Pengaruh Suplementasi Minyak Selama enam bulan terhadap
Pertumbuhan anak masa penyapihan.
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Abstrak :

Background:
Weaning period is a critical period in developing country. At this time children are growing fast but often they receive food below their daily requirement. Oil is a high energy food but used. The aim of the study was to find whether oil suplementation for six month can improve growth rarely and accepted by children.

Methods:
This study used randomized controoled trial. the study was held on 2003 at bulu lor village,east of Semarang,Centr al Java. 184 subject from 6-18 month devided into 2 group.Oil group ( 99 children ) received 200 cc oil every 2 weeks and the placebo group (85 children) received 200cc syrupus simplex. Each child received 3 times a tea spoonfull per day mixed in complementary food.Weight (in gram)of subject were measured every two weeks until 24 weeks (6 month).Height (in cm) were measured every 4 weeks (a month) until 24 weeks.

Result :
On the average fat intakes was low in 52.2% of the children. The compliance in study was 88.6%.There were differnt in ΔWAZ Score (p=0,000) dan ΔHAZ Score (p= 0,000) between treated and non treated group among 6-12 month old children.However , among 12 -18 olds children the differnce was not significant.Diarrhea happened in 2 children and was overcome by giving the oil little by little. Conclusion : Oil Suplementation gives effect on growth in 6 – 12 month old group.Infant of 6 -18 month can receive oil incorporate in their weaning food

Keywords : Oil Suplementation, Growth, weaning period.

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