

PENGARUH PEMBERIAN MAKANAN TAMBAHAN LOKAL DAN SUSU 123  
TERHADAP PENINGKATAN STATUS GIZI BALITA GIZI KURANG USIA 12-24 BULAN

DEVI SAVITRI EFFENDY

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The general purpose of this research is to learn the influence of supplementary feeding by local food and 123 Milk toward the increasing of nutrient status of 12-24 month children with undernutrition in Kendari City, Southeast Sulawesi Province.

This is an experimental study was under taken for 30 days. Sample of research was undernutrition children 12-24 months age that came from Puskesmas Puuwatu area and Perumnas in Kendari City that collected by simple random sampling technique. 16 children under five in the Puskesmas Puuwatu area received local food intervention and 16 children in the area of Puskesmas Perumnas received 123 Milk intervention.

There was significant difference in the average of body weight differences before and after intervention between children group that was given Local food and 123 Milk ( $p=0,032$ ). Analysis with using paired t test indicated the differences between Z-Score value with BW/A and BW/H index before and after treatment in the children group that received local food intervention ( $p=0,000$ ). In the children group that received 123 Milk intervention, the analysis result of Z-Score value with BW/A index before and after intervention indicated that there was not any significant difference ( $p=0,084$ ), while the analysis of Z-Score value of BW/H index before and after intervention indicated the existence of significant different ( $p=0,000$ ). The analysis that used independent t test did not indicated the significant difference of Z-Score value with BW/A and BW/H index after the intervention between children group that received Local food and 123 Milk intervention. Independent t-test analysis toward difference average of Z-score value with BW/A index indicated that there was significant difference between children group that received Local food and 123 Milk intervention ( $p=0.025$ ). Analysis result toward difference average of Z-Score value with BW/H indicated the existence of significant difference between two group of intervention ( $p=0,028$ ). The final conclusion is that supplementary feeding by local food has better result in the increasing of body weight and Z-Score value than the giving of 123 Milk.

**Keywords : Local Food, 123 Milk, Children Under Five, Nutritional Status, Undernutrition.**