

TORONTO
Public Health

Obesity Prevention: Using Evidence to Shape Practice Change

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Agenda

- Background
- Purpose
- Methods
- Measures
- Results
- Discussion



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Background

Best Practice Spotlight Organization

- TPH was selected by RNAO to implement and evaluate Best Practice Guidelines (BPG's)
- Primary Prevention of Childhood Obesity BPG was one of five guidelines selected



RNAO Registered Nurses' Association of Ontario
L'Association des infirmières et infirmiers autorisés de l'Ontario

TORONTO Public Health | **Background**

RNAO BPG Recommendations

9.0 Nurses promote a decrease in sedentary activities with emphasis on reducing the amount of time clients spend watching TV, playing video games, and engaging in recreational computer use.



TORONTO Public Health | **Background**

True or False?

In Canada, 14.2% of 2-5 year olds are overweight or obese.

FALSE

21.5% of 2-5 year olds are overweight or obese

27% of Canadian children aged 2-3 and 22% aged 4-5 are watching more than 2 hours of TV per day.

TRUE



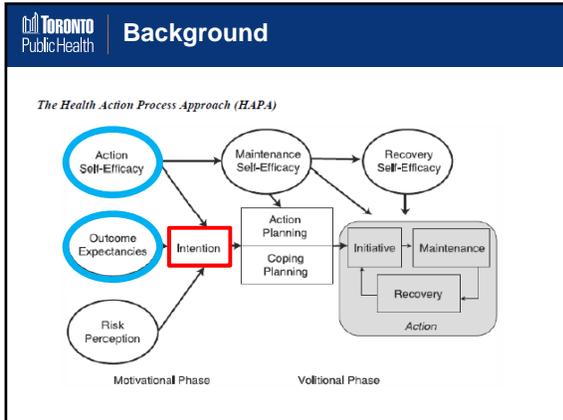
TORONTO Public Health | **Background**

Screen time (ST) is thought to affect body weight by:

1. Competing with time spent being active
2. Leading to consumption of advertised foods and to overeating
3. Decreasing resting metabolic rate

Critical to engage and support families early in children's lifespan



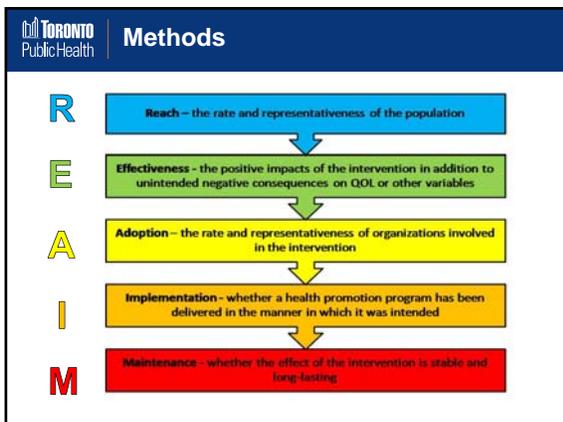


TORONTO Public Health | Purpose

The purpose of the evaluation was to:

- Determine the **FEASIBILITY** of implementing a ST reduction initiative;
- Measure parent attitudes towards decreasing their child's ST behaviours (**SELF-EFFICACY & OUTCOME EXPECTATIONS**); and
- Measure parent-reported **ST BEHAVIORS** of their pre-school children.





Toronto Public Health | **Methods**

8-week pilot:

- Nobody's Perfect parenting program
- ST reduction & awareness activities
- Public Health Nurse facilitated
(e.g.) pros and cons, goal setting

Nobody's Perfect

Picture taken from <http://www.nobodysperfect.ca/uploads/PaperCommentDocuments/News%20Structure%20-%20FINAL%20E.pdf>

Toronto Public Health | **Measures**

Measured:

- Self-efficacy
- Outcome expectations
- ST logs
- PHN de-briefing

Effectiveness
Maintenance

Reach
Adoption
Implementation

Toronto Public Health | **Methods**

Weeks 1 and 8

Code: _____
Date: _____

Nobody's Perfect

Instructions: Put a checkmark (✓) in the box that applies to you.

I feel confident that I can decrease TV time for my child even when:

	Not Confident	1	2	3	4	5	Very Confident
1) My child is sad or angry							
2) It is bad weather							
3) Other family members encourage a lot of TV time							
4) I feel tired							

Instructions: Put a checkmark (✓) in the box that applies to you.

If I change how much TV time my child has then I believe:

	Do not believe	1	2	3	4	5	Believe
1) My child will be more physically active							
2) My child will be bored							
3) I will have more time to bond with my child							
4) I would be more stressed							

Thank you for completing this evaluation!

TORONTO Public Health | **Methods**

Colin: _____
Date: _____

TV Time and Pre-School Children 

1) How long did your child watch TV for yesterday? (circle 1 answer)

No TV 30 minutes or fewer 30-60 minutes 60-90 minutes 90 minutes or more

2) What types of TV did they watch? (circle 1 or more answers)

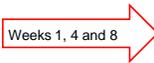
Cartoons Educational TV 30-minute show Movie Unaired

3) How long was the TV left on with no one watching yesterday? (circle 1 answer)

No background TV 30 minutes or fewer 30-60 minutes 60-90 minutes 90 minutes or more

4) When the TV was on with no one watching, what shows were on? (circle 1 or more answers)

Cartoons Educational TV 30-minute show Movie News Unaired

Weeks 1, 4 and 8 

TORONTO Public Health | **Results**

Reach

- One Nobody's Perfect program so far
- Participant profile: culturally diverse, mixed-income

Implementation

- 5/8 (63%) of sessions included a ST activity
- Activities were founded in the HAPA model and encouraged group discussion

TORONTO Public Health | **Results**

Effectiveness/Maintenance

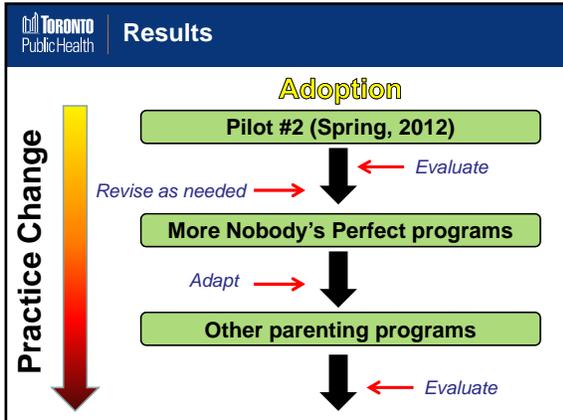
Screens are everywhere in society.

I use TV because I don't know how to play with my child.

I feel guilty for using TV as a babysitter, but sometimes I am tired and need to get stuff done.

I notice my child slouching after watching TV.

If you sit with your child and talk about the TV program then it's more meaningful.



Toronto Public Health | Discussion

- Limited research
 - Prior research focused on:
 - Children only
 - Developing skills for daycare service providers
- Challenges
- Best strategy?
 - Multi-level coordinated effort

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Thank you!

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