

The Puck is Passed! IPAC Lapses in the Community Setting

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Still Too Early In The Game

No conflicts to declare



Goal! For Our Session

- To review the Niagara approach to IPAC lapse investigations
- To discuss protocols that govern IPAC lapse investigations in Ontario
- To outline the education and resources that are preparing our IPAC Team
- To identify common IPAC lapses in Regulated Health Care Facilities & Personal Service Settings

Hepatitis C outbreaks at three Toronto colonoscopy clinics kept secret

Toronto Public Health, which revealed the outbreaks when pressed by the Star, said 11 patients were infected and tainted sedative injections were the "possible" cause in all cases.



NEWS



SPORTS



WHAT'S ON



OPINION



LIVING



EVENTS



CLASSIFIEDS



OBITUARIES

SEARCH

Home / News / Local / Five People Infected With Hepatitis C In...

Five people infected with hepatitis C in outbreak in Kitchener colonoscopy clinic

... hepatitis C after having colonoscopies at the Tri-City Colonoscopy

... ing the hepatitis C outbreak — the first in the region — and

... aid inspections by public health officials found no evidence of ...
... ng Road clinic continues to perform colonoscopies.

... y, there's risk," Nolan said.

... n since the clinic opened has not identified other cases linked

... tient transmission due to a lapse in infection prevention and ...
... e 13 people who had procedures that day, five were found to

... noscopies was ruled out as the outbreak's source, Nolan said.

... outbreaks in colonoscopy clinics in North America and while ...
... to infection control lapses with medication vials or flushing

Frey's
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TOP STORIES



BUSINESS Sep 18, 2017
EMPLOYMENT LAW: Doughnut shop facing 'hole' lot of trouble

LOCAL Sep 17, 2017

Ontario health minister orders data on clinics made public

Eric Hoskins is demanding more transparency and has told province's regulatory colleges and public health units he wants investigations and inspections made public.



Niagara - Our Arena

- Grimsby to Fort Erie
- Physician Offices – 160 offices
- Personal Service Settings - 720



Playbooks

Ministry of Health and Long-Term Care

Infection Prevention and Control Complaint Protocol, 2018

Population and Public Health Division,
Ministry of Health and Long-Term Care

Effective: January 1, 2018

Ministry of Health and Long-Term Care

Infection Prevention and Control Disclosure Protocol, 2018

Population and Public Health Division,
Ministry of Health and Long-Term Care

Effective: January 1, 2018

IPAC Lapse

Is defined as a failure to follow IPAC practice standards resulting in the transmission of infectious diseases to clients, attendees or staff through:

- exposure to blood
- body fluids
- secretions, excretions
- mucous membranes
- non-intact skin
- contaminated equipment and soiled linens

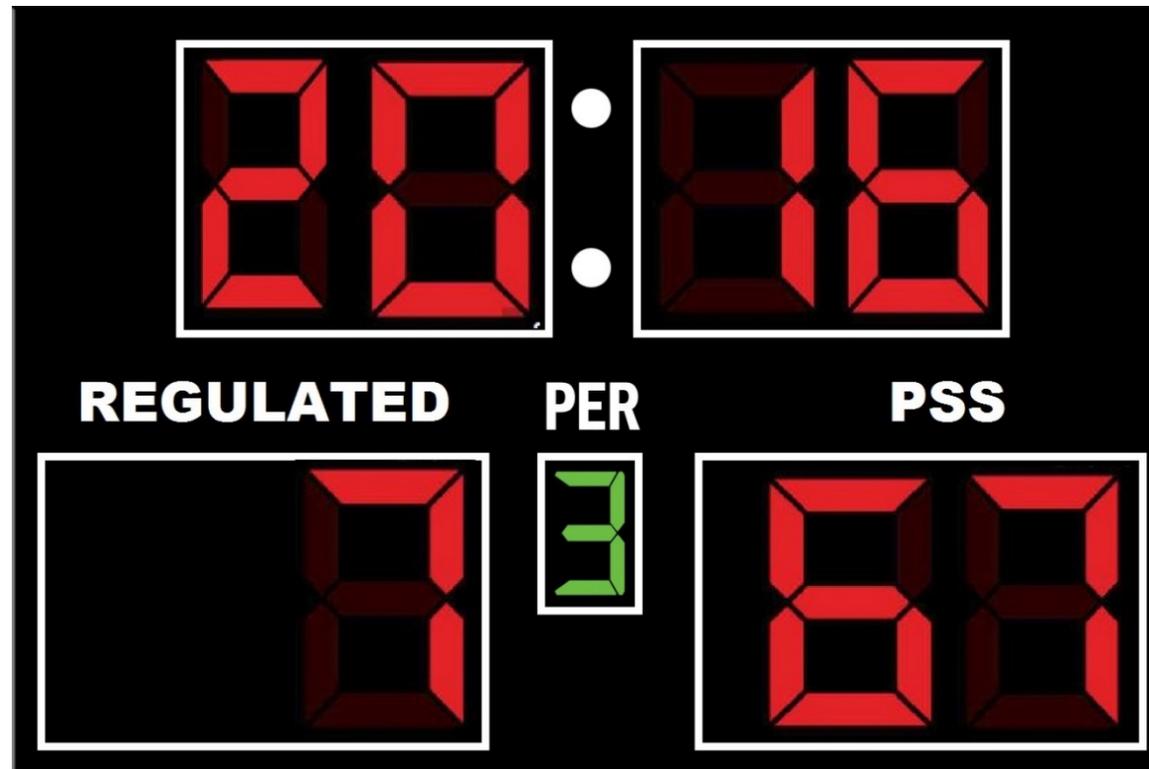
Source: MOHLTC Infection Prevention and Control Disclosure Protocol, 2018

