

THE PARTICLE ABRADER

The Particle Abrader is a new breakthrough in dental technology we have been using for a couple of years but which you may not be aware. It is a thin stream of abrasive powder and air that is directed at the decay in the tooth and because it is only a thin stream it removes only the decayed part of the tooth, thus more healthy tooth structure is left behind, keeping the tooth strong



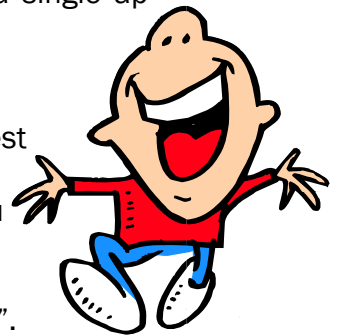
and healthy. Because there is no vibration in the tooth (and no noise!) a lot of small cavities can now be filled without the need for local anaesthetic and that numb feeling afterwards. It also means that several teeth can be filled at a single appointment in different parts of the mouth which had been difficult before.

The particle abradar is especially useful in treating decay in its earliest stages.

As you know, it is always best to treat decay at this stage so that you keep most of your tooth structure and so that the fillings will almost be invisible and pleasing to the eye.

We use the particle abradar in conjunction with a "caries detection dye".

This is a brightly coloured liquid (quite often red) which we place on the suspicious part of your tooth. When it is washed off, the dye will stick to decay only, making it easy for us to tell exactly what is decayed and what is sound tooth. We may elect to use the Diagnodent instead to check for decay. You probably met the Diagnodent at your examination appointment, it is the one with the laser beam to pick up hidden decay.



This is where the particle abradar becomes better than the conventional drill which because of its size and bulkiness, took away a lot more sound tooth structure.

Smaller cavities mean stronger teeth! The particle abradar produces no vibration like the conventional drill does and it is also perfect for people who find the drill noise distressing.

Because of its gentleness, the air abrasion is a perfect solution for restoring children's teeth or for those people who feel a little apprehensive.

Before they know it, their tooth has been prepared and filled leaving them with a beautiful decay free tooth and no nasty memories of dental treatment!



Because of the volume of powder in the mouth, there can be a gritty residue for a few hours afterwards. The powder in the mouth can at times be a little annoying but is only temporary.