



Infection Prevention and Control Lapse Report

Riverview Dental Clinic

Initial Report

Premise/facility under investigation

Riverview Dental
1568 Alta Vista Dr.
Ottawa, Ontario
K1G 0G2

Type of premise/facility

Dental Clinic

Date Board of Health became aware of IPAC lapse

2018-07-11

Date of Initial Report posting

2018-07-25

Date of Initial Report update(s)

N/A

How the IPAC lapse was identified

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

Summary Description of the IPAC Lapse

Reprocessing of reusable dental equipment:

- No one way flow in reprocessing area noted to prevent cross contamination
- Autoclave: no documentation for monitoring of time, temperature and pressure of autoclave, no record of servicing of autoclave
- Reusable dental equipment not packaged for reprocessing according to current best practices
- Inappropriate storage and use of unpackaged critical dental equipment
- Foil test for ultrasonic cleaner not performed
- No record of servicing of ultrasonic cleaner

Medication storage and preparation:

- Unpackaged carpule syringes preloaded with anesthetic and stored in drawer

Environmental cleaning

- Worn countertop in reprocessing area and under autoclave unable to be adequately cleaned

Policies and procedures

- Incomplete IPAC policies and procedures

Occupational Health and Safety

- Temporary eyewash available but not located near reprocessing room

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

Medication storage and preparation:

- Do not preload carpule syringes

Environmental cleaning

- Replace worn countertops in the reprocessing area with a nonporous, cleanable countertop

Policies and Procedures

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

Occupational Health and Safety

- Locate temporary eyewash in the reprocessing area until permanent eyewash station can be installed

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 11, 2018

Initial Report Comments and Contact Information

Any Additional Comments

New autoclave met qualification standard on 2018-07-13. Clinic 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 dental equipment

- Observed improved one-way flow in reprocessing area to prevent cross contamination on 2018-07-12
- Observed new autoclave installed by service provider on 2018-07-12
- Observed evidence that autoclave met qualification standard with passed Biological and Chemical Indicators on 2018-07-13
- Confirmed records kept for autoclave's physical parameters (time, pressure, temperature) on 2018-07-13
- Evidence that staff have started to reprocess all reusable dental equipment and sufficient packaged sterile equipment is available to practice on 2018-07-16
- Evidence that the foil test is being performed on ultrasonic cleaner on 2018-07-16
- Service receipt for ultrasonic equipment provided on 2018-08-09
- Plan for regular service of reprocessing equipment provided on 2018-08-09
- Plexiglas barrier installed in reprocessing room between reprocessing sink and clean area on 2018-09-07
- Confirmed all reusable dental equipment has been reprocessed, packaged and appropriately stored on 2018-09-07

Medication storage and preparation

- Carpule syringes reprocessed, packaged and stored according to standards; not preloaded on 2018-07-16

Environmental cleaning

- Nonporous cleanable surface placed over countertop under sterilizer on 2018-09-07
- Purchased additional hospital grade cleaning products for reprocessing area on 2018-10-17

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 on 2018-09-07

Education

- Confirmed completion of Public Health Ontario's IPAC Core Competencies Course by all clinic staff and Certificates of Completion issued on 2018-09-07
- Confirmed completion by all professional staff of Public Health Ontario's modules on Reprocessing in the Community and Certificates of Completion issued on 2018-09-07

Final Report Comments and Contact Information

Any Additional Comments

If you have any further questions, please contact:

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