



City of Hamilton

HEALTHY AND SAFE COMMUNITIES COMMITTEE ADDENDUM

Meeting #: 18-009
Date: September 10, 2018
Time: 1:30 p.m.
Location: Council Chambers, Hamilton City Hall
71 Main Street West

Lisa Chamberlain, Legislative Coordinator (905) 546-2424 ext. 2729

Pages

7. STAFF PRESENTATIONS

7.1 Proposal for Oral Health Program Enhancements (HSC18045) (City Wide)

*7.1.a Presentation Document

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11. GENERAL INFORMATION / OTHER BUSINESS

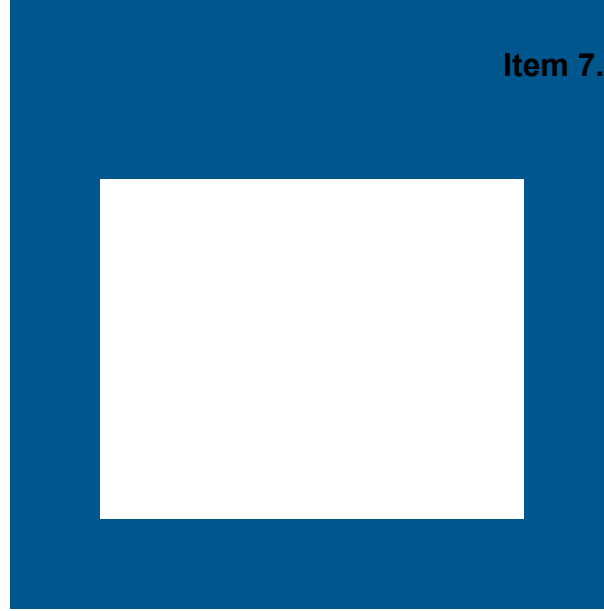
11.1 Outstanding Business List

11.1.b Items Requiring a New Due Date

*11.1.b.a Additional Items Requiring a New Due Date
WW - Requiring the City of Hamilton to be More Accessible to the Hearing Impaired
Current Due Date: TBD
Proposed New Due Date: December 17, 2018

12. PRIVATE AND CONFIDENTIAL

*12.1 Labour Relations - Litigation Update (No Copy)
Pursuant to Section 8.1, Sub-section (d) of the City's Procedural By-law 14-300, and Section 239(2), Sub-section (d) of the *Ontario Municipal Act*, 2001, as amended, as the subject matter pertains to labour relations or employee negotiations.



PROPOSAL FOR ORAL HEALTH PROGRAM ENHANCEMENT

September 10, 2018

Healthy & Safe Communities Committee

Proposal for Oral Health Program Enhancements

Background:

Opportunity for grant dollars

Funder interest in investing to improve oral health and mental health

Priority enhancements determined with community foundation and based on local data, needs and impact



Proposal for Oral Health Program Enhancements

Local Context and Evidence:

IT'S ALL CONNECTED

The health of the mouth influences other aspects of health—and vice versa.

THE MENTAL HEALTH — MOUTH-HEALTH CONNECTION

Any serious or chronic pain issue can hamper mental health and daily life. If there is a painful injury or illness in the mouth, it's likely to get in the way of normal functions like smiling, eating, or talking — and also take a toll on mood.¹

THE FAMILY HEALTH — MOUTH-HEALTH CONNECTION

Babies naturally pick up bacteria from their surroundings that builds the immune system. Families with healthy mouths pass on helpful bacteria to babies, but if there is untreated oral disease in the family, infants can be exposed to the germs that cause cavities.²

THE MEDICINE — MOUTH-HEALTH CONNECTION

Some medications — like decongestants, antihistamines, or painkillers — can cause a dry mouth. Because saliva protects the mouth from the harmful bacteria that cause cavities and gum disease, the dry mouth "side effect" is one way that issues in other parts of the body influence oral health.³

THE IMMUNE SYSTEM — MOUTH-HEALTH CONNECTION

Because the mouth is an important part of the immune system, a healthy mouth boosts the body's ability to protect against disease. Auto-immune diseases, like Celiac disease or lupus, can cause swelling in the mouth. In turn, inflammation can set off other health problems.⁴

THE VITAL ORGAN — MOUTH-HEALTH CONNECTION

Endocarditis, a heart infection, is often caused when bacteria from another part of the body gets into the bloodstream and spreads to the heart. It is also possible for infections in the mouth to spread to the brain. This is why gum disease is a serious infection that shouldn't be ignored.⁵

THE DIABETES — MOUTH-HEALTH CONNECTION

Diabetes can harm the mouth, and problems in the mouth make it harder to control diabetes. Uncontrolled blood sugar can cause swollen gums, which disrupts the mouth's natural defenses and makes cavities more likely. That's why oral health care is an important part of diabetes management.⁶

It's all connected!

A practical approach to health includes oral health in planning, policy, and practices.

