ESSENTIAL LABORATORY INVESTIGATIONS FOR DENTAL STUDENTS

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CHAPTER FOUR

Biopsy of Oral Cavity

Dr. Ghasak Ghazi Faisal.

Accurate diagnosis and treatment of oral disease is an essential component of the patient’s comprehensive dental care. Inaccurate diagnosis or failure to diagnose oral disease may have profound implications for both the patient and the clinician. A wide range of procedures and techniques are available to assist in the diagnosis of oral disease.

Some diseases may be diagnosed by clinical and radiographical examinations. However, many diseases of the mucosa, other soft tissue and bone require additional information to make a precise diagnosis. This information in many instances may be provided by biopsy and submission of tissue for histopathological examination.

The word biopsy originates from the Greek terms Bios (life) and Opsis (vision): vision of life. The procedure consists of the obtaining tissue from a living organism with the purpose of examining it under the microscope in order to establish a diagnosis based on the sample.

The technique allows us to establish the histological characteristics of suspect lesions, their differentiation, extent of spread, and to plan an adequate treatment strategy.