

Role of Diagnostics in Oral Cancer – Earlier the Better

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Oral Squamous Cell Carcinoma (SCC) is known to arise from sustained, stepwise accumulations of mutations resulting in transition of normal mucosa to dysplasia to invasive carcinoma over time. OSCC is reportedly the tenth most common malignancy and across the world more than 300, 000 H&N cancer cases are reported each year and in India alone it is estimated to be more than 8000 new H&N cancer registered every year. Tremendous breakthroughs are achieved in understanding the biology of oral cancer, surgical techniques, precision radiotherapy and chemotherapy with newer drugs, hitherto the 5 year survival rate of patients has not reduced below 50% since past several decades and have not improved over several decades. Improving detection, diagnosis, and treatment of precancerous changes and early asymptomatic cancers is imperative to increase survival and improve functional outcomes for persons at risk to develop oral cancer. Therefore this presentation highlights the present and future non-invasive or minimally invasive techniques with great specificity and sensitivity in detecting early oral cancers and after treatment follows up to detect recurrences.

Biography:

K V Arun Kumar has completed his graduation from Kuvempu University and post graduation from Rajiv Gandhi Health University, Karnataka, INDIA. He has 17 years of academic experience in teaching and performing nearly all spectrums of head and neck surgeries. He has to his credit nearly 65 national and international publications and Invited Keynote/ Guest speaker at specialty national conferences, CME and CDE's. He has 3 International Oral presentations to his credit. Avid reviewer for various national specialty journals and life member for state, national dental and specialty associations of repute and served university posts as past Co-coordinator for the post graduate studies and presently chairman anti-ragging committee in Subharti university, India. Successfully organized 'Triple 'O' conference and Master class for the specialty post graduates at the national level and many state level CDE's.