



The 43rd APACPH Conference

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MARC

Ling (From Fetal) High Fat And Line (From Fetal) High Fat And Line (From Fetal) High Fat And Lowering Serum LDL-C Line (From Fetal) Memory Line (From Fetal) Mice

Ma, Yuan-Di Xi, Lin-Man, Rong Xiao Medical University, China

most spring studies show maternal high fat and energy diet (HFE) is deleterious to exactiovascular and mental health. Few and a illustrated the effects of early intervening sew functional factors. So, in this study, we educaterols enhancement HFE (HFE + PS) arms pregnancy and lactation to mother and swoffspring from weaning to when they were minvestigate its effects on serum cholesterol water maze performance ability and brain MARI mRNA and protein expression in M6 mice. The results indicated that and to HFE group, HFE + PS diet feeding escantly decreased serum low density exten cholesterol level, changed the brain MRNA and protein expression levels and sulleviating the detrimental effects of HFE. antively, these observational results give ary evidence that life long phytosterols moving might be a useful way to eliminate the deffects of HFE diet.

ral A3.d

Haemoglobin Content, Ferritin And Child Growth After Iron, Vitamin A And Vitamin C Supplementation Among Elementary School Students At Makassar City

Saifuddin Sirajuddin

Hasanuddin University, Indonesia

The purpose of this study was to discover the effect of iron supplementation combined with vitamin A and C once a week for three months on the hemoglobin content, ferritin and growth of elementary school children at Makassar City. Eighty anemia children selected randomly from three elementary schools at slum area, 40 have given Fe only and 40 given Fe combined with vitamin A and C. The measurement of the effect was done by comparing the Hb content and growth of children for two groups at the end of intervention and six months after intervention period for both group. The results of the study indicated that, there were a significantly different of Hb after the end of intervention compared to the Hb content six months after the end of intervention period (p<0.05). The provision of supplementary Fe combined with vitamins A and C gives the Hb content higher than without the vitamin supplement (p<0.05), whereas the ferritin content is not different significantly (p>0.05). There is a significant increase in growth § and height of the children at the end of intervention and after six month of intervention period (p<0.05) for both groups. There is no significant height increase in both groups (p>0.05). The provision of iron combined with vitamin A and C keeps the Hb content normal until six months after the end of intervention period and increases the growth of the children. Finally we can conclude that, supplementation of Fe combined with vitamin A and C were better then Fe only to increase Hb, ferritin and growth of children.

Oral A3.e

The Prevalence Of Total Goiter Rate In Three Different Geographic Areas In Jazan Saudi Arabia

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