

Healthy Smile Happy Child

The Manitoba Partnership for the Prevention
of Early Childhood Tooth Decay

REPORT ON ACTIVITIES

August — November 2017

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Preamble

Healthy Smile Happy Child (HSHC) is an intersectoral, collaborative partnership that takes an upstream community development approach to engage communities in Early Childhood Caries (ECC) prevention strategies and promotion of early childhood oral health. ECC, also known as early childhood tooth decay or cavities, is a destructive, yet preventable, form of tooth decay in young children, particularly those living in disadvantaged populations. Manitoba experiences excessive demand and wait times for pediatric dental surgery under general anesthesia. This burden and the need for effective prevention and sustainable oral health promotion strategies led to the development of the HSHC partnership.

Key objectives of the HSHC project have been to 1) gain community acceptance of the importance of the issue of ECC, 2) build on existing programs which target young children, 3) increase parental knowledge of ECC prevention, 4) increase knowledge of existing service and health providers of the importance of prevention, and 5) encourage existing service and health providers to incorporate prevention activities into their practice.



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Northern Regional Health Authority

Northern has been ensuring that toothbrushes are available at all flu clinics for individuals to take home with them.

The Public Health dietitian continues to provide regular presentations in the community using the HSHC Sugar Shocker resource.

Southern Health – Santé Sud

The region continues to ensure oral health displays are present at all pre-school fairs.

Prairie Mountain Health

On August 8th an oral health presentation was provided for twelve participants at a Healthy Baby group in Virden.

Newcomers at Westman Immigrant Services in Brandon, were invited to a “Welcome to Brandon” presentation on Dental Health in Canada on August 17th and September 14th. Participants were from India, Eritrea, China, El Salvador and Syria.

In Dauphin, Public Health continues to distribute baby toothbrushes and HSHC resources in post-partum packages given to new mothers.

In Waterhen, the primary health care centre continues to share oral health information with new mothers using the HSHC flip chart and other HSHC resources such as, “Think about Baby’s Teeth”, “Lift the Lip” and the 2-month, 6-month, and 1-year oral health pamphlets.

The community nutritionist with Health Promotion in Brandon and the Healthy Living Facilitator in Dauphin requested resources to inform the public about fluoride in water. The Oral Health Dental Consultant for Manitoba Health, Seniors and Active Living (**MHSAL**) provided some very



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good resources from MHSAL, the Canadian Dental Hygienists Association (**CDHA**) and the Manitoba Dental Association (**MDA**) for HSHC to share.



Interlake – Eastern Regional Health Authority

Sharon Mitchell, a staff person with the Canada Prenatal Nutrition Program (**CPNP**) in Poplar River conducted an oral health workshop for young children in November, using resources from HSHC.



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Winnipeg Regional Health Authority

The Wellness Institute at Seven Oaks General Hospital runs a children's camp, the "Medical Masters", during the summer months. For the third year in a row, the Director of Community Services at the institute contacted HSHC to request oral health sessions for the camp. HSHC STEP students and the HSHC coordinator presented to two groups of children aged 8-12 years, once on July 17th and one on August 14th. A total of 40 children participated in the sessions. The "Sugar Shocker" game and "Egg Speriment" were teaching tools used while playing with the children.

The North End Community Renewal Corporation held their annual "Picnic in the Park" on August 19th. HSHC team members



Medical Masters



Picnic in the Park



Inkster School Readiness Fair

and volunteers set up a display at the event with games such as "The Sugar Shocker" and "Wheel of Smiles".

On August 24th HSHC STEP students and volunteers attended the Inkster School "Readiness Fair" at Weston Memorial

Community Centre. HSHC had a display where approximately fifty children and their families received HSHC educational resources and toothbrushes and played the "Wheel of Smiles".



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The Manitoba Metis Federation held their Annual General Meeting at Assiniboia Downs in Winnipeg, September 22-24. Winnipeg Regional Health Authority Indigenous Health had a booth at the event and displayed HSHC resources.



Growing & Learning Together Fair
at Lavallee School

On October 12th, 2017, HSHC attended the Growing and Learning Together Fair at Lavallee School.

Approximately 50 children attended and received a gift bag containing a toothbrush and toothpaste. The children had fun spinning the “wheel of smiles” and brushing HSHC’s puppet’s teeth.



