



Storage Requirements

Store between 5°C and 25°C

Product Code

ODCP, ODCL

Ingredients

ODONTOCEM® Powder contains: triamcinolone acetonide 0.2% in a calcium cement base.

ODONTOCEM® Liquid contains: a solution of ammonium phosphate and ammonium sulphate.

Intended Use

- ODONTOCEM® Powder and ODONTOCEM® Liquid are mixed to form a calcium silicate-, calcium sulphate-, calcium hydroxide- and calcium phosphate-based cement liner for use in deep cavities and for the pulp capping of vital pulp exposures. ODONTOCEM® contains 0.2% triamcinolone acetonide, a potent steroid, to provide transient relief of pain. The relatively low dose of triamcinolone acetonide is such that the inflammatory reaction required to produce a dentine bridge is only temporarily delayed. This also prevents the development of false positives as may occur in formulations with higher amounts of steroid present. Additionally, the lower dose assists in maintaining a significant immune response.
- ODONTOCEM®, when set, is white in colour and thus can be used in anterior and posterior teeth with minimal risk of discolouration.
- ODONTOCEM®, once fully set, does not react with zinc oxide/eugenol bases, glass ionomers, composite resins or amalgams and exhibits very low solubility. The final pH is highly alkaline.

Instructions for Use

- ODONTOCEM® is based on next generation biocompatible materials. As a result, the performance of the mix is different to past experiences. Too thin a mix will result in a weak set. Too thick a mix will result in a rapid, hard set which, however, will be difficult to place. A moderate consistency should be the aim whereby a light dough is achieved. The dough can be patted into the desired position. When treating a pulp exposure, it is important not to force the material into the pulp exposure site but instead to apply it passively.
- Dispense one drop of ODONTOCEM® Liquid to a sufficient amount of ODONTOCEM® Powder (approximately 1:3) on a mixing pad. Add small portions of ODONTOCEM® powder incrementally to the liquid until a dough-like mix is produced. Mix quickly for 5-10 seconds until the powder is completely incorporated and a suitable viscosity and consistency is achieved.
- During mixing it is normal for a transient ammonia-type smell to be noted. This can be used as an indicator for the time of mixing required. Once the ammonia smell begins to reduce, this indicates that ODONTOCEM® is entering its setting stage and should be applied shortly thereafter.

- ODONTOCEM® can be applied with a small ball burnisher/flat plastic over the desired area and gently patted around the supporting edges into position. A passive application over the pulp exposure is important.
- Allow approximately 3-5 mins for ODONTOCEM® to undergo its initial set and 24 hours for maximum setting strength.
- There is minimal adhesion between ODONTOCEM® and dentine. Hence, for a microbiological seal, it is best to cover the area of cement and its margins with an adhesive liner such as glass ionomer or polycarboxylate cement. Do not attempt to cleanse the area with a triplex syringe prior to applying the adhesive liner as this will wash away the cement.
- As with any pulp capping agent or deep cavity lining, the effect of ODONTOCEM® on pulpal vitality can vary depending on individual circumstances. As a consequence, pulpal vitality should be monitored.

Contraindications for Use

- Use of ODONTOCEM® should be avoided in patients with a history of allergy to triamcinolone acetonide.
- ODONTOCEM® contains 0.2% triamcinolone acetonide. Triamcinolone acetonide is classed as a B3 drug in pregnancy. Use of ODONTOCEM® on pregnant women should be done so cautiously. ODONTOCEM® should not be used in pregnancy when multiple restorations in one time period, such as in quadrant dentistry, is required. There are no adequate studies on the effects of triamcinolone acetonide in pregnancy. Animal models have confirmed teratogenic effects. The dose of triamcinolone acetonide in ODONTOCEM®, when used as a cavity liner or pulp capping agent, is minimal and is not expected to present a risk. However, due to the possibility of an increased peak serum level during multiple procedures it is recommended that ODONTOCEM® be avoided.
- ODONTOCEM® should not be mixed with additional calcium hydroxide as the steroid stability may be impaired.

Warnings

- Each user should read the instructions for use and seek assistance with initial use if required.

Disposal

- Please dispose unused portions in accordance with all applicable local, state and federal regulations. Bottles are recyclable.

First Aid

- If poisoning occurs contact a doctor or poisons information centre. Within Australia phone **131 126**

