Infection Prevention and Control Lapse Report
Somerset Dental Clinic

Initial Report

<table>
<thead>
<tr>
<th>Premise/facility under investigation</th>
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<tbody>
<tr>
<td>Somerset Dental</td>
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<tr>
<td>708 Somerset St W</td>
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<tr>
<td>Ottawa, Ontario</td>
</tr>
<tr>
<td>K1R 6P6</td>
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<table>
<thead>
<tr>
<th>Type of premise/facility</th>
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<tr>
<td>Dental Clinic</td>
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<table>
<thead>
<tr>
<th>Date Board of Health became aware of IPAC lapse</th>
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<tr>
<td>2018-07-12</td>
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<table>
<thead>
<tr>
<th>Date of Initial Report posting</th>
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<tr>
<td>2018-07-26</td>
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<table>
<thead>
<tr>
<th>Date of Initial Report update(s)</th>
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<tr>
<td>N/A</td>
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<tr>
<th>How the IPAC lapse was identified</th>
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<td>In response to a public complaint regarding infection prevention and control (IPAC) in this dental clinic, OPH inspected the premises and determined an IPAC lapse has occurred</td>
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<table>
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<tr>
<th>Summary Description of the IPAC Lapse</th>
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<td>Reprocessing of reusable dental equipment:</td>
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<td>• No one way flow in reprocessing area noted to prevent cross contamination</td>
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<tr>
<td>• Autoclave: no documentation for monitoring of time, temperature and pressure of autoclave, no record of servicing of autoclave</td>
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<tr>
<td>• Reusable dental equipment not packaged for reprocessing according to current best practices</td>
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<tr>
<td>• Inappropriate storage and use of unpackaged critical dental equipment</td>
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<tr>
<td>• Foil test for ultrasonic cleaner not performed</td>
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<tr>
<td>• No record of servicing of ultrasonic cleaner</td>
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Policies and procedures

- Incomplete IPAC policies and procedures

Occupational Health and Safety

- Insufficient flush time with temporary eyewash

**IPAC Lapse Investigation**

**Did the IPAC lapse involve a member of a regulatory college?**

Yes

**If yes, was the issue referred to the regulatory college?**

Royal College of Dental Surgeons of Ontario
College of Dental Hygienists of Ontario

**Were any corrective measures recommended and/or implemented?**

Yes

**Please provide further details/steps**

Reprocessing of reusable medical equipment

- Replace autoclave with a model that can monitor and print the physical parameters of time, pressure and temperature
- Once installed, perform the steps to qualify the new autoclave prior to use and provide proof to OPH that the standard has been met
- Reprocess all reusable dental equipment in the new autoclave prior to use
- All reprocessed reusable dental equipment must be packaged for sterilization and stored according to current best practice
- Perform foil test weekly on ultrasonic cleaner and maintain records of testing
- Have autoclave and ultrasonic cleaner serviced regularly according to manufacturer’s instructions

Policies and Procedures

- Complete written IPAC policies and procedures based on the most current best practices

Occupational Health and Safety

- Install permanent eyewash station

Education
Ensure all clinical staff, including dentists, complete Public Health Ontario’s IPAC Core competencies online modules for the clinical office practice and modules on Reprocessing in the Community and provide Certificate of Completion

**Date any order(s) or directive(s) were issued to the owners/operators (if applicable)**

Written directive to cease using any reusable dental equipment until it is reprocessed and verified by OPH was provided to and acknowledged by the dentist on July 12, 2018

**Initial Report Comments and Contact Information**

**Any Additional Comments**

New autoclave met qualification standard on 2018-07-23. Clinic able to resume using reusable dental equipment when sufficient equipment to practice is reprocessed and available.

**If you have any further questions, please contact:**

**Title:** Kathryn Downey, Ottawa Public Health
**E-mail address:** IPAC/PCI@ottawa.ca
**Phone number:** 613-580-2424 ext. 26325

For general updates regarding this investigation, continue to monitor this report. The results of routine inspections are posted on the Ottawa Public Health Disclosure website.

**Final Report**

**Date of Final Report posting:**

2018-11-20

**Date of Final Report Update(s)**

**Date all corrective measures were confirmed to have been completed**

2018-10-17

**Brief description of corrective measures taken**

Reprocessing of reusable medical equipment

- Observed improved one-way flow in reprocessing area to prevent cross contamination on 2018-07-23
- Observed new autoclave installed by service provider on 2018-07-23
- Observed evidence that autoclave met qualification standard and records kept of passed Biological Indicators, Chemical Indicators and physical parameters (time, pressure and temperature) on 2018-07-23
Evidence that staff have started to reprocess all reusable dental equipment and sufficient packaged sterile equipment is available to practice on 2018-07-23
Evidence that the foil test is being performed on the ultrasonic cleaner on 2018-07-23
Service receipt for ultrasonic equipment provided on 2018-08-09
Plan for regular servicing of reprocessing equipment provided on 2018-08-09
Plexiglas barrier installed in reprocessing room between reprocessing sink and clean area on 2018-09-10
Confirmed all reusable dental equipment has been reprocessed, packaged and stored on 2018-09-10

Policies and Procedures
- Provided evidence that IPAC policies and procedures available on 2018-10-11

Occupational Health and Safety
- Confirmed installation of permanent eyewash station to replace temporary eyewash on 2018-09-10

Education
- Confirmed completion of Public Health Ontario’s IPAC Core Competencies Course by all clinic staff and Certificates of Completion issued on 2018-09-10
- Provided certificates of completion for Public Health Ontario’s modules on Reprocessing in the Community for all professional staff on 2018-09-10

Final Report Comments and Contact Information

Any Additional Comments

If you have any further questions, please contact:

Title: Kathryn Downey, Ottawa Public Health
E-mail address: IPAC/PCI@ottawa.ca
Phone number: 613-580-2424 ext. 26325

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