

Perbandingan umur erupsi gigi permanen anak dengan dan tanpa kelainan gizi

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Abstrak

Many factors have been found to be related to the timing of the eruption of permanent teeth in a population, e.g. racial composition, sex, climate and socio economic condition. The aim of the study is to compare the ages of eruption of permanent teeth in children with and without undernutrition problems. A number of 1216 school children aged 5-14 years selected from 5 underdeveloped villages in Kabupaten Serang and Pandeglang were taken as subjects. A tooth was considered to have erupted if any part of the crown had penetrated the gingiva. Undernutrition was assessed as such if the score of height-for-aged was less than 70% of median WHO-NCHS standard. The study found that 34,4% of the subjects had under nutrition problems and the average time of eruption of all upper and lower teeth of the boys and girls without undernutrition (normal) were significantly faster compare to that of boys and girls having undernutrition ($p < 0.001$). Teeth eruption in boys with undernutrition problem were slower than that of the girls. Conclusion: Further study is recommended since undernutrition problems were important factors which may influence the time of tooth eruption in Indonesian children.