

**PEMBERIAN EKSTRAK MENIRAN (*Phyllanthus niruri*
Linn) TERHADAP PATOLOGI ANATOMI
OVIDUK AYAM PETELUR YANG
DIINFEKSI *Escherichia coli***

Oktavia Rofidhotul Istiqomah

ABSTRACT

The purpose of this research aimed to prove the effect of meniran extract (*Phyllanthus niruri* Linn) on layer hen infected with *Escherichia coli* to reduce hemorrhage on oviduct pathological anatomy view. This research used 20 samples of layer hen. The treatment in this research was P0+ (infected with *Escherichia coli* and did not treated with meniran (*Phyllanthus niruri* Linn)), P1 (infected with *Escherichia coli* and treated with 10% meniran extract(*Phyllanthus niruri* Linn)), P2 (infected with *Escherichia coli* and treated with 20% meniranextract (*Phyllanthus niruri* Linn)), P3 (infected with *Escherichia coli* and treated with 30% meniranextract (*Phyllanthus niruri* Linn). The data of this study analyzed by Chi-Square. The result of this research can be concluded that 20% concentration of meniran extract (*Phyllanthus niruri* Linn) was effective to eliminate *Escherichia coli*, 20% concentration of meniran extract (*Phyllanthus niruri* Linn) able to promote antibacterial activity, and 30% concentration of meniran extract shown antibacterial rate on high potential so it can be used to reduce hemorrhage as the result of *Escherichia coli* infection.

Keyword:Meniran Extract, *Phyllanthus niruri* Linn, *Escherichia coli*, Oviduct, Hemorrhage