A critical aspect of every oral examination is the observation of all the oral mucosae. The goal is to identify any differences in the appearance of the tissues from what would normally be expected. When the difference is recognized a process should be initiated to further assess the observation and develop a plan to diagnose and manage the change. Traditionally, oral pathology has been taught in dental schools by presenting either clinical or histologic images linked to specific diagnoses and asking the student to recall these names. In clinical practice alterations in the oral soft and hard tissues rarely resemble the images from either dental school classes or oral pathology textbooks. The objective of this presentation is to guide the participants to develop an approach to recognize and manage oral soft tissue changes that can be incorporated into their daily clinical practice. This approach builds on a dentist’s strengths resulting from their clinical care of patients to provide a more comprehensive strategy to develop a differential diagnosis. The potential to support a private practitioner’s patient care through applications of Teledentistry are included.

The course will use images from actual clinical cases that have been submitted by dentists in British Columbia to be evaluated by an oral pathologist. These are all actual cases that have occurred primarily in private dental practices. Most of these images were provided directly from the private dental practice and included some information with respect to the patient’s signs and symptoms. These cases will be used to develop a process applicable in every clinical practice and establish a Teledentistry approach to support the dentist in private practice when something “different” is noticed during the oral soft and hard tissue examination. The importance of developing a differential diagnosis will be stressed in this presentation in order to insure that important conditions are not overlooked when evaluating a patient. In contrast to the expectations in a dental school oral pathology course, it is not important to make the diagnosis of any oral lesion clinically the first time it is observed, but rather, to appropriately recognize and manage the observed lesion.

EDUCATIONAL OBJECTIVES

1. Recognize changes in oral soft tissues representative of pathologic changes
2. Evaluate the lesions in a standardized format based on using clinical examination strengths generated in practice.
3. Develop a process to manage a change identified in the tissue

CLINICIAN

CHARLES SHULER, BSc, DMD, PhD, Professor, UBC was the Dean of the Faculty of Dentistry of the University of British Columbia for ten years, finishing his second five-year term June 30, 2017. He is now a professor of oral pathology in the Department of Oral Biological and Medical Sciences at UBC Dentistry and teaching oral pathology/medicine. Prior to being appointed at UBC he was a faculty member at the University of Southern California for 18 years. At USC he served as the Director of the University of Southern California Center for Craniofacial Molecular Biology holding an endowed chair position as the George and Mary Lou Boone Chair Professor of Craniofacial Molecular Biology. He also served as the Director of the Graduate Program in Craniofacial Biology and the Associate Dean for Student and Academic Affairs at the USC School of Dentistry. Dr. Shuler received his B.S. in Biochemistry from the University of Wisconsin, his D.M.D. from Harvard School of Dental Medicine, his Ph.D. in Pathology from the University of Chicago and his Oral Pathology education at the University of Minnesota and the Royal Dental College Copenhagen Denmark. He has been active in assessing and managing clinical oral pathology patients with soft and hard tissue lesions. He has had an active research program funded by national granting agencies that focused on evaluating the molecular regulation of the soft and hard tissues of the secondary palate to better understand the etiology of craniofacial birth defects and pathologic changes of the tissues.

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Release Date: September 19, 2020
Review Date: September 19, 2023
Expiry Date: September 19, 2026