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For immediate release:

Collaboration on Improving Oral Health Services for Special Needs Adults

CHX Technologies (CHX), a Toronto pharmaceutical company, and the Dental Department of Mount Sinai Hospital (MSH) are collaborating, with the support of the Ontario Centres for Excellence, to evaluate more effective, affordable and painless preventive dental care for Special Needs adult patients.

Special Needs patients have physical, behavioral or developmental disabilities, and account for up to 15% of the Canadian adult population. Special Needs patients suffer inordinately from poor oral health, a condition which arises from an imbalance of bacteria in the dental plaque called oral dysbiosis. The surgical approach to dental care for Special Needs adults is commonly ineffective, expensive and often traumatic.

The CHX - MSH collaboration begins with an analysis of the dental costs and treatment outcomes of Special Needs patients attending MSH over the past 3 years. These historical costs and outcomes will then be compared to a new preventive approach to dental care going forward.

The historical analysis is planned for completion in early 2019. Thereafter, the new preventive strategies will begin.

These new prevention strategies involve silver diamine fluoride in combination with CHX's new drug, Prevora, a topical antiseptic tooth coating applied quickly and painlessly by the hygienist. Prevora is the only proven and approved preventive treatment for dental decay in high risk adults. Canadian adults at high risk of cavities and/or gum disease have avoided these chronic diseases for years when treated with Prevora.

This "before and after" study of changing oral healthcare practices in Special Needs adults is the first ever for this large segment of dental care. CHX and MSH both expect this study will influence the nature and delivery of oral healthcare services.