

论文

敌枯双不同给药时间对妊娠Wistar大白鼠的致畸效应

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摘要:

本文主要讨论了化学药物不同给药时间的致畸效应。根据我们的实验,初步认为:对妊娠大鼠一次给药,以妊娠的第9、10或11天为宜,连续给药以9~12天为宜;如果必需进行整个妊娠期给药,可考虑在妊娠的6~15天连续给药。

关键词: 敌枯双 致畸效应

EFFECT OF TIME OF ADMINISTRATION OF Bis-A-TDA ON ITS TERATOGENIC ACTIONS IN PREGNANT WISTAR RATS

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Abstract:

This experiment was conducted with virgin wistar female rats. The body weight of the female rats was 195~339 g, that of the males was 285~373 g. The males and females were allowed to mate over-night at a ratio of 3:1. Then the pregnant rats were divided into groups (see table 1 and 2). Bis-A-TDA was given orally on various days. The rats were killed on day-20 of gestation so as to count the number of corpora lutea, implantation sites and live fetuses. The living fetuses were removed, weighed, inspected for gross abnormalities and sexes; the internal and skeletal malformations of live fetuses were examined by Wilson's method. The following results were obtained: 1. If one dose is given, the most suitable time is to give the drug on the 9th, 10th or 11th day of gestation; 2. Continued treatment is appropriate from the 9th to the 12th day of gestation; 3. The drug may be given for 6~15 days if necessary during whole period of gestation.

Keywords: Teratogenic action Bis-A-TDA

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