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## Breast Cancer as a Possible Complication of Some Types of Covid.19 Vaccines

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### Abstract

Quick development of COVID.19 vaccines, trigger a big question about validity of clinical trials conducted on it. We observed several short-term consequences of this artificial method of immunization, but no one knows the long-term outcomes of it, I regarded that exogenous estrogen constituent of it as probable cause of breast cancer, specifically among older women.

**Keywords:** breast cancer, long-term consequences of COVID.19 vaccines, Estradiol

### Hypothesis

Some types of COVID.19 contain exogenous estrogen may lead to stimulation of proinflammatory cytokines, specifically interleukin-6, tissue injury, aggregation of platelets and activation of thrombin and coagulation cascade, with the presence of inactivated factor XI, in some kinds of COVID [1]. 19 artificial immunization method, increase the jeopardy of thromboembolism (TE), further more presence these hormone increase the risk of development of breast cancer and enhance the invasiveness of it in patients of this type of cancer.

Michael P.Osborne et al said that; Upregulation of Estradiol C16 $\alpha$ -hydroxylation in Human Breast Tissue: a Possible Biomarker of Breast Cancer Risk [2]. Jane E. Cauley et al said that; Estradiol levels may play important roles in development of breast cancer in older women [3].

### Conclusion

Unfortunately insufficient clinical trials of coronavirus vaccines lead to exposure of a number of people to severe complications

and they may lose their life unless professional medical intervention exist.

Development of breast cancer is a one of the long-term influence of certain types of COVID.19 Vaccines as a result of its estradiol inside it.

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