

Diagnosis of Human oral Cancer by synchronous Luminescence Spectroscopy

D.K.Kendre

Abstract:

The twenty five (Malignant & Normal) samples are collected for the study of fluorescence spectra. We recorded the fluorescence spectra of cancer and normal tissues of oral cancer. The significant changes were observed in the fluorescence from cancer to normal oral tissue. The ratio of mean spectrally fluorescence intensity from cancer to normal is determined and recorded. We also determined the bank structure of oral cancer tissue of SL spectroscopic technique is used for cancer diagnosis.

Keyword : Oral cancer tissue (Malignant & Normal), Synchronous Luminescence fluorescence emission spectra.