

## Efektifitas biaya model pencegahan karies dan gingivitis pada program UKGS DKI Jakarta

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### Abstrak

In Dental health community programmes there are several kind of efficiency application patron such as in dental health programme worthy to do, like comparing various alternatives procedures in a dental health programmes. Cost effectiveness analysis (CEA) is becoming increasingly popular as society moved toward rationalizing dental health cost to optimized programmes. CEA compares the cost of procedure with its effectiveness, thus helping an administrator to judge whether the procedure is worth its cost. CEA also permit comparison of various interventions that result in a similar dental health outcome. A major benefit of CEA is that it forces decision maker to confront the trade-offs implicit in all decision regarding alternative approaches. Caries dentist and gingivitis are still a serious oral health problem to solve especially for primary school student. Curative effort is relative more expansive, so it was chosen alternative for preventing caries must be together with preventing gingivitis. The purpose of the research is getting the cost effective model of preventive caries and gingivitis for a primary school student at DKI Jakarta. The opportunity cost of alternative model preventive caries and gingivitis intervention such a modern dentistry approach (Fissure Sealant and Oral hygiene Instruction procedures by the dentist) to compare against model routine intervention approach (fluoride mouthrinsing and ART procedures by the full time dentist or by the dentist together with teachers) along with the relative effectiveness of preventive treatment. In this quasi experimental research with multistage randomized designed we use responden of all primary school student in DKI Jakarta for two different treatment group. Fissure Sealant and Oral hygiene Instruction procedures by the Dentist were judge to be more cost effective than fluoride mouthrinsing and ART procedures by the dentist together with teachers or by the full time dentist.