

Efektivitas ekstrak Etanol terstandar kelopak bunga rosela 3.75% dan 7.5% terhadap ulser mukosa mulut tikus = Efficacy of standardized roselle calyces ethanol extract 3.75% and 7.5% towards rats oral mucous ulcer

Grestyasanti Wimasan, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20330590&lokasi=lokal>

Abstrak

Latar Belakang: Rosela dilaporkan sebagai agen antiradang.

Tujuan: menganalisis efektivitas ekstrak etanol terstandar kelopak rosela terhadap penyembuhan ulser mukosa mulut.

Metode: Dua belas tikus dibagi dalam kelompok kontrol dan perlakuan. Ekstrak 3.75% dan 7.5% dioleskan 2 kali sehari pada mukosa mulut. Pengamatan dilakukan selama 3 dan 7 hari. Kemerahan dan pembengkakan jaringan sekitar diamati secara visual. Diameter ulser diukur satu hari setelah dibuat dan sebelum dikorbankan. Spesimen dibuat, diamati secara mikroskopis, dan dilakukan skoring.

Hasil: Diameter ulser dan skor radang menurun. Kemerahan dan pembengkakan jaringan sekitar tidak terlihat lagi.

Simpulan: Ekstrak 7.5% efektif terhadap penyembuhan ulser mukosa mulut tikus.

<hr>Background: Roselle is reported as anti-inflammatory agent.

Objectives: To analyze standardized roselle calyces ethanol extract efficacy`s towards oral mucous ulcer.

Methods: Twelve rats were divided into 2 groups; control and experimental group. The 3.75% and 7.5% extract were applied topically twice a day in oral mucous. Animals were observed for 3 and 7 days. Redness and swelling were observed visually. Ulcer diameter was measured a day after creation and before sacrifice. Specimens were observed microscopically and scored.

Results: Ulcer diameter and inflammation score were decreased. No redness and swelling observed.

Conclusions: The 7.5% extract is effective for the ulcer.