

**An audit of recall assessments of Clinical treatments using Ozone**

Dr Julian Holmes is conducting an audit, the aim of which is to assess your perception of the recall results of the Ozone treatment you have carried out in your practice using Ozone. We would like to ask you some questions which will include: your demographic profile, type of practice and attitudes with regard to using Ozone to treat carious lesions.

ALL YOUR RESPONSES TO THE QUESTIONNAIRE WILL BE TREATED WITH COMPLETE CONFIDENCE.

Please remember there is no right or wrong answer to the questions asked. Please answer the following questions. For most questions this will involve marking with a tick  beside the answer that best applies to you.

**Thank you for helping us with this essential research.**

---

**SECTION 1 DEMOGRAPHIC PROFILE**

1. Age group?

(Please tick  as appropriate):

- 1  <24
- 2  25-34
- 3  35-44
- 4  45-45
- 5  46 and older

1. Gender:

(Please tick  as appropriate):

- 1  Male
- 2  Female

2. How many years have you been in practice?

(Please tick  as appropriate):

- 1  <5 years
- 2  6-10 years
- 3  11-15 years
- 4  16-20 years
- 5  21-30 years
- 6  > 30years

3. What type of practice?

(Please tick  as appropriate):

- 1  group general practice
- 2  single operator general practice
- 3  group specialist practice
- 4  single operator specialist practice

4. Is your practice?

(Please tick  as appropriate):

- 1  Gvt/insurance care practice
  - 2  mixed practice
  - 3  private practice
  - 4  salaried practice
- 

**SECTION 2: CLINICAL SCENARIOS**

**Scenario 1.**

The management of enamel occlusal pit and fissure caries in caries risk patients

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone combined with sealing using preventive resin type technique
- 2  Ozone combined with sealing using fissure sealing type technique
- 3  Conventional preventive methods only: dietary advice and increasing fluoride usage.

When you use Ozone for this treatment, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional preventive methods
- 2  Comparable to conventional preventive methods
- 3  Inferior to conventional preventive methods
- 4  Have no recall experience

How many caries risk patients in the last 12 months with infected dentine have you treated with Ozone using this technique?

(please state)

\_\_\_\_\_

## O3 Technologies

### Scenario 2:

The management of early occlusal pit and fissure caries with infected dentine extending up to 1 mm in depth.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone combined with sealing using preventive resin type technique
- 2  Ozone combined with sealing using fissure sealing type technique
- 3  Conventional injections, drilling and filling.

When you use Ozone for this solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 5  Superior to the conventional treatment
- 6  Comparable to the conventional treatment
- 7  Inferior to the conventional treatment
- 8  Have no recall experience

How many teeth in the last 12 months with infected dentine extending up to 1 mm in depth have you treated with the Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 3:

The management of smooth surface caries: infected dentine extending up to 1 mm in depth.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone combined with sealing using preventive resin type technique
- 2  Ozone combined with sealing using fissure sealing type technique
- 3  Conventional injections, drilling and filling.

When you use Ozone for this solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to the conventional treatment
- 2  Comparable to the conventional treatment
- 3  Inferior to the conventional treatment
- 4  Have no recall experience

How many teeth in the last 12 months with infected dentine extending up to 1 mm in depth have you treated with Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 4:

Management of early root caries:

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone combined with sealing using preventive resin type technique
- 2  Ozone combined with sealing using fissure sealing type technique
- 3  Conventional injections, drilling and filling.

When you use Ozone for this solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 9  Superior to the conventional treatment
- 10  Comparable to the conventional treatment
- 11  Inferior to the conventional treatment
- 12  Have no recall experience

How many teeth in the last 12 months with early root caries have you treated with Ozone using this technique?  
(please state) \_\_\_\_\_

---

## O3 Technologies

### Scenario 5:

Management of deep caries in teeth with reversible pulpitis.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone treating 1 mm of infected dentine overlying the pulpal tissue before restoration
- 2  Stepwise excavation technique

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to the stepwise excavation technique
- 2  Comparable to stepwise excavation technique
- 3  Inferior to stepwise excavation technique
- 4  Have no recall experience

How many teeth in the last 12 months with reversible pulpitis have you treated with the Ozone using this technique? (please state) \_\_\_\_\_

---

### Scenario 6:

Irrigation of infected root canals.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone delivered into sodium hypochlorite
- 2  Irrigation with sodium hypochlorite alone

When you use Ozone for this solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to irrigation with sodium hypochlorite alone
- 2  Comparable to irrigation with sodium hypochlorite alone
- 3  Inferior irrigation with sodium hypochlorite alone
- 4  Have no recall experience

How many root canals in the last 12 months have you treated with Ozone using this technique?

