

# **TOBACCO and ALCOHOL**



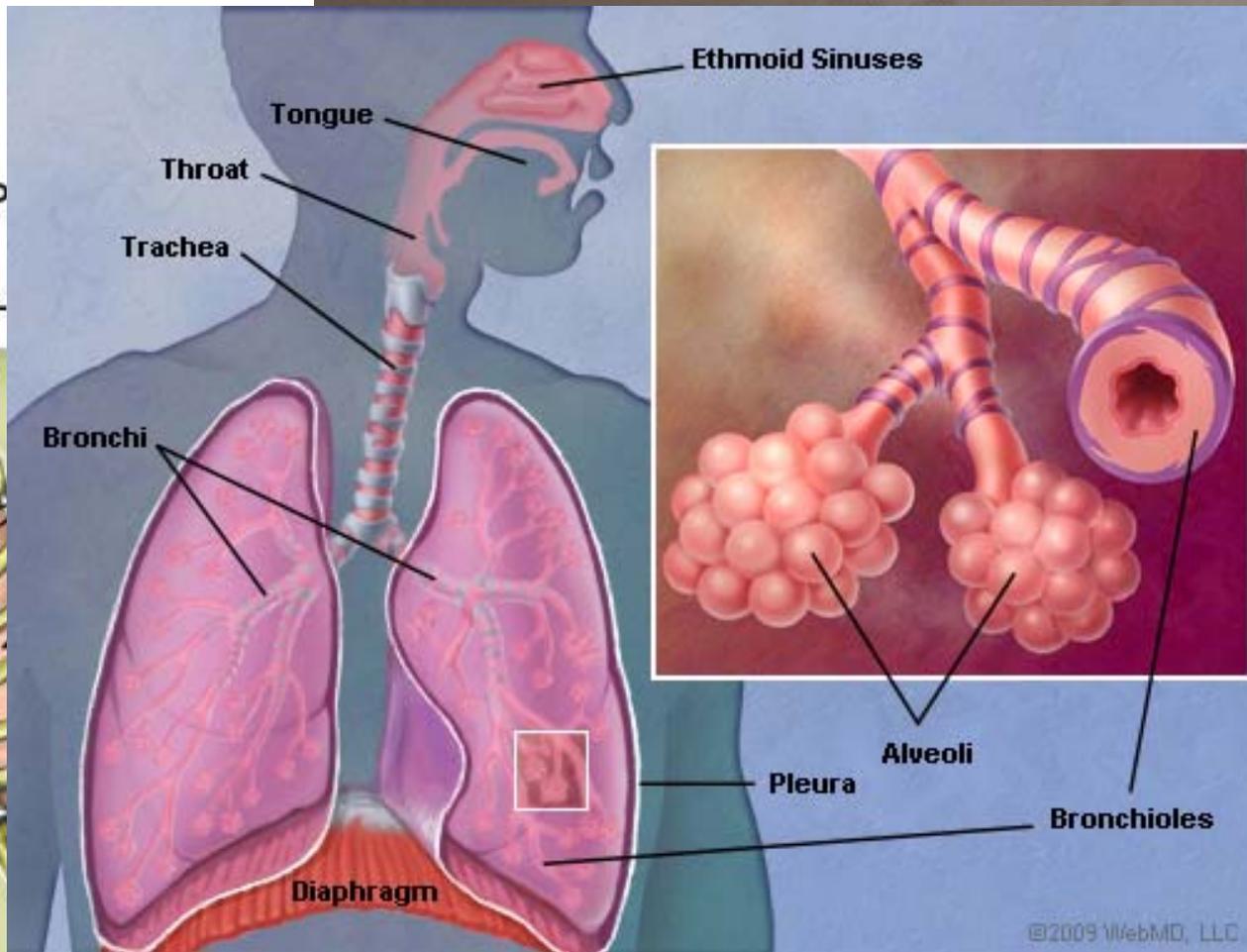
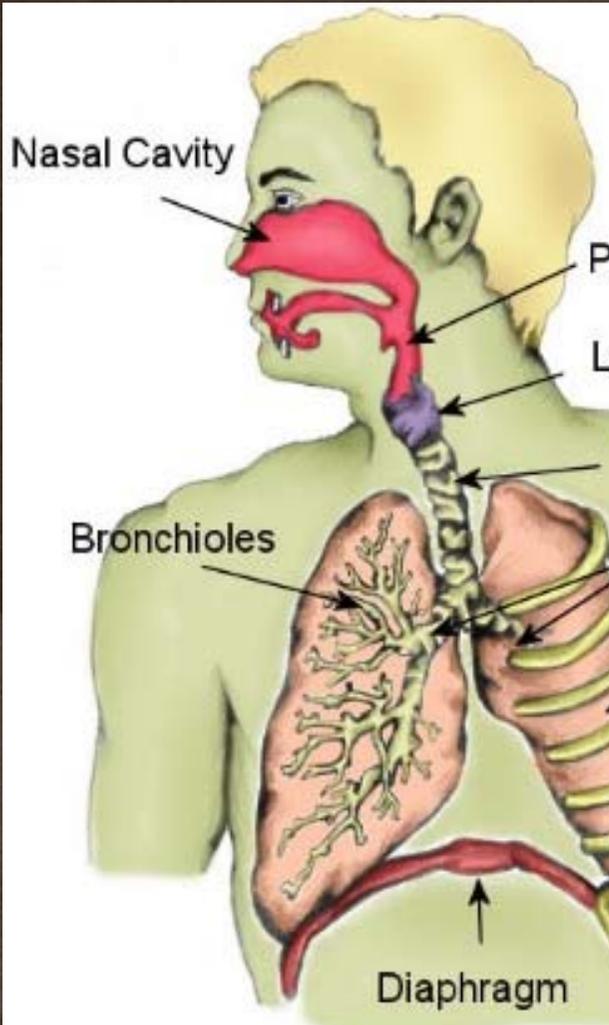
**Feb. 23, 2016**