1. American Pain Society. 2007. "Activity pattern profiles: Relationship with affect, daily functioning, impairment, and satisfaction in life goals." 2. PLoS Biology. 2013. "From Kibera's slum, the University of Nairobi Microbial Transmission." 3. First Choice. 2016. "Oral health: a window to your overall health." 4. Harvard Medical School HealthWatch. 5. Journal of the American Dental Association. 2004. "Poor oral hygiene as a risk factor for infective endocarditis." 6. American Diabetes Association. 2014. "Diabetes and oral health problems."

ORAL HEALTH

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Hamilton

Poor oral health is linked to:

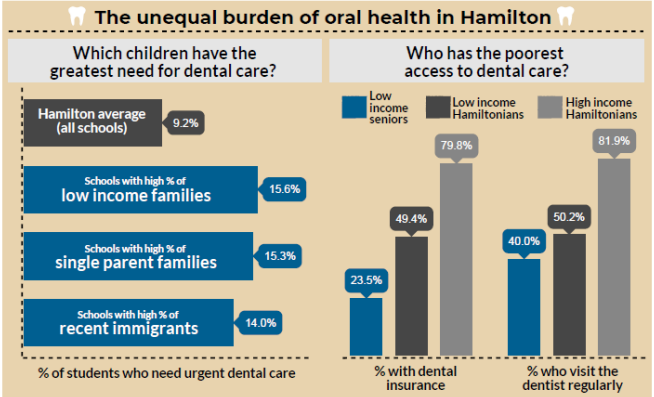
- Psycho-social well-being
- Respiratory disease
- Heart disease
- Malnutrition

Oral health problems are common in Hamilton, but preventable!

- 42% of Grade 2 students have a history of tooth decay
- 2 in 3 youth had oral or facial pain or discomfort in the past year
- 312 Hamiltonians had day surgery to correct an oral health issue (2016)

Oral health care is inaccessible to many Hamiltonians

- 185,000 Hamiltonians have no dental insurance
- 1,500 Hamiltonians went to the ER for dental care (2016)* "Rising trend for children & seniors"
- 8,000 Eligible Hamilton children are not enrolled for publicly-funded dental services
- 1,965 Adults & seniors received care from Hamilton's Dental Health Bus in 2016*



Local Context

Current Services:

- Emergency dental and denture treatment through Ontario Works
- Partial denture coverage for low-income residents
- Limited capacity on Healthy Families Dental Health Bus
- Limited pro bono work

Current Opportunities:

- Expanded dental and denture treatment for Ontario Works' clients, including access to preventative oral health care
- Enhanced denture coverage for low-income seniors
- Increased capacity on the Dental Health Bus
- Increased collaboration with community partners

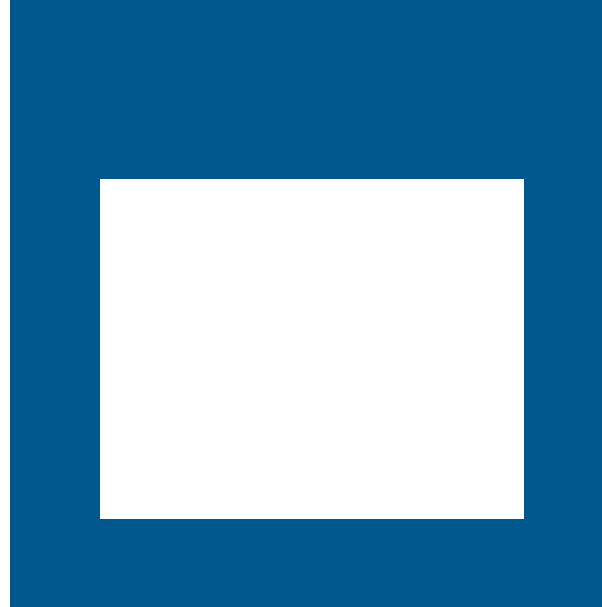
Proposal for Oral Health Program Enhancements

The proposed enhancements include:

- Increase access to dental services on the Dental Health Bus (350 clients/year)
- Initiate a “Smile with Confidence” pilot program with Ontario Works clients (100 clients/year)
- Enhance supplemental denture coverage for eligible low-income seniors (100 clients/year)
- Increase access to grant dollars for community partners and grassroots programs
- Endowment with the Hamilton Community Foundation for future investment
- Evaluate of impact of enhancements

Recommendations:

- a) That the General Manager of the Healthy and Safe Communities Department, or his designate, be authorized to accept the Proposal for Oral Health Program Enhancements, with funding in the amount of \$1,000,000 for the period 2018 – 2021 from Hamilton Community Foundation;
- b) That the General Manager of the Healthy and Safe Communities Department, or his designate, be authorized execute the Investment Plan Agreement between the City of Hamilton and the Hamilton Community Foundation, in a form satisfactory to the City Solicitor; and,
- (c) That the Public Health Services - Healthy Families Division Dental Bus program complement be increased by a 0.2 full-time equivalent Dentist and 0.2 full-time equivalent Dental Assistant during the length of the investment (2018-2021). This agreement would include the reporting requirements for the funds.



QUESTIONS?