



# The Hub Dental Practice



Love Your Smile

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## OZONE Therapy

Ozone is a new revolution which is changing the face of Dentistry

### PAIN FREE

For early decay, this hi-tech treatment involves no injections, no drilling, and is totally painless. It is ideal for total prevention in children.

There absolutely no sensation as the ozone gently bathes the infected area. In twenty seconds, 99.9% of the caries (decay) producing bacteria are eliminated. The ozone is pumped away, broken down into oxygen again-and the tooth is caries-free without pain. It is as simple as that.

### SAFE

Healozone delivers ozone directly onto the bacteria in a sealed environment and is proven to be completely safe.

### EFFECTIVE

Ozone kills 99.9% of all decay producing bacteria in 20 seconds! It is used in dentistry to stop and even reverse small cavities. It is also being used in other aspects of Dentistry.

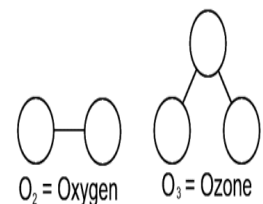
- Pain free
- Prevents Tooth Decay
- Can reverse small early Tooth Decay
- Minimum intervention
- Safe and effective prevention
- Drill free in early decay
- Ideal for children and Nervous Patients
- Reduces Post Treatment Pain and promotes healing

### What Is Ozone?

Ozone is a form of Oxygen.

Like oxygen, ozone is also a gas. It is that fresh clean smell that you find at high altitudes and after thunderstorms. Ozone is therefore named after the Greek word Ozein, to smell. Ozone is present all around us in the air that we breathe. It protects us from harmful sunlight.

Because Ozone is also a powerful oxidizing agent, it has been used widely for the past 40 years to purify water systems and the water you drink.



### Which Patients Benefit From Ozone ?

Clearly, Ozone Therapy appeals to a large patient target group from young to old throughout all generations, because most people are afraid of the pain involved with caries (cavity) treatment. But the caries (cavity) treatment with ozone puts an end to all this!

### Can you describe the Ozone Treatment?

The Ozone gas applies through a silicon cup.

The ozone gas is applied which penetrates a few millimetres into the infected tooth through a silicone cup to kill the bacteria and neutralize harmful acids in the mouth. Then, sealants are used along with this treatment to protect the tooth from further damage.



After the ozone treatment, the saliva in the mouth, mouthwash, toothpaste or special varnishes can act to harden the tooth again – the tooth is checked after about 4-8 weeks that this is happening successfully, and at this point, any marks or staining on the tooth can also be covered up.

### What Are The Advantages Of Using Ozone Therapy?

90% of treated teeth are expected to respond if the patient follows the care instructions.

Ozone Treatment can prevent bacteria getting trapped deep inside a treated tooth that then has a filling or crown placed on top.

Although the upfront cost is the same as a filling, long-term the procedure means you need not expensive treatment to remove enamel to allow the ozone to penetrate, there is generally little discomfort.

The treatment restores the balance of bacteria and, if followed up by the use of special mouthwashes, toothpastes and gels, can remove the root cause of cavities and strengthen the enamel on the treated tooth.

Fissure sealing involves the placement of a seal OVER the fissures which harbour bacteria. Unfortunately these seals did and still do leak. Tooth decay can continue under the seal and detection is masked by the seal. At The Hub Dental Practice we have not recommended fissure sealing on its own for the above reason.

### Fissure Sealing

With OZONE, the entire therapy has changed. Our NEW procedure is as follows:

1. Bacterial disinfection of all fissures using Ozone

2. Placement of a Special Sealant to form a seal

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### Small Lesions

With very small lesions, in early decay. The Ozone is applied to the tooth surface. It is important to maintain good oral hygiene. The re-mineralizing toothpastes/ mouth rinses will then help the lesion to heal.

Research indicates that up to 99% of teeth treated did not get worse. No drilling and filling is required.

### Deep Filling and Pulpal(Nerve) exposure

Ozone treatment is a perfect addition to the normal treatment as it kills all the bacteria in the cavity, and this leaves an area where the pulp can heal itself.

In addition the ozone treatment reducing the post operative pain and often eliminates it completely.

### What Should The Patient Do After Ozone Therapy?

After ozone treatment, the patient is asked to follow these instructions to ensure treatment success.

Keep your teeth free of bacteria and plaque by regular and effective tooth brushing.

Avoid acidic drinks.

Avoid sugary foods and drinks.

Use fluoride mouthwash and toothpaste.



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