

# Pengaruh developmental care terhadap respon nyeri akut pada bayi prematur yang dilakukan prosedur invasif di RSUD Tasikmalaya dan RSUD Ciamis = The effect of development care on acute pain in premature babies during invasive procedures in RSUD Tasikmalaya and RSUD Ciamis

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## Abstrak

Nyeri merupakan stimulus yang dapat merusak perkembangan otak bayi prematur. Tujuan penelitian mengetahui pengaruh developmental care terhadap respon nyeri akut pada bayi prematur yang dilakukan prosedur invasif. Penelitian ini menggunakan rancangan quasi experimental non equivalent control group, before and after design, dengan jumlah sampel 42 bayi prematur terdiri dari 21 responden sebagai kelompok kontrol dan 21 sebagai kelompok intervensi.

Hasil penelitian ada perbedaan yang signifikan dari respon nyeri akut sebelum dan sesudah dilakukan developmental care ( $p$  value=0,000). Rekomendasi penelitian developmental care perlu diterapkan dalam memberikan asuhan keperawatan pada bayi prematur dan diharapkan ada penelitian lanjutan tentang pengaruh developmental care terhadap perkembangan bayi prematur di kemudian hari baik dari aspek kognitif, bahasa maupun motorik.

.....Pain is a stimulus that can damage the developing brains of premature babies. The objectives of this research was to determine the effects of developmental care on acute pain response in premature babies who had been performed invasive procedures. This study used quasiexperiment research design non equivalent control group, before and after design, involving 42 sample consisted of 21 premature babies in both control and intervention group.

This study found that there was a significant difference on acute pain responses before and after developmental care been implemented ( $p$  value=0,000). Recommendation from this research are developmental care needs to be applied in nursing care for premature babies and it also important to investigate the long term influence of developmental care on development of premature babies either from the aspect of cognitive, language and motor skills.