

Penyembuhan ulser dengan pemaparan ekstrak etanol kelopak bunga rosella teridentifikasi 7.5% = Healing ulcers with application of standardized ethanol roselle flower petals 7.5%

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Abstrak

Rosella berkhasiat anti-inflamasi dan anti-bakteri.

Tujuan : Mengetahui kondisi makroskopis, mikroskopis ulser mukosa yang diaplikasikan ekstrak rosella.

Metode : Tiga puluh enam tikus sprague-dawley dibagi, Triamcinolone Acetonide 0.1% sebagai kontrol positif, saline 0.9% sebagai kontrol negatif, ekstrak rosella 7.5% sebagai kelompok perlakuan, selama 1, 3, 7, 14 hari.

Hasil : pada perlakuan 7 hari, selisih diameter awal dan akhir kelompok ekstrak rosella 7.5% lebih besar dibandingkan TA dan saline, skor radang ulser kelompok ekstrak rosella 7.5% lebih rendah dibandingkan TA dan saline.

Kesimpulan : Aplikasi ekstrak rosella 7.5% efektif mempercepat penyembuhan ulser pada perlakuan 7 hari.Roselle have anti-inflammatory, anti-bacteria effect.

Objectives : To determine macroscopic, microscopic condition of ulcers after application of roselle extract.

Methods : thirty six sprague-dawley rats were divided, TA 0.1% as positive control, saline 0.9% as negative control, roselle extract 7.5% as treatment group. healing was observed in the first, third, seventh, and fourteenth day.

Result : In 7 days, the diameter differences of ulcers applied with roselle extract 7.5% is bigger and inflammation score of ulcers is lower than TA and saline.

Conclusion : application of roselle extract 7.5% is effective in accelerating healing in 7 days.