

POND SQUARE DENTAL

FISSURE SEALANTS

Fissure sealants are dental materials used to protect the grooves and pits on the chewing surfaces of teeth, particularly molars and premolars, from decay. These grooves can be hard to clean effectively, making them susceptible to dental caries (cavities).

APPLICATION PROCESS

- **Preparation:** The tooth surface is first cleaned and dried.
- **Application:** The sealant is applied to the pits and fissures of the tooth using a small brush or applicator.
- **Curing:** If it's a light-cured material, a special curing light is used to harden the sealant.



WHO CAN BENEFIT FROM FISSURE SEALANTS?

- Primarily used for children and adolescents, as they are at higher risk for developing cavities in the pits and fissures of their molars.
- Adults can also benefit, especially if they have deep grooves or a history of cavities.



BENEFITS

- **Cavity Prevention:** Sealants can significantly reduce the risk of cavities.
- **Minimally Invasive:** The process is painless and does not require drilling or anaesthesia.
- **Cost-Effective:** Preventing cavities with sealants can save on future dental treatment costs.
- **Longevity:** Fissure sealants can last several years. Regular dental check-ups are essential to ensure the sealant remains intact and effective.

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CONSIDERATIONS

- Not a substitute for proper oral hygiene. Regular brushing, flossing, and dental check-ups are still necessary.
- Potential for wear over time, sealants may need to be reapplied if they wear down or become damaged.

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