

## Penyembuhan ulser dengan pemaparan ekstrak etanol kelopak bunga rosella teridentifikasi 3.75% = Ulcer healing by application of identified ethanol extract of roselle calyx 3.75%

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### Abstrak

Ulser sering ditemukan di mukosa mulut. Rosella dilaporkan dapat mempercepat penyembuhan ulser.

Tujuan: Menganalisis efektivitas ekstrak etanol kelopak bunga rosella teridentifikasi 3.75%.

Metode: sebanyak 36 ekor tikus dibagi 3 kelompok paparan saline, triamcinolone acetone, ekstrak rosella 3.75%. Tikus dikorbankan pada hari ke 2, 4, 8, dan 15. Spesimen difiksasi dan dilakukan skoring pada sediaan mikroskopik.

Hasil: Pemaparan saline menunjukkan skor radang 3; pemaparan triamcinolone acetone pada dua ekor tikus menunjukkan skor radang 1, satu ekor tikus menunjukkan skor radang 2; pemaparan ekstrak rosella 3.75% menunjukkan skor radang 2.

Kesimpulan: Pemaparan ekstrak rosella 3.75% kurang efektif menyembuhkan ulser mukosa mulut.

.....Ulcers are often found in oral mucosa. Roselle has been reported to accelerate wound healing.

Objectives: To analyze the effectiveness of identified ethanol extract of roselle calyx 3.75%.

Methods: A total of 36 rats were divided into 3 groups of application, saline, triamcinolone acetone, and roselle extract 3.75%. Rats were sacrificed on 2nd, 4th, 8th, and 15th days. Specimens were made and microscopic slide were scored.

Results: Saline application showed inflammation score 3. Triamcinolone acetone application showed inflammation score 1. Roselle extract application showed inflammation score 2.

Conclusion: Application of roselle extract 3.75% less effective to accelerate wound healing.