(please state) \_\_\_\_\_

---

### Scenario 7:

Management of a dry socket.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone
- 2  Conventional techniques

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional techniques
- 2  Comparable to conventional techniques
- 3  Inferior to conventional techniques
- 4  Have no recall experience

How many dry sockets in the last 12 months have you treated with the Ozone using this technique?

(please state) \_\_\_\_\_

---

### Scenario 8:

Management of Herpes Labialis.

Which treatment solution do you use most often in your practice?

(Please tick  as appropriate):

- 1  Ozone
- 2  Acyclovir.

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to Acyclovir
- 2  Comparable to Acyclovir
- 3  Inferior Acyclovir
- 4  Have no recall experience

## O3 Technologies

How many lesions in the last 12 months have you treated with Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 9:

Management of Aphthous Ulcers.

Which treatment solution do you use most often in your practice?  
(Please tick  as appropriate):

- 1  Ozone  
2  Conventional techniques

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional techniques  
2  Comparable to conventional techniques  
3  Inferior to conventional techniques  
4  Have no recall experience

How many lesions in the last 12 months have you treated with the Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 10:

Treatment of internally discoloured teeth.

Which treatment solution do you use most often in your practice?  
(Please tick  as appropriate):

- 1  Ozone  
2  Conventional techniques

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional techniques  
2  Comparable to conventional techniques  
3  Inferior to conventional techniques  
4  Have no recall experience

How many teeth in the last 12 months have you treated with Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 11:

External Bleaching of teeth.

Which treatment solution do you use most often in your practice?  
(Please tick  as appropriate):

- 1  Ozone  
2  Conventional techniques

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional techniques  
2  Comparable to conventional techniques  
3  Inferior to conventional techniques  
4  Have no recall experience.

How many teeth in the last 12 months have you treated with the Ozone using this technique?  
(please state) \_\_\_\_\_

---

### Scenario 12.

Treatment of cervical sensitivity.

Which treatment solution do you use most often in your practice?  
(Please tick  as appropriate):

- 1  Ozone  
2  Conventional techniques

When you use Ozone for your solution, from your recall results, do you consider the recall result to be?

(Please tick  as appropriate):

- 1  Superior to conventional techniques  
2  Comparable to conventional techniques  
3  Inferior to conventional techniques  
4  Have no recall experience

How many teeth in the last 12 months have you treated with Ozone using this technique?  
(please state) \_\_\_\_\_

**PLEASE MAKE SURE YOU HAVE COMPLETED ALL THE QUESTIONS**

**THANK YOU FOR ASSISTANCE**

**Please e mail your response to [julianholmes@mweb.co.za](mailto:julianholmes@mweb.co.za)**

**or post it to**

**Dr Julian Holmes,**

---

**Section 3: Attitudes towards Ozone in practice**

Thinking about how you use Ozone in your treatment of patients: do you feel that it is?

(Please tick  as appropriate):

- 1  Very important
- 2  Quite important
- 3  Neither/nor
- 4  Slightly important
- 5  Not at all important

How much do you think your patients like to be treated with Ozone ?

(Please tick  as appropriate):

- 1  Very much
- 2  Quite a lot
- 3  Neither/nor
- 4  Slightly
- 5  Not at all

Do you feel that Ozone technologies should be taught in every dental school to undergraduate dental students?

(Please tick  as appropriate):

- 1  Completely Agree
- 2  Agree
- 3  Neither/nor
- 4  Slightly agree
- 5  Should only be taught at postgraduate level