

## Korelasi Antara Lingkar Kepala Lahir Dengan Tumbuh Kembang Anak Di Desa Rempoah Banyumas

<b>Title</b>	Korelasi Antara Lingkar Kepala Lahir Dengan Tumbuh Kembang Anak Di Desa Rempoah Banyumas
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<b>Abstract</b>	<p>The golden period of children's growth occurred in the first 1000 days and every disruption in this period would damage the number of cells and myelination that could not be achieved in the next period. Head circumference (HC) at birth was correlated with brain size to measure the brain's growth and development. This study aimed to find the correlation between HC at birth and children's growth and development. The research method used was cross-sectional. A total sample of 233 children at 6-60 months old in Posyandu Bina Kasih I-XI Rempoah Village, Baturaden District, was taken using total sampling. Research data used secondary data from previous study and were analyzed by Eta and spearman correlation tests. Results show 180 children who have normal nutritional status and 221 children with development based on their age. Median HC at birth value is 33 cm belongs in the normal category. Spearman test shows HC at birth is not correlated with nutritional status (<math>p=0.412</math>). Eta test shows HC at birth was statistically significant correlated with development based on KIA book albeit with a very weak level of correlation (<math>F</math> calculated <math>&gt; F</math> table; <math>ETA=0.196</math>). In conclusion, Head circumference at birth is correlated with development based on the KIA book, but does not correlated with nutritional status and head circumference.</p>
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