TRENDS IN DIAGNOSIS (A REVIEW)
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INTRODUCTION
“Change is all for a better cause” implies too in the field of oral medicine and radiology, there are numerous advances in this field which proves to be very beneficial to patients by enabling quick and accurate diagnosis, imaging with reduced dosage and minimally invasive treatment modalities. This poster is a brief eye opener for the latest trends in diagnosis and radiology.

DISCUSSION
Advanced chair side investigations for caries detection: like Quantitative Laser Fluorescence, Fibre Optic Trans Illumination FOTI, Digital Fibre Optic Trans Illumination DFOTI, Electrical Conductance Method, are few promising procedures used for detecting caries lesion at an initial stage. Advance chair side investigations for periodontal disease and control at an earlier stage. Advances in characterising the host response using host derived enzymes (PerioGaurd) and (Periocheck) are also very much useful. Advances in Pre-malignant lesion detection like Vizilite, Veloscope, Microendoscopy and Oral CDx brush biopsy are the few modern advanced methods for detection of premalignant lesions at an earlier stage which have become the third eye for a oral medicine expert in early diagnosis of oral cancer. Apart from these, advance lab investigations, like Immunohistochemistry, Immune Enzymes assays, Immune Fluorescence methods like both direct and indirect methods help in isolation and detection of several diseases at a molecular level. Advance radiologic investigations like Cone Beam CT, Colour Doppler US, PET, SPECT, Nano technology Etc... are proved to be a boon to the radiologist in framing the accurate diagnosis with minimal radiation exposure to the patient.

CONCLUSION
The trends in advance diagnosis is limitless the vision which encompasses the diagnostician to peruse the disease process leads to the better utilization of all these mentioned diagnostic aids which will not only help in proper diagnosis but also leaves the patient a satisfied feeling that the thorough examination procedure has been performed on him. And also on the positive note the diagnostician will satisfy his instinct as well. On contrary these procedures are still under trial and error and are limited to the educational institutes for research graduates. The zenith is near when these procedures will come to daily use in near future which will be an third eye for the betterment of the diagnostic procedures.

Materials & Method
This poster is taken as a review poster from various journals, text books and web based articles and made as a collage in view to bring the current trends in diagnosis in a nut shell.

References