

Effect of Mango Kasturi (*Mangifera casturi*) Bark Extract on the Number of Neutrophils, Monocytes, and Density of Hard Callus After Tooth Extraction of Wistar Rats (*Rattus novergicus*)

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ABSTRACT

Oral and dental health is an integral part of body health that must be maintained. One of the teeth and mouth diseases that most Indonesians suffer from is dental caries and its treatment is tooth extraction. Post-extraction wounds will normally heal on their own, taking 3-4 weeks from the inflammatory phase to the formation of new tissue. Wound healing itself is a complex process because of the bio-cellular activities (neutrophils, monocytes) and biochemistry that occur continuously. Kasturi (*Mangifera casturi*) is a typical South Kalimantan fruit that contains flavonoids, terpenoids, steroids, and saponins which have antioxidant activity and are potential for the treatment of various diseases including diseases related to inflammation. In this journal review, the authors will identify the effect of the stem bark extract of musk mango (*Mangifera*

casturi) on the number of neutrophils, monocytes, and hard callus density after tooth extraction of Wistar rats (*Rattus norvegicus*) using various literature reviews.

Keywords: teeth, hard callus, castor, monocytes, neutrophils, extraction, rats