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Title: presenting the latest chemicals; Theracal lc and ledermix cement for usage in indirect pulp capping

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Abstract: Background and Aim: Nowadays pulp capping has been using for protecting teeth with reversible pulpitis. In treating decayed teeth if the decay has reached the nearest region to the pulp, and the pulp has remained unexposed, indirect pulp capping technique has been approved. In indirect pulp capping technique, certain chemicals can be used as liners for inducing dentin bridge. Calcium Hydroxide is one the most efficient chemicals for using as liner. Calcium Hydroxide (Dycal) besides having the benefits has some disadvantages, such as; high solubility and low stability. The purpose of this poster is presenting the latest chemicals; Theracal lc and Ledermix cement for usage in indirect pulp capping.

Materials and Methods: More than ten papers has been studied in this poster.

Result: Theracal lc is light-cured resin modified calcium: It has calcium release affect, alkaline ph promotes healing & apatite formation, moisture tolerant improve ability to form a durable seal, light cured, marginal integrity, strong physical properties, no solubility high radiopacity.

Ledermix cement is hard setting material for use on dentin ledermix cement contains: Triamcinolone, demeclocycline, calcium hydroxide and zinc oxide eugenol.

It has anti-inflammatory action because of triamcinolone & anti-bacterial action because of demeclocycline.

Key world: indirect pulp capping, Ledermix cement, Theracal LC

Presentation: Poster