

### Proliferative verrucous leukoplakia

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Verrucous carcinoma and proliferative verrucous leukoplakia resemble histopathologically at some stage of their evolution making the differential diagnosis between both diseases much more difficult and, as for the final diagnosis, it often depends on clinical, epidemiological and histopathological data. A 58-year-old female patient was admitted to the University's Dental Care Unit complaining about oral lesions which had developed in the last 6 months. At clinical examination, it was possible to observe the edentulous mandible presenting smooth and non-homogeneous white plaques, with a papillary surface, erythematous areas and multifocal lesions. Incisional biopsy was performed in five distinct sites of the edentulous mandible and the samples were stored under same conditions in 10% formaldehyde and sent to histopathological analysis at the Federal University of Uberlândia's pathological laboratory. Histological sections revealed: Mucosa epithelium presenting hyperkeratosis and mild dysplasia. Mucosal epithelium presenting hyperkeratosis,

marked papillomatosis and mild dysplasia, compatible with verrucous hyperplasia with mild dysplasia. Mucosal epithelium presenting hyperkeratosis, focal papillomatosis, slight dysplasia, suggesting the presence of invasion area (microinvasive squamous cell carcinoma). Summing up, proliferative verrucous leukoplakia diagnosis relied on clinical and histopathological data. The patient was referred to the Cancer Hospital for further treatment. However, this clinical case report illustrates the aggressive and relentless manner that is the carcinogenic evolution of this condition emphasizing the need of these patients to have a solid support system.

#### Speaker Biography

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