

论文

中国乌头及附子对垂体-肾上腺皮质系统作用的研究

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摘要:

中国乌头及熟附片有降低大鼠肾上腺内抗坏血酸含量的作用。渥饬貌槐毘穀捅彻啄萍奥缺核瓚?但能被考的松部分阻断。作用的有效成分系生物碱。乌头碱亦同样有降低作用。熟附片煎剂能增加大鼠尿中17-酮类固醇的排泄,减少大鼠末梢血液中嗜酸性白血球数,大剂量并能抑制大鼠蛋清性足肿。

关键词:

The Effect of Aconitum Chinense and Fu-Tze on Hypophyseal-adrenal System

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Abstract:

The ascorbic acid content of the adrenal of rat depleted significantly by various routes of administration of decoct of Fu-Tze (附子) (daughter root of aconitum chinense). It remains effective as the administration continued for four succeeding days. This effect can be blocked partially by cortison but not by pentobarbital and chlorpromazine. The active principles to this effect are probably the alkaloids contained, while the pure alkaloid—aconitine—has similar and even more significant effect. In intact rat, urine secretion of 17-ketosteroids was increased and eosinophil count of periphered blood was reduced by this drug. It also depresses the development of anaphylactoid foot edema of rat in large dose.

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