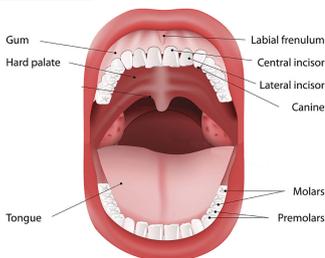


Oral Cancers Panel

In India Reported Oral Cancer annually
New Cases **around 77,000**
Deaths **52,000 deaths**
Approximately One-fourth of global incidences



WHAT IS ORAL CANCER?



Cancer of the Tongue, Mouth, Cheeks and Lips

Cancer occurring in the tissues of your mouth from the lips to the back of your tonsils and your throat. Affected areas range from lips to tongue, gums and the roof and floor of your mouth.



Red patches in mouth that are persistent without any obvious cause can develop into cancer about 30% of the time.

ARE YOU AT RISK FOR ORAL CANCER?

3 out of 4

cases of Oral Cancer is prevalent in men, especially regular smokers and drinkers.



Tobacco: Smokers are highly susceptible to Oral Cancer.



Drinks per week increases chances.



STD'S: Exposure to HPV-16, a sexually transmitted virus.

DETECTING ORAL CANCER

Persistent mouth pain coupled with sores or lumps inside of your mouth could be warning signs of oral cancer.



Have regular Oral Cancer Screenings with your dentist



Attend Annual Oral Hygiene Checkups at least twice a year



Maintain oral hygiene by changing your diet and lifestyle habits

TYPES OF ORAL CANCER

Oral Squamous Cell Carcinoma (OSCC)

- ◆ OSCC is the most common oral malignancy, representing up to 80-90% of all malignant neoplasms of the oral cavity.
- ◆ Squamous cell carcinoma develops when some squamous cells mutate and grow abnormally.

Verrucous Carcinoma

- ◆ VC is an uncommon variant of squamous cell carcinoma which spreads to other parts of the body, but it may invade nearby tissues.

Minor Salivary Gland Carcinomas

- ◆ The mucoepidermoid carcinoma, adenoid cystic carcinoma, and pleomorphic adenoma are the most common tumors of the minor salivary glands, representing 0.3 to 1.5% of all biopsies in oral pathology laboratories.



NEXT GENERATION SEQUENCING for SOMATIC Cancer Mutation Panel Improves Treatment Plan and Survival Rate

SOMATIC Cancer Mutation (hotspot tumor) panel

Detects hotspot mutation in 56 cancer-related genes

ABLI, AKTI, ALK, APC, ATM, BRAF /inclusive of v600E), CDHL, CDKN2A, CSF1R, CTNNB1, DDR2, DNMT3A, EGFR, ERBB2, ERBB4, EZH2, FBXW7, FGFR1, FGFR2, FGFR3, FLT3, FOXL2, GNAI1, GNAQ, GNAS, HNF1A, HRAS, IDH1, IDH2, JAK2, JAK3, KOR, KIT, KRAS, MAP2K1/MEK1, MET, MLH1, MPL, MSH6, NOTCH1, NPML, NRAS, PDGFRA, PIK3CA, PTEN, PTPN11, RBL, RET, SMAD4, SMARCB1, SMO, SRC, STK11, TP53, TSC1, VHL.



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