

## Perbedaan Pengaruh Terapi Murottal Selama 15 Menit Dan 25 Menit Terhadap Penurunan Skala Nyeri Pada Pasien Kanker Pascabedah

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| <b>Title</b>          | Perbedaan Pengaruh Terapi Murottal Selama 15 Menit Dan 25 Menit Terhadap Penurunan Skala Nyeri Pada Pasien Kanker Pascabedah   |
| <b>Author Order</b>   | 3 of 3   |
| <b>Accreditation</b>  |  |
| <b>Abstract</b>       | <p>Background: Surgery in cancer patients can cause pain. Pain can be overcome through pharmacological and non-pharmacological therapy. One of non-pharmacological therapies to reduce pain is murottal therapy because it can stimulate extraction of <math>\beta</math>-endorphin. Objective: This research aimed to determine the difference in effect of murottal therapy for 15 minutes and 25 minutes on reduction of pain scale in post-surgery cancer patients. Method: This research used quasi experimental research design with non-randomized pretest-posttest with control group design approach. The sampling in this research used consecutive sampling. The sample size in this research was 30 respondents. This amount was divided into 2 groups: 15 respondents of 15 minutes murottal therapy group and 15 respondents of 25 minutes murottal therapy group. Data analysis used the Wilcoxon and Mann Whitney test. Result: The majority of respondents aged 40-60 years old, female, and suffering from breast cancer. The result indicated that there was a significant difference in the pain scale in 15 minutes group (<math>p=0.002</math>) and 25 minutes group (<math>p=0.000</math>). But, there was no significant difference in the reduction of pain scale in both groups (<math>p=0.167</math>). However, the average reduction of pain scale in 25 minutes group was greater (<math>2.00\bar{A}, \bar{A}\pm 0.66</math>) than 15 minutes group (<math>1.53\bar{A}, \bar{A}\pm 1.06</math>). Conclusion: Murottal therapies for 15 minutes and 25 minutes were equally effective for reducing pain in post-surgery cancer patients.</p> |
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