ABSTRAK
EFEK INFUSA DAUN KATUK (Sauropus androgynous Merr.)
TERHADAP PENINGKATAN KADAR HEMOGLOBIN
PADA TIKUS WISTAR BETINA

Andy Pratama Saputra, 2015
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Latar belakang Anemia merupakan masalah kesehatan yang paling sering dijumpai di dunia. Penyebab anemia yang paling sering adalah kurangnya jumlah zat besi yang di konsumsi. Daun katuk telah di kenal luas oleh masyarakat memiliki kandungan zat besi.

Tujuan penelitian Untuk menilai efek daun katuk terhadap kadar Hemoglobin dengan hewan coba tikus Wistar betina.

Metode penelitian Penelitian eksperimental dengan rancangan pre-post test design dengan dua puluh tujuh ekor tikus Wistar betina diberikan infusa daun katuk 10% dengan dosis 0,27 mg/2,5 ml setiap hari secara peroral dengan sonde oral selama 28 hari. Kadar hemoglobin diukur dengan metode sahli. Analisis data menggunakan uji Wilcoxon Signed Rank Test dengan kemaknaan ditentukan berdasarkan nilai p.

Hasil penelitian menunjukan adanya peningkatan kadar Hemoglobin pada tikus Winstar betina dengan semula rata-rata 10,96 g% menjadi rata-rata 13,01 g%. Pemberian daun katuk (Sauropus androgynous Merr) pada tikus Wistar betina dapat meningkatkan kadar Hb dengan hasil sangat bermakna (p=0,000)

Simpulan Daun katuk meningkatkan kadar Hemoglobin tikus Wistar betina.

Kata kunci : daun katuk, hemoglobin, anemia
ABSTRACT

THE EFFECT OF KATUK LEAVES INFUSION
(Sauropus androgynous Merr.) ON IMPROVEMENT HEMOGLOBIN
LEVEL IN FEMALE RATS WISTAR

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Background Anemia is a health problem that is most often found in the world. The most frequent cause of anemia is the lack of iron in the consumption. Katuk leaves has been recognized by the community have also contains iron.

Aim This study aims to determinethe effects of katuk leaves infusion on the improvement of hemoglobin level in female rats wistar.

Method of the study was quasi experimental with pre and post test design Twenty seven female rats Wistar were given 10% katuk leaves infusion at a dose of 0.27 mg / 2.5 ml each day orally for 28 days. Hemoglobin levels were measured by the Sahli method. Data analysis using the Wilcoxon Signed Rank test with significance determined based on the value of p.

Result of the analysis indicated that improvement on the average of Hemoglobin level female rats Wistar before 10.96 g% become 13.01 g%. The hemoglobin level before and after administration of Katuks leaves are highly significantly (p=0.000).

Conclusion of the study is katuk leaves infusion can improvement hemoglobin level in female rats Wistar

Keywords : Katuk leaves, Hemoglobin, anemia
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