Lapses Can Be Triggered By

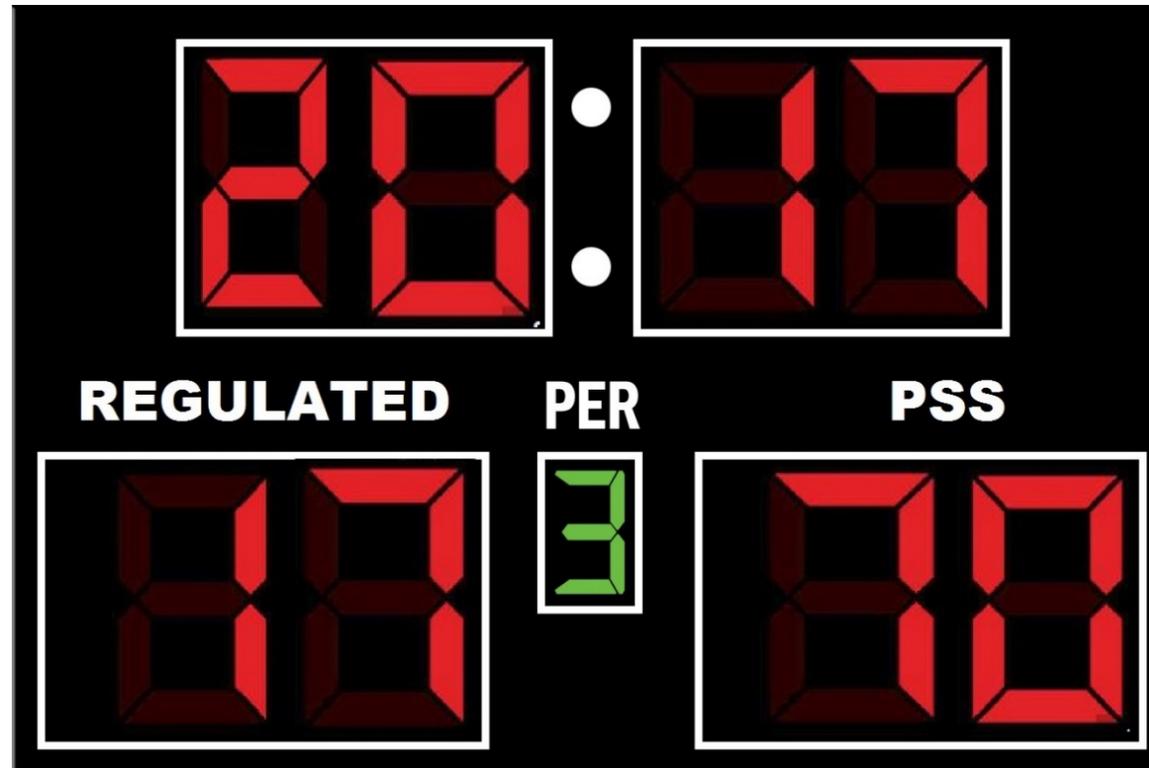
- An IPAC complaint from a member of the public made directly to the local PHU
- Referral from a regulatory college (i.e. CPSO, RCDSO) notifies Public Health
- Alternate sources- other Public Health Units, Public Health Ontario or the MOHLTC
- Communicable disease surveillance