**YANG, KANG YONG, Ph.D.**

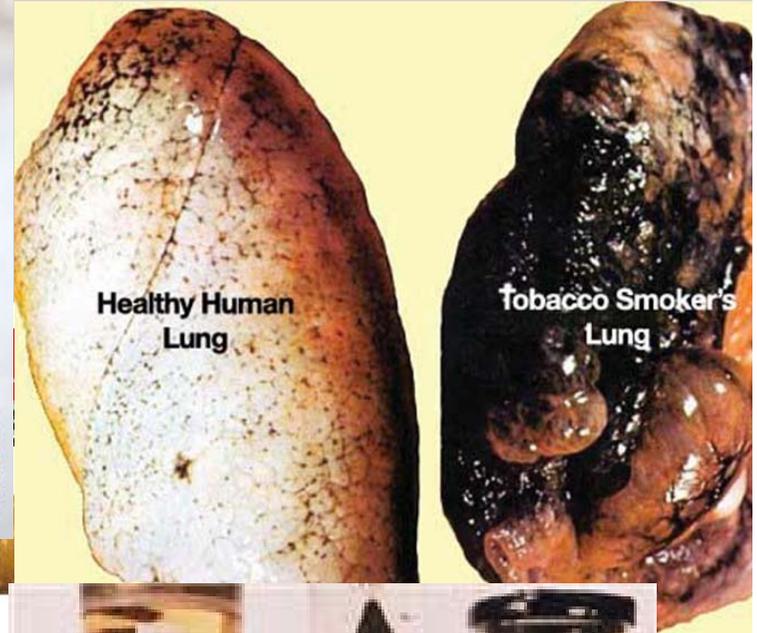
**Hebron Medical Center**

**HUH, Younju, Ph.D.**

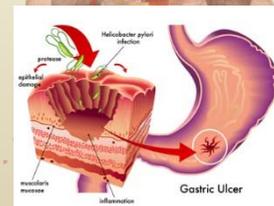
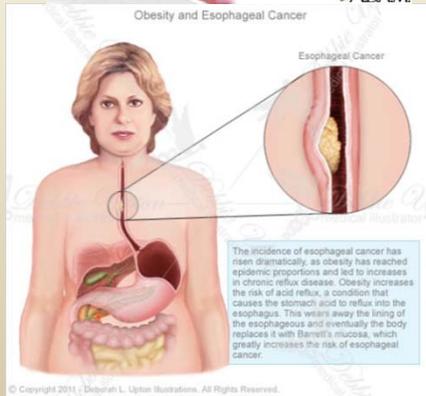
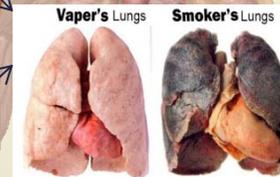
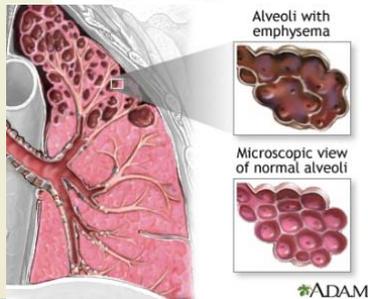
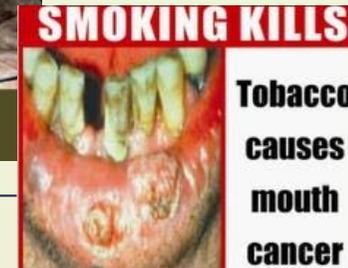
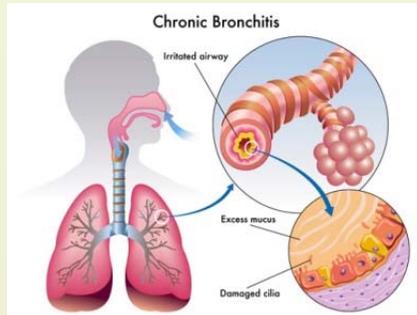
**Royal University of Phnom Penh**



