

## [Experimental study on effect of erzhi tiangui recipe on quality of oocyte in mice].

[Article in Chinese]

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### **Abstract**

#### **OBJECTIVE:**

To observe the effect of Erzhi Tiangui recipe (ETR) on quality of oocyte in the process of external fertilization and embryo-transplantation.

#### **METHODS:**

Eighty mice were randomly divided into 4 groups, Group A treated with ETR plus human menopausal gonadotropin (HMG), Group B with ETR, Group C with HMG and Group D with normal saline. Ovulation test and cleavage test were conducted to observe the effect of treatment on quality of oocytes.

#### **RESULTS:**

The difference on ovulation number between Group A and C was insignificant, but the difference in comparison between the two groups was significant in aspects of oocyte morphological scoring, fertilization rate and cleavage rate ( $P < 0.05$ ).

#### **CONCLUSION:**

ETR could play its effect synergistically with Western medicine, and raise the quality of oocytes.

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