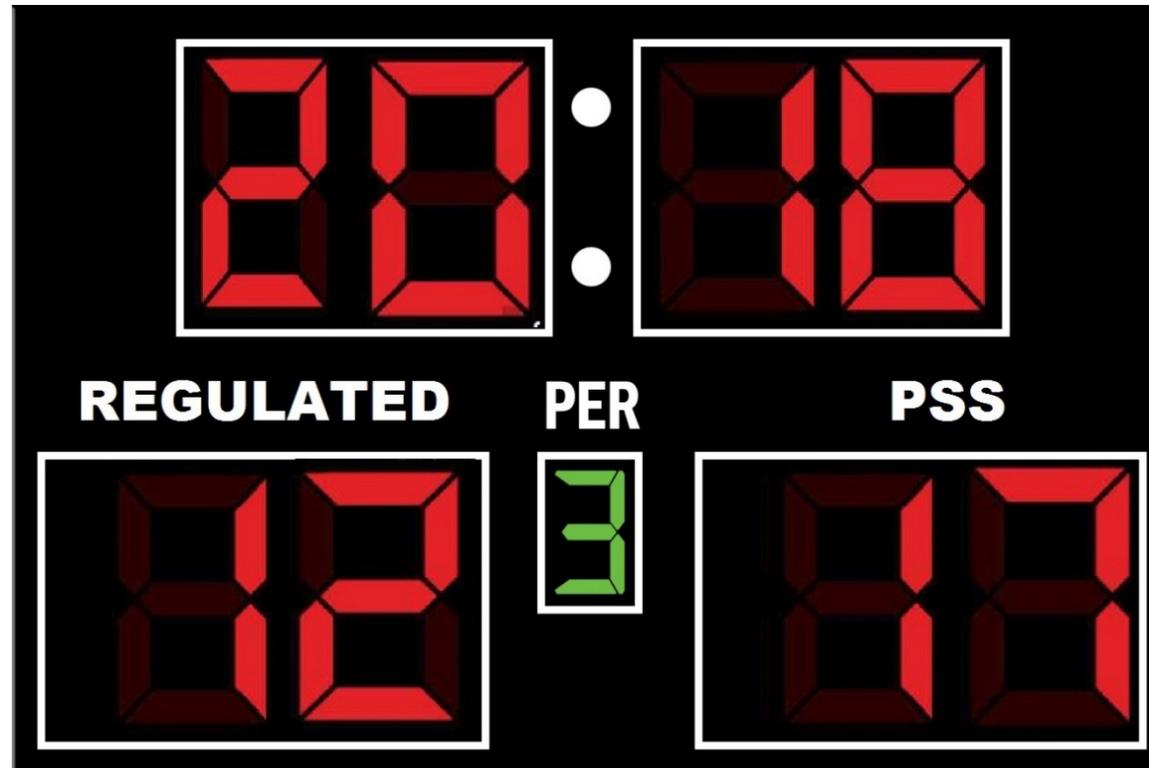
2016 IPAC Investigations

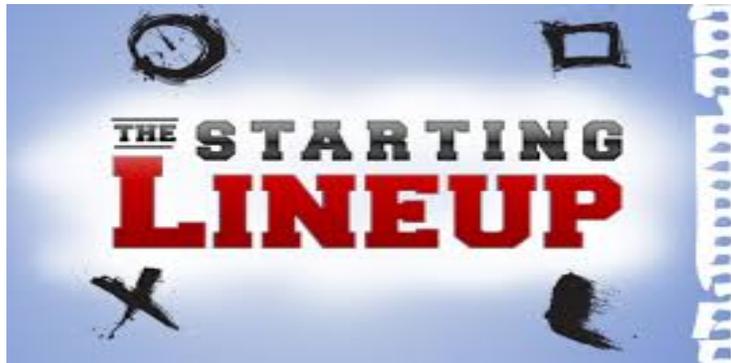


2017 IPAC Investigations



2018 IPAC Investigations





- ✓ Public Health Inspectors
- ✓ Public Health Nurses
- ✓ Manager (Environmental Health)
- ✓ Manager (Infectious Disease Program)
- ✓ IPAC Supervisor (Infectious Disease Program)

Preparing Our IPAC Team

- IPAC Canada Infection Control courses (Queens University & Centennial College) preparing for CBIC exam
- Medical Device Reprocessing Course (MDRAO)
- PHO modules (Core Competencies & Reprocessing)
- On-line subscription to the Canadian Standards Association
- On-line subscription to APIC

Provincial Infectious Disease Advisory Committee (PIDAC)-Resources



Public Health Ontario | Santé publique Ontario
PARTNERS FOR HEALTH | PARTENAIRES POUR LA SANTÉ

Infection Prevention and Control for Clinical Office Practice

Published: June 2013
1st revision: April 2015

PIDAC Provincial Infectious Diseases Advisory Committee
Infection Prevention and Control

Best Practices for Cleaning, Disinfection and Sterilization of Medical Equipment/Devices

In All Health Care Settings, 3rd edition

Provincial Infectious Diseases Advisory Committee (PIDAC)

Published: April 2007
Second Revision: February 2010
Third Revision: May 2013



Public Health Ontario | Santé publique Ontario
PARTNERS FOR HEALTH | PARTENAIRES POUR LA SANTÉ

Routine Practices and Additional Precautions

In All Health Care Settings, 3rd edition

Provincial Infectious Diseases Advisory Committee (PIDAC)

Published: August 2009
Second Revision: July 2011
Third Revision: November 2012



Public Health Ontario | Santé publique Ontario
PARTNERS FOR HEALTH | PARTENAIRES POUR LA SANTÉ

Best Practices for Environmental Cleaning for Prevention and Control of Infections

In All Health Care Settings - 2nd edition

Provincial Infectious Diseases
Advisory Committee
(PIDAC)

First Published: December 2009
Revised: May 2012

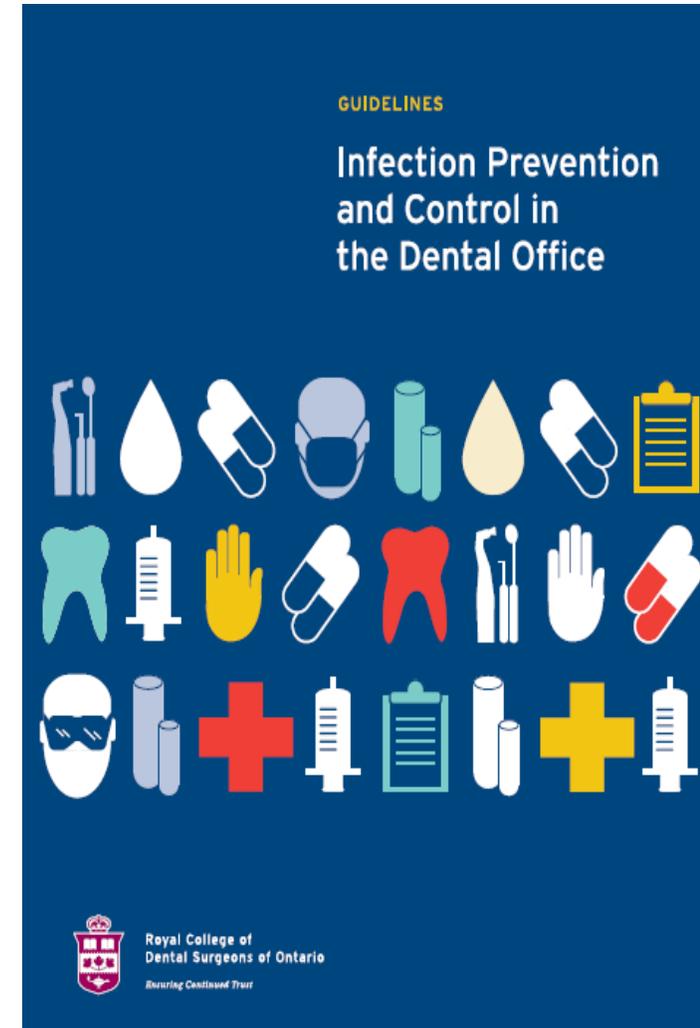
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Other IPAC Guidelines