In November, a public health nurse in the Fort Garry community requested resources from HSHC related to children’s dental health for a newcomer parents event in one of the schools in Fort Garry. Copies of the HSHC newcomer resource, “Caring for Children’s Teeth” were delivered to them for the event.



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Bonnycastle School Preschool Fair

The Community Facilitator for South Winnipeg invited HSHC to participate in a preschool fair at Bonnycastle School in the Pembina Trails School Division on November 7th. Two dentistry students volunteered to come and help the HSHC coordinator at the event, helping children brush the toothbrushing puppets' teeth and spinning the "Wheel of Smiles".



Other Provinces/North America

The Alliance for a Cavity Free Future

The Alliance for a Cavity-Free Future (ACFF) is a worldwide group of experts who have joined together to promote action in order to stop caries initiation and progression in order to move towards a Cavity-Free Future for all age groups.

October 14, 2017 was ACFF's World Cavity Free Future Day (WCFFD). WCFFD was launched to engage communities around the world in making social, economic and political changes to encourage action towards achieving a cavity-free future. Stakeholders were encouraged to promote using resources created by ACFF. HSHC promoted WCFFD in the following ways:



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Community Promotion

- Posters (Colgate Infographics) were put up around University of Manitoba Bannatyne, JBRC elevators, Mount Carmel, and Access Downtown
- Posters created by third year Dental Hygiene students to use at Community fairs
- Participated at the Lavallee School for the Growing and Learning Together Fair



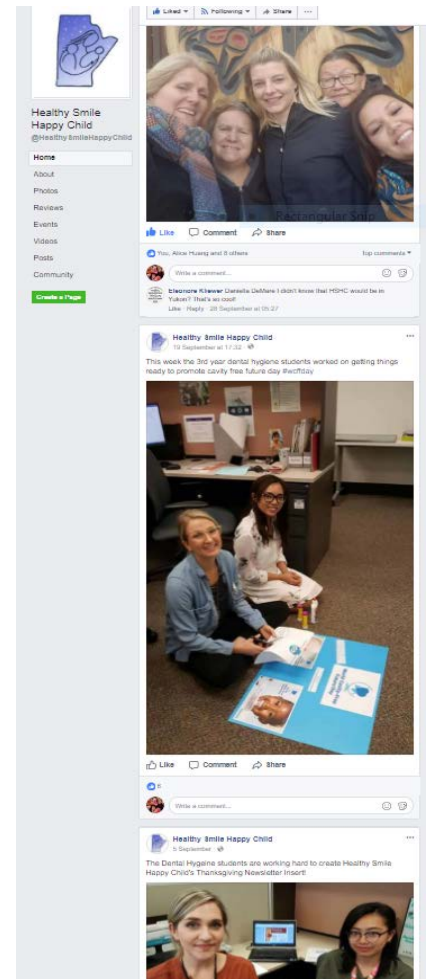
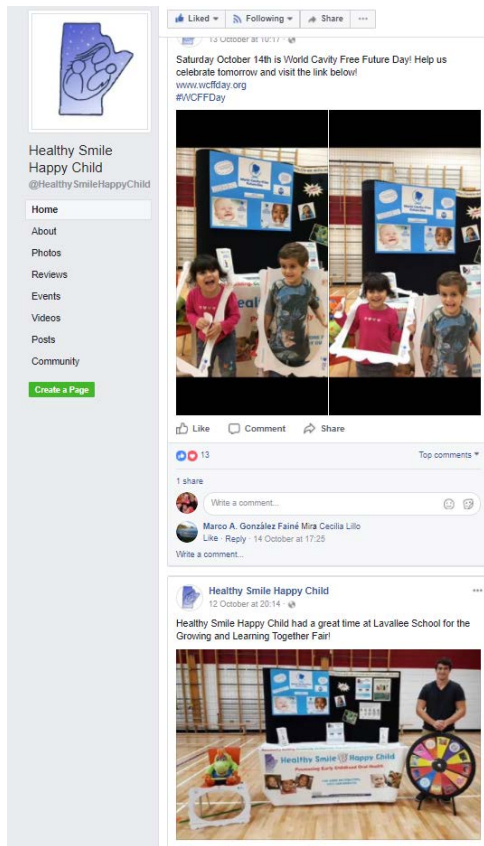
Social Media

- MDA sent emails promoting WCFFD to approximately 2250 dental offices as a separate weekly update
- Facebook posts done through HSHC pages promoting WCFFD – Included pictures of events (e.g. school fairs) and linked to official website (www.wcffday.org)
 - Combined likes on Facebook posts: 80



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Provincial HSHC Partnership Activities

HSCH Intersectoral Dental Health Promotion Group Meetings

Meetings took place on August 3rd and November 9th.



