

## Peran pengetahuan awal dalam pembelajaran ilmu material kedokteran gigi mahasiswa semester III di fakultas kedokteran gigi (2001)

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### Abstrak

#### <b>ABSTRAK</b><br>

The objective of this study was to find out the relationship between prior learning and performance of final test on dental material science. A sample of 70 respondents was randomly selected from students in the Faculty of Dentistry, University of Indonesia, Jakarta. The data were taken through objective (for entry learning) and essay tests. The relation among prior learning and final test on dental material science was analysed by partial correlation and multiple regression techniques. The resulting findings are as follows: there was a positive correlation between student's prior learning and performance of final test ( $r=0.533$ ). This study also revealed that the mean score of students ability on prior learning and final test were higher than their theoretical mean score. It can be concluded that prior learning significantly contributed to learning achievement in dental material science.