

# **Effect of frozen meat in the hormonal imbalance in male in the Diwaniyah city**

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## **Summary :-**

This study aims and taking place for the first time in Iraq to study the frozen food imported effect (chicken) on the imbalance in the concentrations of hormones in the leadsmale1 to the tyranny of the feminine qualities of the male and this phenomenon has increased significantly in recent years in Iraq and the Arab world, but unfortunately did not have any research or a local or Arab studies to clarify the causes of this phenomenon, and the study of the difference between domestic and imported chicken from where the remains of hormones in the aqueous extract and alcohol for them.

It has been collecting blood samples for ten male donors students of junior high school age (16-18) after what has been Mlehm required forms, which include several things to make sure there are no hormonal imbalance is diet, by drawing blood from a vein measure each of testosterone the hormone progesterone. and stimulating follicles and LH, and prolactin measured by the ViDas device in Diwaniyah Laboratory .

Where they found the results very clear increase in the concentration of the hormone prolactin, where the average values (24.51) and natural value (14 - 1.0), and the remaining percentages of normal almost with slight variations and are as follows: The average testosterone values (5.11) Natural Value (3 -10.6) hormone progesterone (0355) and natural values.

(0.56 to 0.25), the average values of the hormone stimulating follicles (2.5) and natural values were (1.7\_12) and the average of the values of LH (3.45) and natural values (1.1 – 7) )

Results obtained from this study show a rise in the hormone prolactin in males values and this is not normal and leads to severe impact damage, including infertility and the emergence of female traits such as large chest size and lack of hair .... etc .

We chose males age (16-18) due to the fact that male hormones be at the height of their values while the study showed values even though they were within the normal range but not commensurate with age.

The reason for this imbalance is due to the poultry feed to forbidden purpose of fattening foods while they cause damage to the human body.

**Key Words: frozen meat ,hormones imbalance , hyperprolactinemia.**

## **Introduction**

Provided meat is President of food for man to contain important components such as proteins, carbohydrates, fats and minerals that the body needs to perform daily acts and metabolic processes (1).

Poultry meat is one of the main sources of animal protein of higher quality because it is rich in amino acids, especially the amino acid valine and Alazuleucine and leucine and lysine, reaching acids ratio