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Pearly Whites

Regular requests for Pearly Whites kits have continued to be received from Health Sciences Children's Hospital. HSHC provided the following:

August 25 – 5th Floor Children's Hospital

September 14 – 4th Floor Children's Hospital

October 3 – 3rd Floor/Day Surgery for 0-3 years and 3-6 years Children's Hospital

November 15 – 3rd Floor/Day Surgery for 0-3 years and 3-6 years Children's Hospital

Telehealth

On September 14, 2017 HSHC held their 20th telehealth education session, "Current Research Activities on Early Childhood Oral Health".

Dr. Schroth presented in partnership with Dr. Cameron Grant. Dr. Grant graduated from the University of Alberta in dentistry in 1996 and went on to

own his own practice for 13 years. Following that he worked in public health dentistry for 3 years, hospital dentistry for 1 year and is currently in his 3rd year of pediatric dentistry at the University of Manitoba.

Dr. Schroth and Dr. Grant presented on their current research projects including research on oral health related quality of life of preschoolers with severe caries, the nutritional status of children with severe early childhood caries (ECC), ECC in newcomer children and the use of Silver Diamine Fluoride (SDF) in the treatment of ECC.

YOU ARE INVITED TO THE 20th HEALTHY SMILE HAPPY CHILD MBTELEHEALTH PRESENTATION SERIES:

CURRENT RESEARCH ACTIVITIES ON EARLY CHILDHOOD ORAL HEALTH

An update on the following research activities will be presented:

- Impact of ECC on oral healthy quality of life
- Early childhood oral health impact scale in relation to the treatment of S-ECC in the operating room.
- Association between ECC and Nutritional Status
- Prevalence of ECC among newcomer children to Winnipeg
- New projects including SDF

Date: September 14, 2017
Time: 11:00 am—12:00 pm
Location: Your MBTelehealth Site or 777 John Buhler Research Centre, 715 McDermot Avenue
Presenters: Dr. Bob Schroth, Dr. Cameron Grant

APPROVED BY THE MANITOBA DENTAL ASSOCIATION FOR 1 CE CREDIT HOUR!



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Manitoba Dental Association

The “Laugh a Lot” comedy fundraiser in support of the Manitoba Dental Foundation (MDF) took place at the Burton Cummings Theatre on November 4, 2017. The event featured stand-up comedy performances.

During the event HSHC was presented with a cheque for \$7,500 from MDF to go towards activities that support ECC prevention strategies and promotion of early childhood oral health. A BIG thank you to the Manitoba Dental Association.

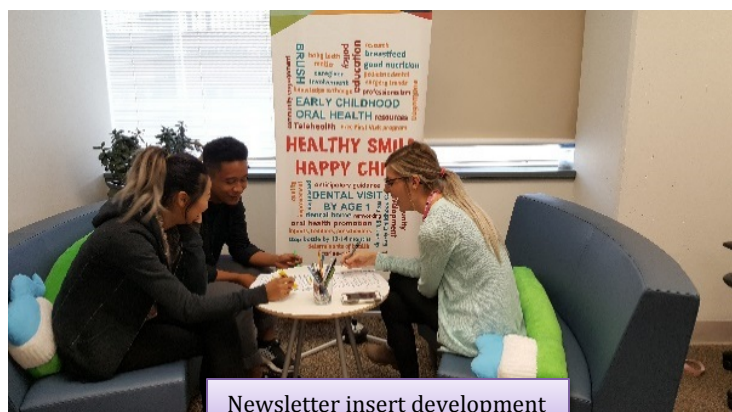


HSBC receiving a cheque from the MDF at the “Laugh a Lot” Fundraiser

Dental Hygiene Students

Beginning on August 29, 2017 third year dental hygiene students will spend one afternoon a week working with HSHC.

The students have been engaged in many different activities such as creating newsletter inserts, promoting WCCFD and developing a game for the Manitoba Dental Association’s 2018 Annual Convention: *All About the Team*, which will take place January 26th and 27th.



Newsletter insert development



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Preparing for the 2018 MDA convention



Preparing for the
World Cavity Free Future Day



The students also took part in a presentation to parents of young children at Marion School and Hastings School in the Louis Riel School Division of Winnipeg.



