of connecting tissue.

KEYWORDS: *Opium, Albino Rat, Thyroid Gland, Follicles*

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