which is a shift from the usual risk factors of chewing tobacco,

• HPV-related oral cancer is on the rise in people under the age of 40,

papillomavirus), of which certain strains—HPV-16 and -18—

• Approximately 20 million Americans are infected with HPV (human

Oral Cancer Facts & Figures

potentially deadly disease.

As physicians of the mouth, dental professionals are in a unique and

Identafi® is multi-spectral, with three distinct color wavelengths, making

Multi-spectral oral cancer screening

and reflectance technology enhances visualization of mucosal abnormalities

White Light

Green-Amber Light

Violet Light

of normal healthy tissue. However,

may lead to oral cancer

The need for early detection of abnormalities that

It is easier to spot due to its loss of

dilated vasculature are more

lesions. Areas with increased diffuse and

The combination of all three multi-spectral wavelengths

Identafi®'s patented 405-nanometer

Excitation, Aiding the Discrimination of Cancers and Precancers by Identafi

Changes in Collegan and Elastic Breakdown and Neovascularization in the

induced autofluorescence at 405nm showed the deeper

comprehensive white light examination. Images in the violet

indicative of precancer and cancer over that seen solely by

"Early results suggest that the addition of the fluorescence

and mucosal pathology

Advances in optical

adjunctive aids for

detection of oral cancer

and mucosal pathology

Presented by

Professor Camile S Farah

Sydney I Melbourne I Brisbane

Adelaide I Perth

Photos provided by Professor Camile S Farah © 2013

Attendance at this workshop is a pre-requisite to the
purchase of Identafi from Henry Schein Halas.

Your course fee will be refunded with the purchase
of Identafi.
smoking, and alcohol use.

• HPV-related oral cancer is on the rise in people under the age of 40,
• When found early, oral cancer patients have a 90% survival rate.
• Oral cancer can be the result of infections, such as human papillomavirus (HPV), of which certain strains—HPV-16 and -18—are prevalent in the United States.2

Oral Cancer Facts & Figures

As physicians of the mouth, dental professionals are in a unique and potentially deadly disease.

In fact, dental professionals are the first line of defense against this potentially deadly disease.

Identafi® is multi-spectral, with three distinct color wavelengths, making it easier to distinguish lesion morphology and vasculature.

Identafi® is intended for use by dentists, hygienists and oral surgeons to aid in the early detection of abnormalities that may not be apparent by traditional means.

The means for early detection is now available and back of pharynx, the tongue, hard and soft palate, and under guided examination at 405nm is helpful in identifying characteristics indicative of precancer and cancer over that seen solely by examination at 405nm.

The deep penetrating power of the Identafi® multi-spectral fluorescence excitation, aiding the discrimination of cancers and precancers by identifying changes in collagen and elastic breakdown and neovascularization in the stromal changes that accompanied induced autofluorescence at 405nm showed the deeper lesions are more indicative of precancer and cancer over that seen solely by examination at 405nm.

New technologies available for the early detection of sinister pathologies including diffused light illumination, tissue autofluorescence, narrow band imaging and brush biopsy will be highlighted.

Registration: 8.30am
Lecture: 9.00am - 1.00pm
CPD Hours: 3

Hands-on Workshop

This hands-on workshop will allow the participant to experience autofluorescence technology first hand under guidance.

Theoretical information delivered during lectures will be examined in more detail, and participants will undertake clinical examinations on each other. Tips for the successful use of the newest multispectral visualisation aid (Identafi™) will also be offered to aid clinicians in recognising mucosal lesions more reliably.

Discussion relating to integration of Identafi™ into clinical practice, communication with patients about the use of the device, and referral pathways will be covered in more detail.

Workshop: 1.30pm - 4.00pm
CPD Hours: 2.5
Lunch provided

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