Oral health presentation at Marion
School Family Centre



Healthy babies presentation at
Hastings School's Family Centre



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Scaling up Healthy Smile Happy Child

The HSHC team continues to work on the new research project, *Scaling up Healthy Smile Happy Child*.

The purpose of this research project is to work with partners in the spirit of Reconciliation to: i) listen to and support traditional teachings regarding oral health, ii) identify policies and practices in Indigenous children's oral health which need changing and recommend new ones, and iii) adapt and assess the effectiveness and scalability of HSHC by investigating with our partners the acceptability, feasibility and effectiveness of learning from Indigenous ways, infusing and scaling-up of the HSHC initiative.

Two oral health promoters have been hired to this date, one in Winnipeg and another in Duck Bay.

On August 22nd the project coordinator attended the Manitoba First Nations Health Technicians Network (MFNHTF) meeting to share information on the study with Health Directors from First Nations communities in Manitoba.

The Canadian Institutes of Health Research (CIHR) held its Pathways Annual Gathering 2017 in Whitehorse from



September 24-27th. The Scaling up project was successful in applying for a

grant to take an elder and a youth from Duck Bay to participate in the gathering.



The research group for Scaling up met in November to move the project forward.

Dr. Robert Schroth and the project coordinator met with Tamanna Tiwari from the University of Colorado to discuss the use of the Basic Research Factors Questionnaire for Studying Early Childhood Caries and its possible use in the project.



STEP Student Contributions

- Attended Picnic in the Park at St. John's park
- Working on getting more resources on YouTube
- Presented at "Medical Matters" at the Wellness Institute at the Seven Oaks hospital,
- Tracking Facebook and Instagram pages
- Updated Intern Federal health resource sheet
- Creating a "Thumb Sucking/Soother use resource and a Toothpaste resources
- Replenished resources at Access, Norwest, Access downtown and Mount Carmel Clinic
- Created a HSHC YouTube video and uploaded the Lift the Lip video onto YouTube
- Attended Children's Fest in Selkirk, MB
- Delivered Pearly Whites kits to Children's Hospital in August, September and November.
- Created PowerPoint of Newcomer resource with audio voice-over
- Worked on Pediatric Dental Surgery report
- Attended a School Readiness fair on Aug 24 at Weston Memorial Community Centre
- Created PowerPoint slides for HSHC Research Telehealth presentation
- Put together PowerPoint slides for the Academic Half Day presentation
- Brought HSHC resources to the Manitoba Metis Federations Annual General Assembly.
- Helped 3rd year dental hygiene students complete Thanksgiving newsletter insert, which will be saved and used next year as well
- Helped promote World Cavity Free Future Day (posters, Facebook posts, MDA emails)

Feedback/Evaluation/Research

Publication:

The Oral Health of Preschool Children of Refugee and Immigrant Families in Manitoba in the Journal of Canadian Dentistry Association (Sept. 20, 2017)



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Funding received:

Healthy Smile Happy Child initiative. Manitoba Dental Foundation. \$7,500 (2017 Principal Applicants: R Schroth, D DeMaré, and the Healthy Smile Happy Child partnership).

Journal Publications:

El Azrak M, Huang A, Hai-Santiago K, Bertone M, DeMare D, **Schroth RJ***. The oral health of preschool children from newcomer families to Manitoba. J Can Dent Assoc. 2017 Jan;82:h9.
*corresponding author

Nicolae A, Levin L, Wong PD, Dave MG, Taras J, Mistry C, Ford-Jones EL, Wong M, **Schroth RJ**. Identification of Early Childhood Caries in Primary Care Settings. Pediatrics & Child Health. 2017, 1-5. doi: 10.1093/pch/pxx155

Deane S, **Schroth RJ**, Sharma A, Rodd C. Combined deficiencies of 25-hydroxyvitamin D and anemia in preschool children with severe early childhood caries: a case-control study. Pediatrics & Child Health. 2017, 1-6. Doi: 10.1093/pch/pxx150

Book Chapter:

Schroth RJ, Grant C. Chapter: Early Childhood Caries in Canada. In: A compendium on oral health of children around the world: early childhood caries. Nova Scotia Publishers, New York. 2017

Planning for Next Quarter (December 2017 - March 2018)

- Working on an oral health story book with SayITFirst Indigenous Language Revitalization
- MDA Convention
- “Super Dads = Super Kids Family Fun Day” at Bronx Park Community Centre