

Efek kombinasi ekstrak *acalypha indica* linn dan pegagan *centella asiatica* linn sebagai neuroterapi perbaikan neuron hipokampus tikus sprague dawley pascahipoksia = The effect of combination of *acalypha indica* linn and *centella asiatica* linn as neurotherapy for sprague dawley mouse hippocampus neuron post hipoxia

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Abstrak

[ABSTRAK

Di Indonesia stroke merupakan salah satu penyebab kematian dan disabilitas utama dimana tingkat mortalitas akibat stroke mencapai 15,4% dari seluruh kasus mortalitas di Indonesia. Terapi yang diberikan pada pasien pasca-stroke adalah dengan fisioterapi dan pirasetam. Peneliti melakukan penelitian mengenai efek kombinasi *Acalypha indica* Linn dan *Centella asiatica* terhadap perbaikan neuron sebagai alternatif terhadap pirasetam yang memiliki banyak efek samping. Penelitian ini merupakan penelitian eksperimental yang menggunakan uji statistik One Way Anova ($P < 0,05$) dilanjutkan dengan uji Post Hoc. Dari hasil uji statistik didapatkan kesimpulan pemberian kombinasi ekstrak *acalypha indica* Linn dan *centella asiatica* pada berbagai dosis maupun pirasetam tidak menunjukkan efek yang berbeda bermakna terhadap sel piknotik dibandingkan pemberian akuades.

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ABSTRACT

In Indonesia stroke is one of the main causes of death and disability due to stroke mortality rates which reached 15.4% of all cases of mortality in Indonesia. Therapy given to post-stroke patients is by physiotherapy and piracetam. Researchers conducted a study of the effects of the combination of *Acalypha indica* Linn and *Centella asiatica* on the repair of neurons as an alternative to piracetam which has many side effects. This study is an experimental study using statistical tests One Way ANOVA ($P < 0,05$) followed by post hoc test. From the statistical test results obtained the conclusion of a combination of extracts of *Acalypha indica* Linn and *Centella asiatica* at different doses or piracetam did not show significantly different effects on picnotic cell compared with aquadest administration.; In Indonesia stroke is one of the main causes of death and disability due to stroke mortality rates which reached 15.4% of all cases of mortality in Indonesia. Therapy given to post-stroke patients is by physiotherapy and piracetam. Researchers conducted a study of the effects of the combination of *Acalypha indica* Linn and *Centella asiatica* on the repair of neurons as an alternative to piracetam which has many side effects. This study is an experimental study using statistical tests One Way ANOVA ($P < 0,05$) followed by post hoc test. From the statistical test results obtained the conclusion of a combination of extracts of

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