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File name: Terhadap_Luka_Potong_Pada_Mencit_Jantan_Galur_Swiss-We...
File size: 148.82K
Page count: 11
Word count: 3,211
Character count: 19,992
Submission date: 18-Apr-2023 10:19AM (UTC+0700)
Submission ID: 2067943086

Jp- JURNAL PHARMACOPOREA
ISSN 2809-4573

VOL. 1 (2), 2022: 95 -105

UJI EFEKTIFIVITAS EKSTRAK ETANOL DAUN RAMBUTAN (*Nephelium lappaceum*) SEBAGAI HEMOSTASIS TERHADAP LUKA POTONG PADA MENCIT JANTAN GALUR SWISS-WEBSTER

Tria Septiani Putri¹⁾, Heti Rais Khasanah¹⁾, Dira Irnamera¹⁾, Jon Farizal²⁾, Nadia Pudiarifanti¹⁾

¹⁾Program Studi DIII Farmasi, Poltekkes Kemenkes Bengkulu
²⁾Program Studi DIII Teknik Laboratorium Medik, Poltekkes Kemenkes Bengkulu
e-mail: triaseptianiputri18@gmail.com

Submitted: September 1, 2022; Accepted: October 23, 2022

ABSTRACT

One of the plants that can be used as traditional medicine is Rambutan Leaf (*Nephelium lappaceum*). The results of phytochemical examination of secondary metabolites in rambutan have compounds in the form of alkaloids, flavonoids, tannins and saponins, where flavonoids and tannins are the main compounds that play a role in stopping bleeding. This study aimed to determine the effectiveness of the Ethanol Extract of Rambutan Leaves (*Nephelium lappaceum*). This type of research is a laboratory experiment with a research design that is Posttest Only Control Group Design. The test results showed a significant difference in the effect of rambutan leaf extract. In this case, rambutan leaf extract has the most effective effect as hemostatic and significantly different by presenting povidone iodine as a comparison. Rambutan leaf extract with concentrations of 10%, 20%, and 40% can provide hemostatic effects in mice. The administration of rambutan leaf extract with a concentration of 40% gave an effective hemostatic effect with a shorter bleeding time of 2,1040 minutes, but the effect was not optimal with the administration of povidone iodine as a comparison.

Keywords: Rambutan leaf extract, Hemostasis, Mice

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