User Handbook for Medical Device
Reprocessing in Community Health
Care Settings



Preparing To Be An IPAC Champion

- Monthly Health Care Provider Newsletter- select IPAC issues
- CME Health Care Provider In-Service (September 2017) and “friendly” consultation was an option
- Niagara Dental Hygienist Presentation
- Dental In-Service (January 2018)

Regulated Care Providers

- Investigations conducted by a Public Health Nurse and Public Health Inspector
- Investigations conducted within 24 hours after initial complaint
- Site visits are unannounced
- Public Health is required to report complaints to the regulatory college(s) (e.g. CPSO, RCDSO)
- Public Health may be accompanied by the regulatory college on the site visit

PHO Checklists-Medical



Checklist for Infection Prevention and Control (IPAC) CORE Elements in Clinical Office Practice

When to use this document: This checklist was developed as a tool to assist public health units and others during IPAC lapse investigations and can be used to conduct inspections, audits and reviews of IPAC programs.

Disclaimer: Public Health Ontario (PHO) has developed this *Checklist for Infection Prevention and Control (IPAC) CORE Elements in Clinical Office Practice* and its content, based on the Provincial Infectious Disease Advisory Committee's (PIDAC's) [Infection Prevention and Control for Clinical Office Practice, June 2013](#). This document is intended to support a review or audit of public health practices and does not replace best clinical practices or legislative requirements. PHO is not responsible for any losses or damages arising from the use of this document or its contents, including for any purposes to inform any decision or determination, clinical or otherwise, regarding inspections, findings, outcomes or recommendations.

Location name:

Location address:

Date of visit:

Reason for inspection:

Name of inspector:

Location contact (name, title and phone number):

Leg. Req. = Legislated Requirement:	Must be compliant with the relevant Act or regulation (e.g. <i>Occupational Health and Safety Act</i>).
High Risk:	Immediate health hazard exists. Stop practice and correct immediately. The act or failure to act immediately may lead to the transmission of infection or risk of illness or injury. Practices that cannot be corrected immediately must be stopped until the health hazard is observed to have been eliminated. An Order may be warranted/issued.
Medium Risk:	Signifies practices that must be corrected. Timelines for compliance or agreement on alternate process determined during inspection.
Inform and Educate (I/E):	Provide information regarding best practices, mandatory legislated practice requirements etc. This may also include just-in-time education.

NOTE: These categorizations represent the minimum risk level. Based on good judgement and circumstance, public health units may increase the risk category.



Checklist for Reprocessing of Medical Equipment/Devices in Clinical Office Practice

When to use this document: This checklist was developed as a tool to assist public health units and others during IPAC lapse investigations and can be used to conduct inspections, audits and reviews of IPAC programs.

Disclaimer: Public Health Ontario (PHO) has developed this *Checklist for Reprocessing of Medical Equipment/Devices in Clinical Office Practice* and its content, based on the Provincial Infectious Disease Advisory Committee's (PIDAC's) [Infection Prevention and Control for Clinical Office Practice, June 2013](#). This document is intended to support a review or audit of public health practices and does not replace best clinical practices or legislative requirements. PHO is not responsible for any losses or damages arising from the use of this document or its contents, including for any purposes to inform any decision or determination, clinical or otherwise, regarding inspections, findings, outcomes or recommendations.

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NOTE: These categorizations represent the minimum risk level. Based on good judgement and circumstance, public health units may increase the risk category.

PHO Checklist- CORE Elements

1. Lack of IPAC policy and procedures
2. Medication preparation counter shared with instrument cleaning/disinfection
3. Non-critical items not being cleaned and disinfected between patient use (e.g., blood pressure cuff, stethoscope)
4. No safety engineered needles

PHO Checklist- CORE Elements

5. Multi-dose vials – past expiration date (B12, Lidocaine)
6. Furniture – absorbent material; torn

PHO Checklist - Reprocessing

1. Lack of training/education in reprocessing area
2. Lack of policies and procedures
3. Missing or incomplete Biological &/or Chemical Indicators
4. No records for physical parameters

