

August 22-23, 2019
Zurich, Switzerland

Khin Soe et al., Arch Clin Microbiol 2019, Volume: 10

Retrospective histological assessment of oral keratotic white lesions in Department of Oral Medicine, University of Dental Medicine, Mandalay

Khin Soe, Thiri Su Myat Chel, Su Mon Than, Win Pa Pa Aung, Mu Mu Win, San Win and Myint Shwe

University of Dental Medicine, Myanmar

Background: Oral keratotic white lesions are quite common in oral diagnostic section in Myanmar. Biopsy is a gold standard for early detection of oral cancer is important for patient's life.

Aim: To detect histological variants of biopsy specimens that appear as oral keratotic white lesions.

Material & Methods: Biopsy specimens which are written as keratotic white lesions in pathological requisition forms and sent to Department of Oral Medicine, University of Dental Medicine, Mandalay from 2014 to 2019 (n=65) are retrospectively studied by hematoxylin and eosin stain. Clinical data are obtained from pathology request forms.

Results: Age range is from 20 to 77 years. Common age is 51 to 60 years age range (23/65) (35%). Male to female ratio is 3.6:1. Sites of distributions are right buccal mucosa (42%), left buccal mucosa (28%) and tongue (14%). Of the 65 cases, 37 cases (57%) are diagnosed as oral leukoplakia of which 21(57%) are mild oral epithelial

dysplasia (OED), 13(35%) moderate epithelial dysplasia and 3(8%) severe epithelial dysplasia. Oral squamous cell carcinoma with early invasion and microinvasion is seen in 10 cases (15%) and verrucous carcinoma 4 cases (6%). PVL is only one case (2%) and epithelial hyperplasia and hyperkeratosis is 5 cases (8%). Other cases are oral lichen planus 6 cases (9%), and OSMF one case (2%).

Conclusions: Prevalence of OED and OSCC in oral keratotic white lesions is higher than other populations and early histopathological examination to these lesions plays an important one.

Biography

Khin Soe has completed his study from University of Dental Medicine, Yangon in 2015. He is a Lecturer in the Department of Oral Medicine, University of Dental Medicine, Mandalay Myanmar.

khinsoeoralpathologymm@gmail.com