

Analysis of Oral and Maxillofacial Histopathology Service in Tertiary Center in Oman in the Past 13 Years

Authors : Sabreen Al Shamli, Abdul Rahman Al azure

Abstract : Microscopic examination by histopathology is the gold standard for diagnosing many oral and maxillofacial pathologies. Current clinical guidelines and medicolegal regulations recommend the utilization of histopathology services for confirming pathologies being treated. The goal of this study was to determine the prevalence and distribution of oral and maxillofacial biopsies that had been histopathologically diagnosed at Anahdha Hospital (ANH). A total of 512 biopsies randomly selected from a ground total of 3310 biopsies, which were submitted for oral and maxillofacial histopathological specimens, were analyzed at Nahdha Hospital in Oman between January 2010 and December 2022. Data collected retrospectively selected from all case notes of patients who had oral histopathology examinations performed as part of their treatment. Data collected from the Shifa system was transferred to Microsoft Excel and analyzed using SPSS. Research ethics approval was obtained from the research committee of the hospital. This study provides background information on oral histopathology prevalence that could be helpful in future research in Oman. The findings of the present study are in agreement with the reported data from other investigations, even when it is taken into account how difficult it is to compare prevalence rates from different studies.

Keywords : oral biopsy, maxillofacial histopathology, oral disease, maxillofacial specimens

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