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## False pregnancy in bitch

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### Abstract

False pregnancy is the most frequent term used to describe this clinical condition in bitches and simply refers to the prolonged luteal phase of non-fertile induced ovulatory cycles. Moreover, in the bitches, the signs of clinical false pregnancy are comparable not so much to those of pregnancy but to those of the peripartum and postpartum periods and lactation. False pregnancy is easy to diagnose and easy to treat using dopamine agonists. Although some of the agonists have side effects. The patho-physiology of the condition is not fully understood but a central etiologic role for prolactin is widely accepted. A short luteal phase with an abrupt decline in progesterone, which would be expected to stimulate prolactin release, has been proposed as the cause of false pregnancy.

Keywords: False pregnancy, Bitch, estrogen, progesterone, sex steroid, patho-physiology.