PHO Checklist-Reprocessing

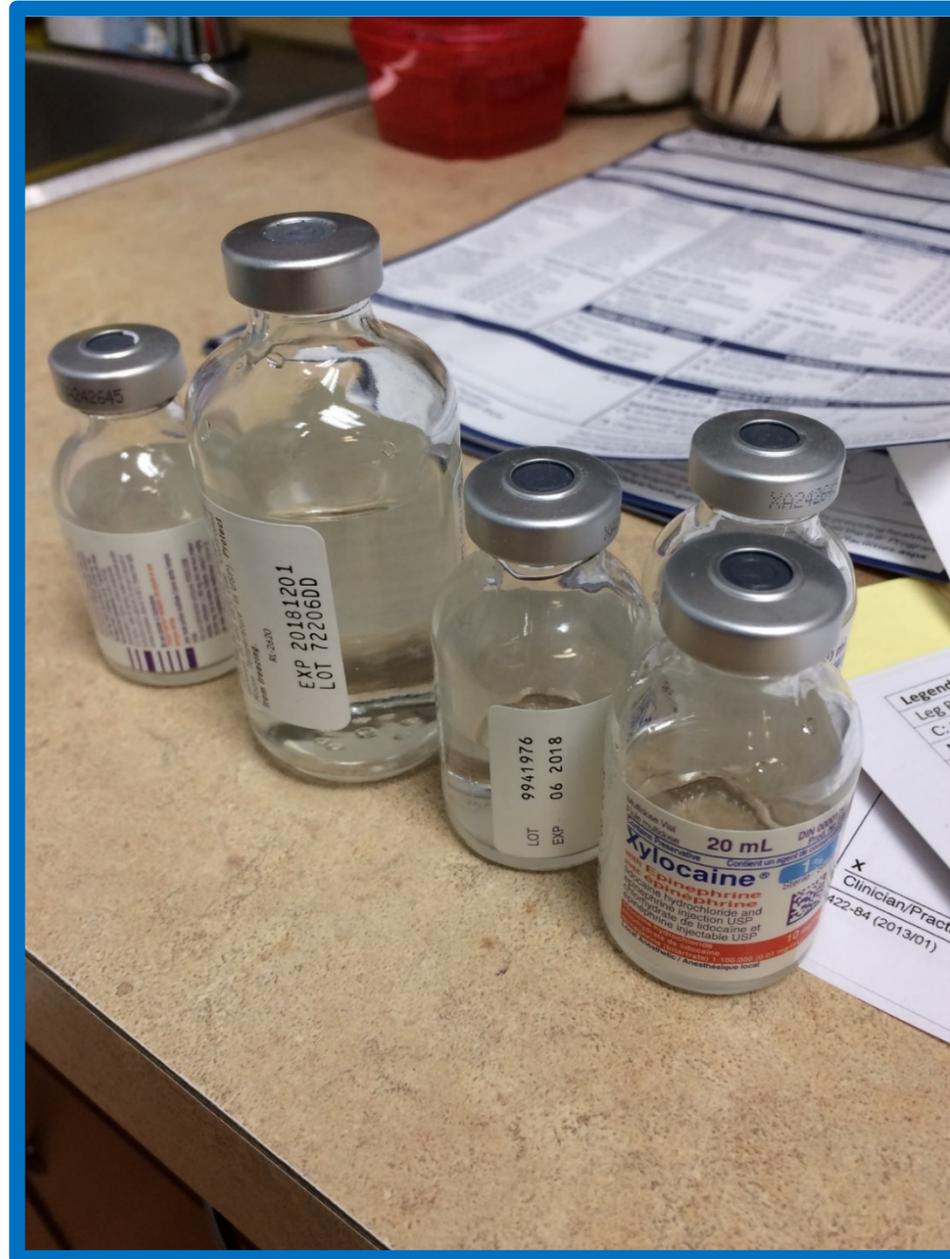
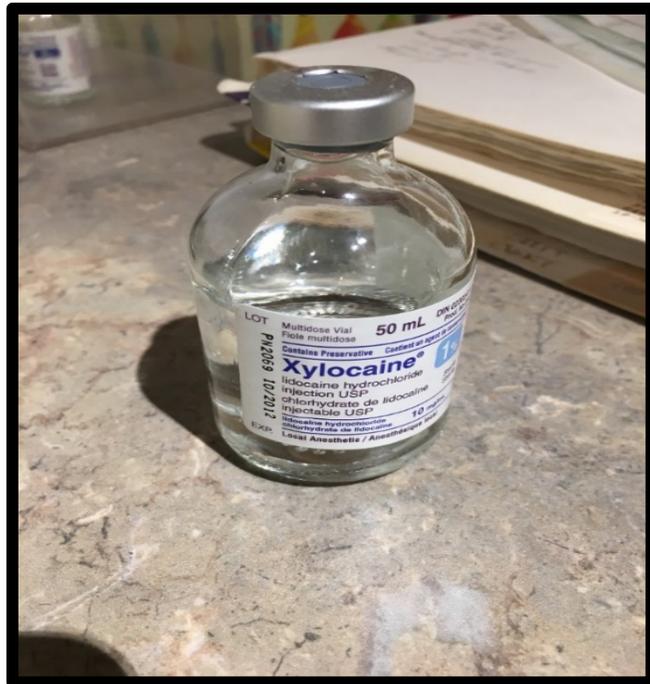
5. Instruments/items not packaged appropriately (e.g., hinged devices in closed position, too many tools in package)
6. No alcohol based hand rub or dedicated hand washing sink in reprocessing area
7. No personal protective equipment available or worn during reprocessing

