

Diagnostic Oral Pathology

1. Staffs and Students (Apr. 2009)

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2. Purpose of Education;

The department of Diagnostic Oral Pathology is functioning as a central clinical laboratory for clinical examinations in the dental hospital, which deals with hematological, biochemical, bacteriological, histopathological samples, human blood for autologous transfusion. The purpose of education is instructing the underground students in the dental school, the clinicopathological, histopathological problems and techniques for accurate diagnoses. Main object of education to the graduate students in the diagnostic oral pathology are provide them opportunities to study advanced research and diagnostic skills for their studies. For example, immunohistochemical, and electronmicroscopic techniques for scientific researches, hematological, and immunological methods are also involved. Another purpose of education is training young pathological doctors to get enough skills to make a accurate diagnosis of the biopsy and operation materials.

3. Research Subjects;

1. Clinicopathological and histopathological studies of the various neoplastic lesions in the maxillofacial regions.
2. Clinico-bacteriological analysis of the infectious diseases in the orofacial regions.
3. Immunohistochemical and histopathological study of the various oral mucous membrane diseases.

4. Clinical Services;

The department of Diagnostic Oral Pathology provided the examination results of hematology(42,802 items in 2009), biochemistry and immunochemistry(196,734 items), bacteriology(7,944 items), and pathological examinations(2,395 samples). These results may contribute to accurate medical and dental treatments for the patients.

5. Publications;

Original Article

1. S.Kawai, E.Ito, A.Yamaguchi, Y.Eisi and N.Okada: Immunohistochemical characteristics of odontogenic carcinomas: their use in diagnosing and elucidating histogenesis. *Oral Med Pathol* 2009;13:55-63.
2. K.Takahasi, N.Uzawa, K.Myo, N.Okada and T.Amagasa : Simultaneous Asssment Cyclin D1 and Epidermal Growth Factor Receptor Gene Copy Number for Prognostic Factor in Oral Squamous Cell Carcinoma. *Oral Sci Int* 2009;6:8-20.

Case Report

1. M.Nishioka, R L.Aguirre, A.Ishikawa, K.Nagumo, L H.Wang and N.Okada: Nerve sheath myxoma(neurothekeoma) arising in the oral cavity: histological and immunohistochemical features of 3 cases. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107:e28-e33.
2. Hirai, H.Harada, N.Okada and K.Omura: A case of basal cell adenocarcinoma of the upper gingiva. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107:542-546.