

# Salivary Biomarkers for Oral cancer in Lichen Planus Patients

## Are you a patient with oral lichen planus?

### If so, you may be eligible for a research study!

#### **What is the purpose of the study?**

This study is to explore the possibility of using saliva in an early cancer detection method for lichen planus patients who are known to be at high risk for developing oral cancer.

We will need to collect saliva samples from two types of people: those who have oral squamous cell carcinoma and those who have lichen planus. Analysis of the saliva samples for several particular proteins and chemicals will be performed and the results will be compared among these two groups and a group of normal controls (people who have neither oral cancer nor lichen planus).

#### **Who are eligible for this study?**

We need two types of lichen planus patients:

- Those who currently have *active lichen planus lesions* in the mouth.
- Those who have the *asymptomatic reticular* type of oral lichen planus, or who do not have oral lesions.

In addition, all patients must:

1. Have no previous history of bone marrow or kidney transplants.
2. Have no history of hepatitis C, lupus erythematosus, or Sjogren's syndrome.
3. Have no history of oral epithelial dysplasia, oral cancer, or radiation therapy to the head and neck area.
4. Have not used any corticosteroid or immunosuppressant, for any reason, for at least 1 week prior to participation in the study.
5. Be a non-smoker (a person who has smoked fewer than 100 cigarettes in his/her lifetime, and has not smoked at all within one calendar year prior to the study)
6. Be a person who drinks fewer than 14 servings of *alcoholic beverages* per week (*one serving is counted as the equivalent of 150 ml of wine, 330 ml of beer, or 30 ml of hard liquor*).

#### **What do I need to do if I participate in this study?**

We will need to collect saliva samples once from each eligible patient between 8am and 12pm. You will be asked to refrain from eating, drinking or using oral hygiene procedures. You will be given a water mouthrinse before saliva sample collection. Five minutes after the oral rinse, you will be asked to spit into a 50ml tube. If it is verified that you are currently taking medications that cause dry mouth, you will be given a paraffin tablet for chewing as a stimulant before saliva collection. Approximately 8 ml of saliva will be collected within 30 minutes after the start time.

#### **What benefit will I get by participating this study?**

You will be compensated by \$30 for your participation in this study. You will know that you have made an extremely valuable contribution to science, one that may help save lives and prevent much suffering.

#### **Whom should I call if I am interested in participating in this study?**

Please contact: Dr. Lisa Cheng; Associate Professor,  
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