Reception/Waiting Area





Multi-dose Vials

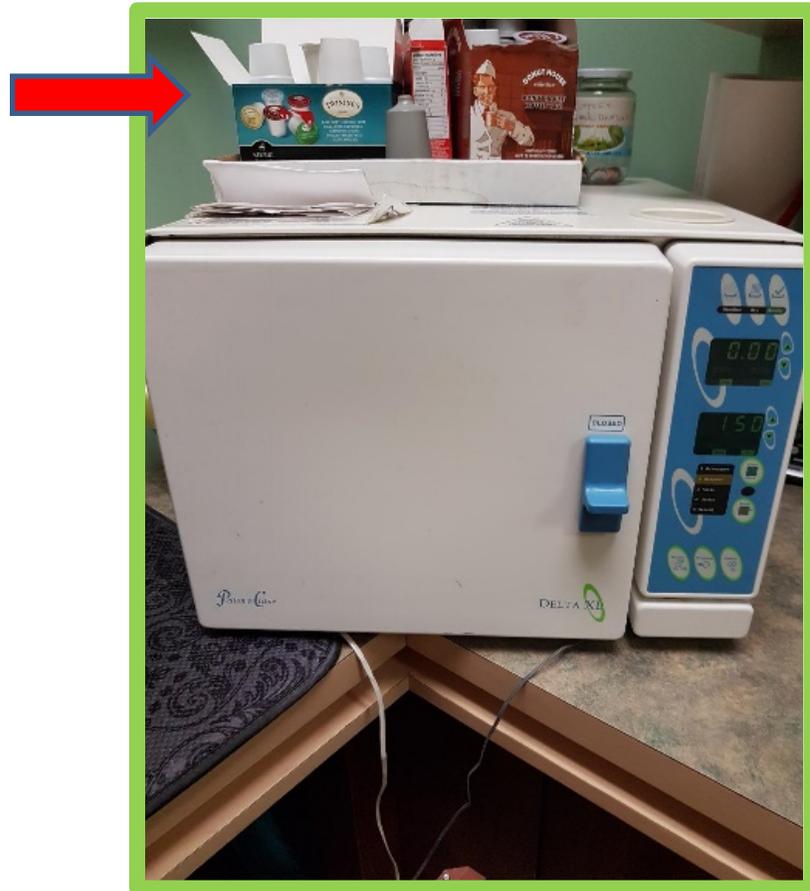


Glucometer-Lancing Devices

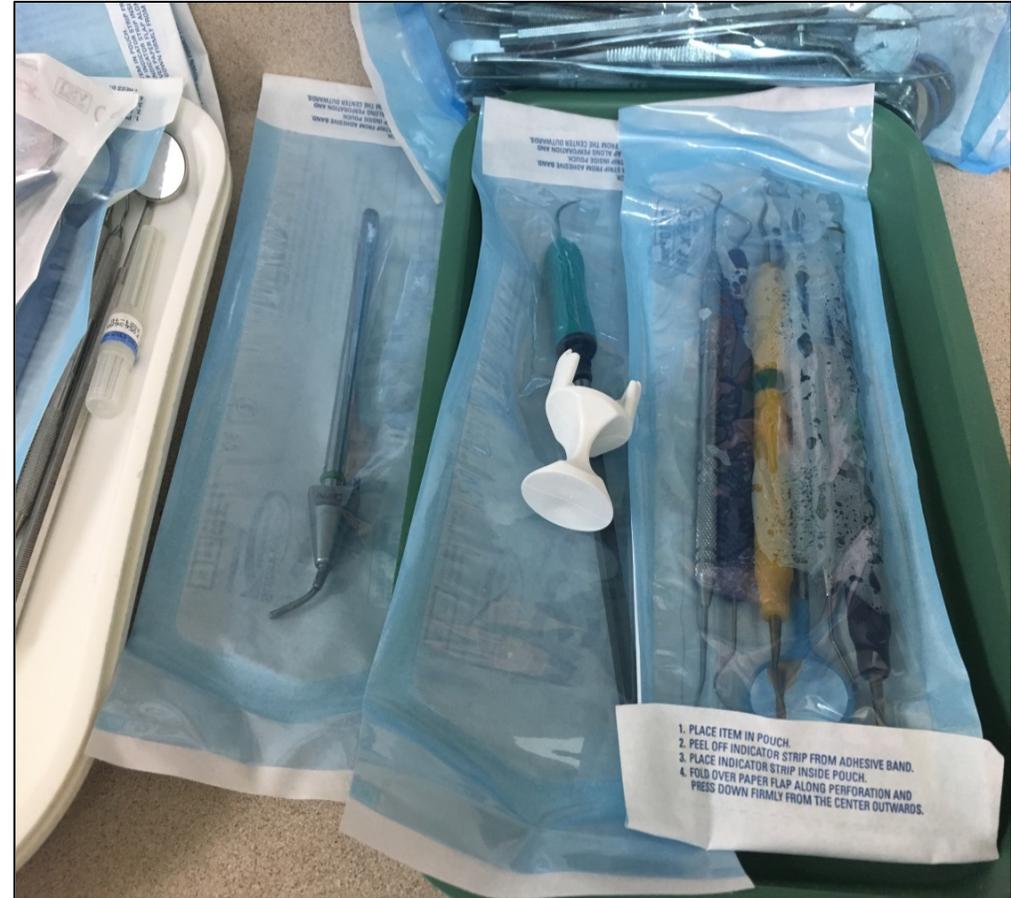
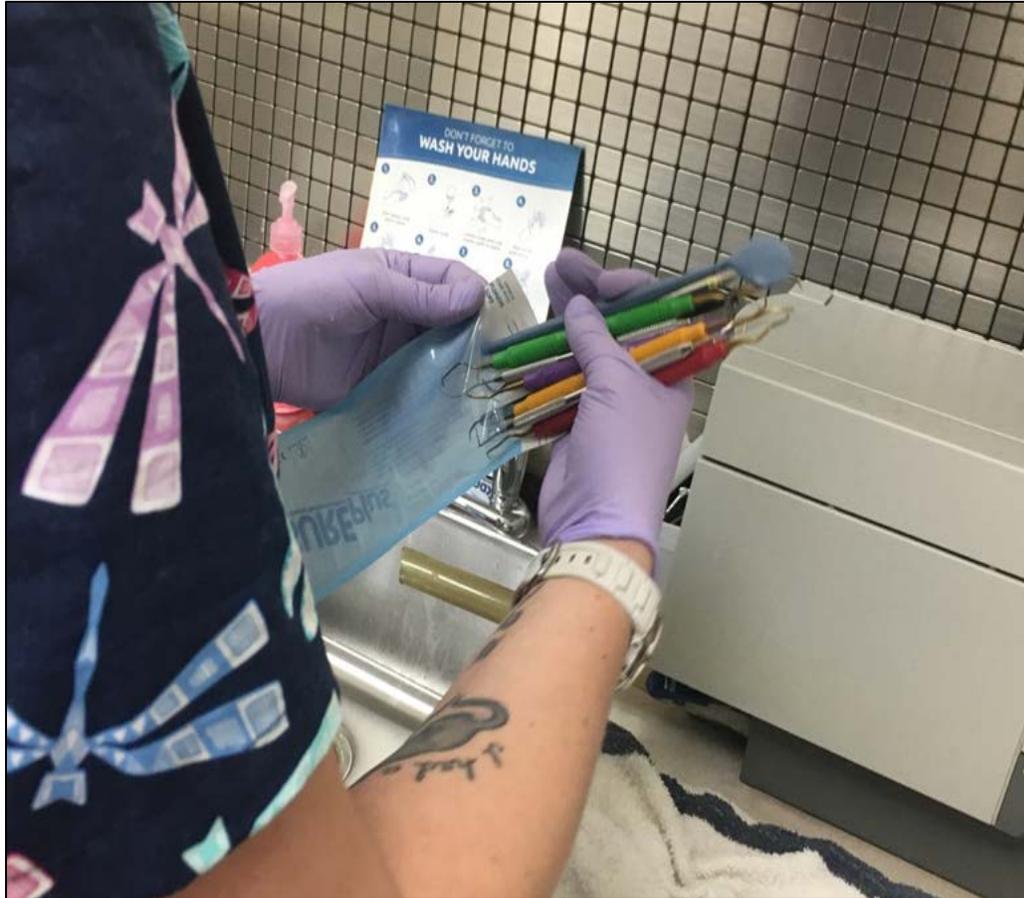


