

## Technique Sheet 1: Treatment of Caries



1. Isolate from saliva with cotton wool rolls and high speed aspiration or rubber dam, Remove only sufficient enamel to access the carious lesion



2. With excavator or slow running dental handpiece and round bur, remove only the infected tissue. Stop immediately when resistance is felt to instrumentation



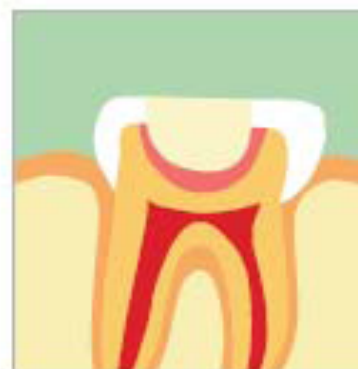
3. Apply tolonium chloride solution to the lesion with brush. Work into surface of infected tissue and cover the whole cavity. Continue for 60 seconds



4. Place the end of the PAD Plus light guide over the site of the lesion and place on the the cusps above the occlusal surface of the tooth



5. Activate the light for 60 seconds. Light penetrates through the surrounding tissue to activate the tolonium chloride solution and disinfects the remaining lesion. If two interproximal surfaces are involved, disinfect each surface separately.



6. After disinfection, either a) fill the cavity immediately with suitable restorative or b) before final filling, treat remaining softened tissue with remineralising agent. Note: glass ionomers are particularly appropriate to seal and assist in remineralisation of deep cavities.