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Fertility effect of *Cycas circinalis* L. extract on male Wistar rats

Krithika M, Vijaya Kumar and Sankaran

Saveetha Medical College and Hospital, India

Infertility is a major public health concern. In Siddha System of Medicine many herbs were used for treating male sexual disorders. The use of herbs remarkable increased over the past few years and researcher now focuses on herbs. The present study was taken to analyze the fertility effect of an herb *Cycas circinalis* on male albino rats. A total of 18 healthy adult male albino rats were taken and divided into 3 groups with 6 rats in each group. One group of animal was administered orally *Cycas circinalis* extract (200 mg/kg bodyweight) and compared to the normal control and positive control albino rats given testosterone 10 µg/kg body weight subcutaneously. Various parameters were compared among the groups and the drug's efficacy was analyzed. The administration of the drug showed significant positive results in positive control followed by experimental group. Since the synthetic hormonal preparation have grave side effects it is better to go with herbal aphrodisiacs for better results without any side effects.

Biography

Krithika M is currently pursuing her MBBS from Saveetha Medical College, SIMATS. Her area of research is in the field of experimental pharmacology, under the mentorship of Dr. Sankaran P, Department of Anatomy, SIMATS in India.

kriticsemr@yahoo.com

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