A screenshot of the CTV News website. The top navigation bar includes 'CTV NEWS' and various categories like 'Video', 'Shows', 'Canada', 'World', 'Politics', 'Entertainment', 'Sci-Tech', 'Health', 'Autos', 'Business', and 'Sports'. The main header features the word 'Health' in large white letters on a blue background. Below this is a navigation menu with 'HOME', 'HEADLINES', 'DIET AND NUTRITION', 'FITNESS', 'BODY AND MIND', and 'LIFESTYLE'. An advertisement for 'DAVID SKLAR & ASSOCIATES INC.' is visible, along with a green banner for 'GET OUT OF DEBT!' featuring a 5-star rating and '400+ POSITIVE REVIEWS ON TRUSTPILOT'. The main article headline reads 'One needle used for up to 30 people at Toronto health fair'. Below the headline is a video player showing a person's hands using a lancing device. To the right of the video is a text snippet: 'Needle lancet 'mistakenly reused,' TPH says' followed by a small video thumbnail and the text: 'Toronto Public Health confirmed a needle lancet was re-used multiple times during a blood sugar testing at a Health Fair in Scarborough.'

Reprocessing Area



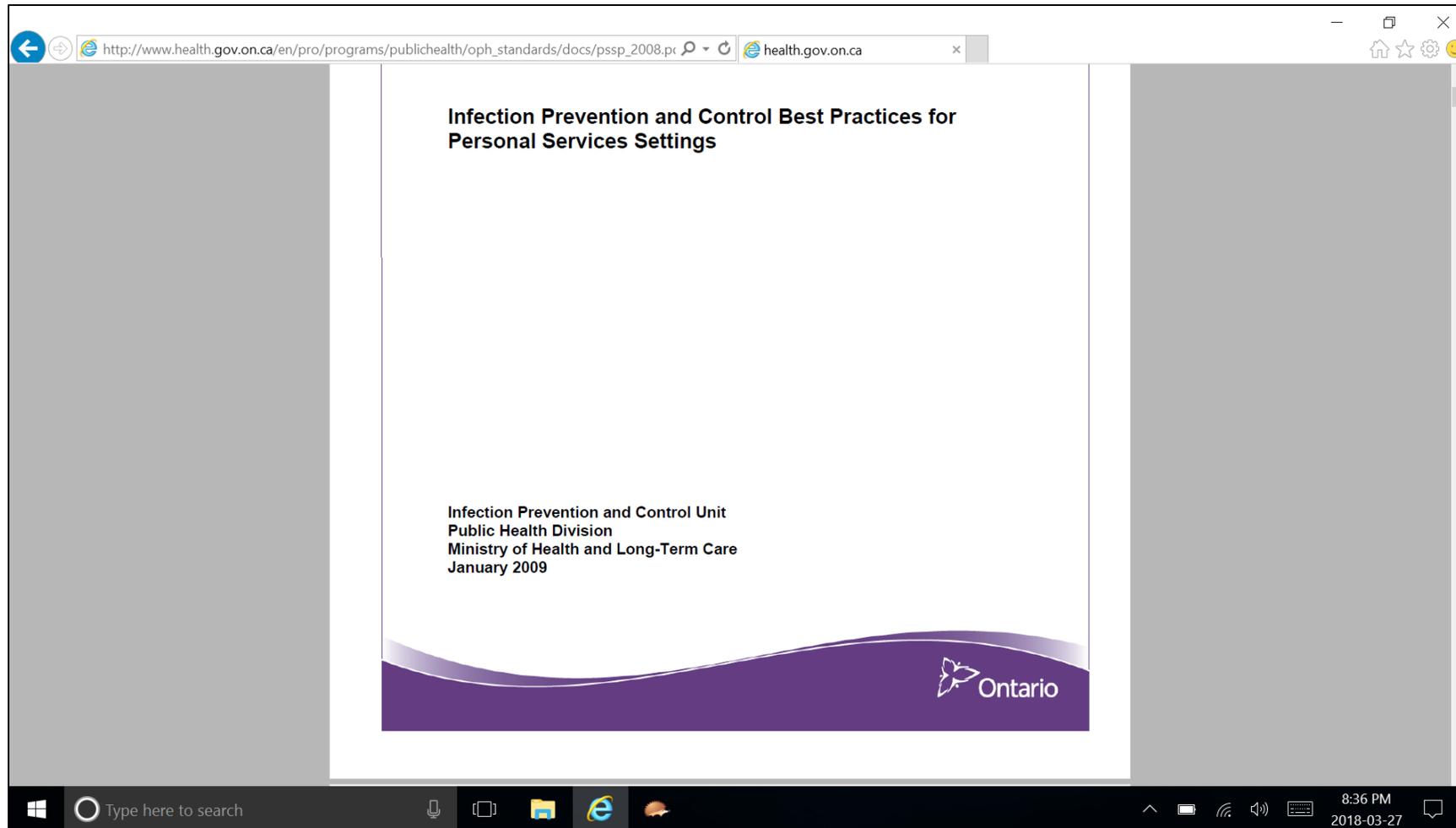
What's Wrong In This Picture?







