

TOPIC: Some clinical applications of research on saliva.

Abstract: The lecture will discuss some of the factors influencing the flow rate and composition of saliva, their relevance to the clearance of sugar from the mouth and the sensation of xerostomia. It will also discuss recent developments regarding components of saliva as biomarkers for genetic assessment, presence of various viruses, diseases such as cancer, and many drugs.

Learning Objectives: each attendee will gain an improved appreciation of the many roles of saliva in maintaining the oral health of their patients.

Bio: Dr. Colin Dawes has a long history with the University of Manitoba. He joined the Dental College in 1964 and is now Professor Emeritus. For 25 years, Dr. Dawes worked as a clinical dentist for Medical Services on two First Nations. His research has primarily been related to the role of saliva in oral health and the problems which ensue when salivary flow rate is reduced. He has received several awards for his research. From 1983-93, Dr. Dawes was the Editor of the Journal of Dental Research, the main dental research journal in the world. He has had published 161 peer-reviewed manuscripts in scientific journals and given 221 invited lectures on his research, in 27 different countries. In Sept 2018, he was made an Honorary Member of the University of Manitoba Dental Alumni Association.

