

PENGARUH LAMA PERENDAMAN LEMPENG RESIN AKLIRIK HEAT CURED
LARUTAN PROPOLIS TERHADAP KEKUATAN IMPAK (PENELITIAN
EKSPERIMENTAL LABORATORIS)

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ABSTRACT

Until now in dentistry, the majority of acrylic resin materials are widely used as a removable denture base. Materials commonly used for denture base is heat-cured types are processed by way of curing waterbath. In use, artificial teeth may experience pressure suddenly, like falling on a hard surface or object being bitten hard by accident. Endurance of a material of this kind of pressure is called the power of impact (Noort, 1994).

In treatment, denture cleaning can be done in two ways, namely by means of mechanical or ultrasonic toothbrush and chemical means by soaking in denture cleaning solution. One of the alternative materials that can be used as a denture soaking solution of propolis.

In this final project will be studied in clinical effectiveness of propolis as a solution of denture cleanser on the impact strength of acrylic denture base, because the power is very influential impact strength while at the time of resin denture cleaning might fall. The purpose of this study to determine the influence of soaking time of heat cured acrylic plates in a solution of propolis against impact forcers.

Key words: heat-cured acrylic, impact strength, propolis