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Abstract

Brain development is a complex matter related with the multifactorial conditions. A certain period of the brain growth, when the brain is sensitive mostly to many external disturbing factors including protein-energy malnutrition (PEM), could be demonstrated from several studies. The negative impact of PEM on brain growth could be reflected by the alterations of many anatomical and histological brain structures. Those alterations would be persistently ensued, since the impairment of cognitive and behavioral functions resided in those brain structures could be shown in the children’s later life.

Keyword: PEM, brain, alterations, behavioral, cognitive, functions

Daftar Pustaka:
2. Maxwell S, (2005). Should we provide a guarantee that no child will be brain damaged by malnutrition in Africa if money can prevent it? - : SCN