
A routine diagnostic test that can help you save lives
A routine test that can help you prevent a devastating cancer

Oral cancer rising in low risk groups\textsuperscript{1,2,3}

- Oral cancer kills about as many Americans as melanoma and twice as many as cervical cancer
- Oral cancer is rising in women\textsuperscript{1}, young people\textsuperscript{2} and non-smokers\textsuperscript{2}
- At least 25\% of oral cancer victims have no known risk factors\textsuperscript{3}

Finding cancer is too late

- By the time a lesion appears suspicious for cancer, it is generally dangerous, often life-threatening
- Mortality rates have not decreased in 50 years due to late detection\textsuperscript{4}

\textsuperscript{3} http://www.ada.org/2607.aspx
Finding dysplasia while still harmless is the key to preventing oral cancer

Dysplasia (pre-cancer) first presents as a red or white spot in the mouth that looks identical to common tissue changes.

- Small spots are routinely seen in the mouth. Approximately 4% are dysplastic.\(^5\)
- OralCDx, a laboratory tissue test, allows you to painlessly differentiate between healthy and abnormal tissue to rule out dysplasia.

If not detected, dysplasia may progress to become invasive oral cancer

Dysplasia (Pre-Cancer)

Carcinoma In Situ

Cancer

Pre-cancerous cells are contained above the basement membrane and are still harmless

Abnormality has progressed to the point where cells appear to be cancerous but are still limited to the epithelium

Cancer cells have penetrated below the basement membrane and can now spread

Painlessly rule out dysplasia

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Preventing oral cancer starts by examining all areas of your patient’s mouth

How to find dysplasia

Studies have shown that 10% of patients have a white or red tissue change or spot of unknown cause\textsuperscript{5,6}

Visually examine all areas of your patients’ oral mucosa for red or white spots. Include the lips, cheeks, all sides of the tongue, top of the mouth, floor of the mouth.

When indicated, perform the OralCDx Brush Biopsy to help rule out dysplasia.

The patented biopsy brush allows the doctor to collect a full tissue sample down to the basement membrane.

\textsuperscript{5}Christian DC. Computer-assisted analysis of oral brush biopsies at an oral cancer screening program. J Am Dent Assoc 2002;133:357-362

OralCDx: the dysplasia experts

Once the sample has been collected, the specimen is sent to CDx to be analyzed by specially trained pathologists aided by a proprietary computer network.

Every cell on the slide is evaluated.
Rely on CDx®, the world’s largest specialized oral pathology lab

Over 10,000 oral pre-cancers detected

- Advanced pathology and missile defense computer science are used to analyze each specimen
- OralCDx provides you with a definitive lab report and personalized follow-up suggestions
OralCDx®
An important advance for your patients...

Excellent Patient Acceptance:

- OralCDx® is an easy-to-perform, minimally-invasive, in-office procedure
- Cancer prevention message is well-received by patients

Only OralCDx allows you to provide every patient with the peace of mind that comes from painlessly detecting dysplasia to help stop the progression to oral cancer.
and your practice

Easy Practice Implementation:

• Takes only minutes to perform
• Mouth map available to document examination
• Patient communication materials provided
• Pathology report with representative cellular images
• Clinical support team provides you with patient specific follow-up suggestions
Testing routine tissue changes in your patients’ oral mucosa can help prevent a major cancer that is rapidly increasing in low risk groups

• Every oral carcinoma starts as a small white (leukoplakia) or red (erythroplakia) harmless-appearing tissue change

• Studies show that, upon examination, 10% of patients have a white or red tissue change or spot of unknown cause⁵,⁶

• Although most spots are harmless, OralCDx® is the only painless way to know that none of these tissue changes contains pre-cancerous cells

2 Simple Steps that give you “The Power to Prevent”

1. Examine all areas of your patients mouth for red or white changes

2. Perform an OralCDx Brush Biopsy when indicated to help rule out dysplasia while it is still harmless.

10 Years of Demonstrated Clinical Efficacy

In every study in which the same tissue was simultaneously tested by both OralCDx and a scalpel biopsy, the OralCDx Brush Biopsy was found to be at least as sensitive in ruling out dysplasia and cancer.⁷,⁸,⁹

Measured False Negative Rate = 0%.
Statistical False Negative Rate < 4%, p<.05
Measured False Positive Rate (OralCDx “Positive” Result) = 0%.
Statistical False Positive Rate (OralCDx “Positive” Result) <3%, p<.05
J Am Dent Assoc 1999;130:1445-1457