Hypothesis: Exogenous Estrogen Content in Some Types of COVID.19 Vaccines and its Fatal Complications to Renal Patients

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Abstract: Many people fear from COVID.19 vaccines, due to rapid production of it, that made them doubt about the value of its clinical trials. Individuals with chronic diseases, particularly renal patients, whom are not able to excrete exogenous estradiol in level, and high level of estradiol may activate coagulation system presence of high level of proinflammatory cytokines interleukin-6, which cause tissue injury, activation of thrombin and aggregation of platelets, and presence of factor XI in some types of COVID.19 Vaccine may lead to great risk of thrombosis, that may lead to deadly complications, certainly among women.

Keywords: Exogenous estrogen, COVID.19 vaccine, renal diseases.
The most common etiology is nephrotic syndrome as it results in a hypercoagulable state, may occur due to Pregnancy or estrogen therapy [2].

High levels of Estradiol in those people lead to increase of interleukin-6, tissue injury, stimulation of thrombin, aggregation of platelets and formation of colt, and increase the risk of thromboembolism among them. Hypothesis suggested that; exogenous estrogen (Estradiol) content [3] and Presence of inactivated factor XI in some type of COV-2 Vaccines [4], may lead to fatal complications.

Synthesis of COVID.19 vaccines within short time, increase the doubt of many people about the clinical trials of it, long-term consequences of this type of vaccine is not known, furthermore the constituents of vaccines are not well-known to the healthcare workers and their customers.

CONCLUSION

Content of some types of vaccines, which induce hypercoagulability, such as exogenous estrogen and Factor XI, and failure to remove it by hemodialysis , may lead to severe complication even death. More precautions required when health care professional deal with those group of people, with more concern on women, during COVID.19 vaccination programs.

REFERENCE
