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## **Efek Pemberian Getah Tunas Pisang Raja terhadap Proses Percepatan Penyembuhan Luka Insisi pada Hewan Coba Mencit (*Mus musculus*) Strain Balb/ c**

**Abstrak :**

*<p>ABSTRACT THE EFFECT OF USING PISANG RAJA BUD SAP IN ACCELERATING WOUND INCISION HEALING PROCESS AT MOUSE (MUS MUSCULUS) STRAIN BALB/C A True Experiment Research in the Centre of Veterinary Farma (PUSVETMA) Surabaya By. : Erwin Bagus Hadi Sasongko Wound which take place in skin often make changes in normal structure like hypertropic scar and keloid. Banana sap was known as a wound healing agent in partially community, but there isn't scientific research about this. This research tries to investigate the effect of using pisang raja bud sap in accelerating wound incision healing process. True experiment design was used in this research. There were 18 mice as samples. They were taken according to inclusion criterias and divided into two groups using simple random sampling. Observation result was tabulated and analyzed using non-parametric statistical test, Chi Square. Result of this research shows that there was meaningful difference in third and sixth days inflammation and proliferation phases. Squeezing, edema, plasma of incision showed significant value  $<math>p < 0,05</math> in third day, but in sixth day no meaningful difference. Granulation showed difference in the third day by significant value  $p < 0,05</math>, but in sixth day no difference found. Incision edge unification and establishment of skin structures showed same result in third day, but difference in sixth day ( $p < 0,05</math>). Then, it could be concluded that pisang raja bud sap usage was proven to be more effective in accelerating incision healing process and reduce any infection risks. Further research there is need to be conducted by time series observation so we can know when inflammation and proliferation indicators ended. A microscopically observation is necessary observed to obtain more accurate result.</p>$$$*