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KRIANGCHAI AEGA : FACTORS THAT INFLUENCE THE SEVERITY OF PNEUMONITIS IN CHILDREN UNDER 5 YEARS OLD AT SURIN HOSPITAL. THESIS ADVISORS : BOONCHUAY DULYASUKDI, M.D., M.S., M.P.H., VICHAI RUNGPITARANGSI, M.D., M.Sc., PANUWAT WIRATANAPANU, M.D., Dip.Th.Brd.Ped. 79 p. ISBN 974-663-314-7

The main objective of this study is to examine the factors influencing the severity of pneumonitis in children under 5 years old. The comparative study was conducted at Surin Hospital during 1st July - 30th November, 1995. The sample consisted of 120 severe cases and 180 non-severe cases. The result, using statistical and epidemiological test, reveal that the following factors were associated with severity of pneumonitis : breast-feeding in infants under 6 months, congenital heart diseases, father's ages under 20 years old, undernutrition, birthweight less than 2500 grams, powder milk-feeding, combind breast-feeding and powder milk-feeding, incomplete immunization, mother's ages under 20 years old (RR = 2.36, 2.31, 2.11, 2.04, 1.83, 1.81, 1.64, 1.62 and 1.52 respectively). For prevention and control the severity of pneumonitis should solve these factors. This should reduce the severity of pneumonitis in children.