

**ALGOR MORTIS PATTERN DUE TO WARFARIN INTOXICATION AS
A POST MORTEM INTERVAL DETERMINATION IN RABBIT
(*Oryctolagus cuniculus*)**

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ABSTRACT

Determination of post mortem interval (PMI) in animals under warfarin intoxication has not been widely studied. Post mortem interval (PMI) is important to determine the time of death. The time of death of the victim can be estimated by observation, recording, and good interpretation especially of post-mortal temperature changes (*algor mortis*) The aim of this study was to determine the correlation of decreased post-mortem temperature (*algor mortis*) to the time of death in rabbits (*Oryctolagus cuniculus*) due to warfarin intoxication. Observations were made by measuring rectal temperature every 1 hour for 24 hours. Based on this research, regression analysis of the treatment group shows a relationship between rectal temperature and time of death in the first 6 hours with $R = 0.92$, $R^2 = 0.85$ with the regression equation $Y = 17.2 - 0.43X$. (Y) Post Mortem Interval, (X) Rectal temperature ($^{\circ}C$). It can be concluded that there is a correlation between the decrease in post-mortem body temperature (*algor mortis*) to the time of death in rabbits (*Oryctolagus cuniculus*) due to warfarin intoxication.

Keywords : *Algor Mortis, Post Mortem Interval, Warfarin, Intoxication.*