Personal Service Settings (PSS)





19.07.2017 14:48



2017.08.14 14:24



19.07.2017 14:51







membranes during use but do not usually penetrate normally sterile areas of the body such as respiratory equipment, and surgical mirrors. Thoroughly clean the medical instruments and equipment mechanically or manually with an appropriate cleaning solution. Rinse and dry objects before immersion in Accel CS 20 solution. Place pre-cleaned, rinsed and dried instruments and devices in solution of undiluted Accel CS 20. Allow to soak for at least 20 minutes at 20° C. Rinse with sterile or potable tap water. Accel CS 20 may not be suitable for all instruments. **SEE NOTICE TO USER.**

REUSE PERIOD FOR DISINFECTION: Accel CS 20 solution has demonstrated disinfectant activity in the presence of organic soil contamination and microbial burden during reuse. The Hydrogen Peroxide concentration of Accel CS 20 solution during its use life can be verified by the 7% Hydrogen Peroxide Test Kit or Test Strips (Test Kit Part No. K-5500C, Test Strip Part No. AHP7). Accel CS 20 may be used and reused for up to a maximum of 14 days provided the 7% hydrogen peroxide test kit indicates a pass. The unused Accel CS 20 solution in its original packaging is good for 12 months from the date of manufacture.

DISPOSAL: Triple rinse the container with water. Dispose of the container in accordance with federal, provincial and municipal requirements. Do not re-use the empty container. For information on the disposal of unused, unwanted product and the clean up of spills, contact the local waste management office or the manufacturer for guidance.

NOTICE TO USER: Please ensure the instruments, equipment or device material to be disinfected is compatible with Accel CS 20. Compatible materials include acrylic, silicone rubber, low and high density plastic, stainless steel and mild steel instruments (check the Compatibility section on www.wirol.com for a list of compatible materials). Accel CS 20 is contraindicated for use on copper, brass, carbon tipped devices and anodized aluminum. If you are uncertain as to material composition of your item, confirm with the manufacturer before proceeding. Accel CS 20 is not intended for use on flexible endoscopes.

READ M.S.D.S. BEFORE USING PRODUCT.
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Disclosure - www.niagararegion.ca

Inspection Results by Program Area



Team Niagara-Practice Makes Perfect

- Internal Audits (Dental Program, Vaccine Preventable Division, Breastfeeding, Mental Health, Sexual Health, School Based Vaccine & Dental Programs, Outreach Program)
- PHO Checklists completed for each audit and reviewed with Managers/Directors of each PH Program and recommendations provided
- January 2018-All PH staff are completing PHO modules and this will be captured through our Learning Management System
- IPAC specific corporate, departmental, divisional and program policies & procedures are being revised

Coaches & Trainers

The screenshot shows the Public Health Ontario website. At the top right, there are 'LOGIN' and 'REGISTER' buttons. Below them are links for 'CONTACT US', 'NEWSROOM', 'CAREERS', 'PRIVACY', 'DATA', and 'FRANÇAIS'. A search bar is located to the right of these links. The main navigation bar includes 'ABOUT US', 'BROWSE BY TOPIC', 'SERVICES & TOOLS', 'DATA & ANALYTICS', and 'LEARNING & DEVELOPMENT'. Below this is an alphabetical index from 'INDEX' to 'Z'. The main content area features a large image of petri dishes with a red agar medium. Below the image is a banner for 'NEW ONLINE LEARNING! Clostridium difficile Infection (CDI) case scenarios >'. To the right is a 'BLOG' section with a post titled 'Five things we learned about nutrition in 2017' and a 'PHO profile: Justin Thielman'. Below the blog is a 'See all posts >' link. At the bottom, there are three columns: 'FIND IT FAST' with links to 'Data Reports', 'Just Clean Your Hands', 'Laboratories', 'PIDAC', and 'Locally Driven Collaborative Projects'; 'FEATURED' with links to 'Interactive Opioid Tool (Updated data)', 'Resources and FAQs for preventing IPAC Lapses', and 'Monthly ... Diseases Surveillance Report'; and 'HOT TOPICS' with links to 'Alcohol mixed with energy drinks', 'Invasive Group A Streptococcus (IGAS)', 'Salmonellosis', 'Tuberculosis (TB)', and 'Mumps'. At the bottom right, there is an 'UPCOMING EVENTS' section with a link to 'View and register for events' and a logo for 'The Ontario Public Health Convention'.



IPAC Starts With You!!!!



The Infection Stops Here