# Carbon Monoxide (in Cigarettes, Sing Materials)



# Smoking Related Disease



El Ministerio de Salud y Desarrollo Social  
**ADVIERTE**

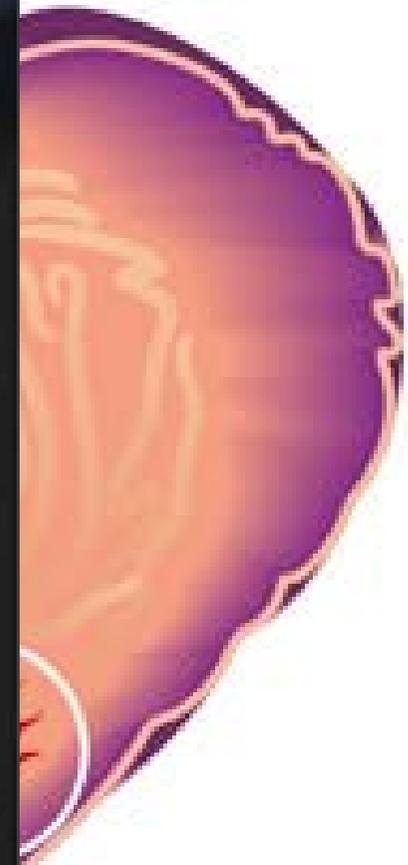
**FUMAR DURANTE EL  
EMBARAZO DAÑA LA SALUD  
DE TU BEBÉ**



proteas  
epithelial  
damage



muscularis  
mucosae



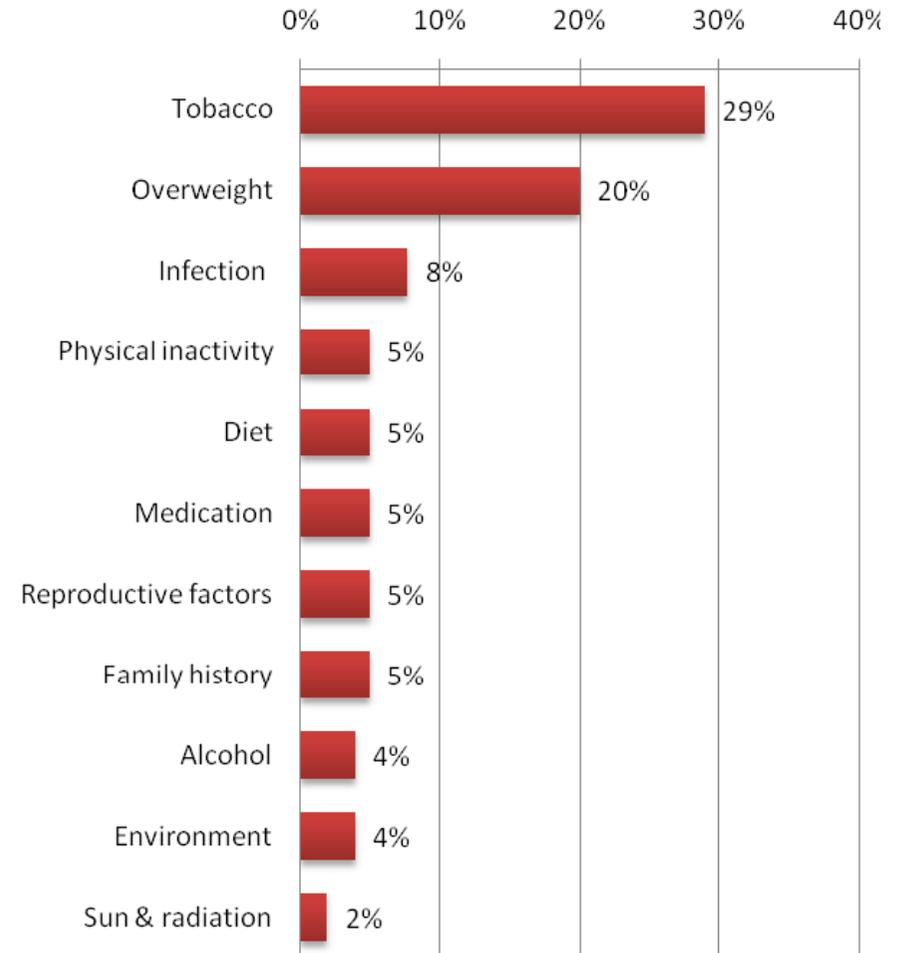
Ulcer

# Cancer caused by Smoking

## Death from Smoking



Estimated percentage of total cancers attributable to established causes of cancer



# INDIRECT SMOKING

Exposed to secondhand smoke leads to



[simplyremedies.com](http://simplyremedies.com)



# Health Risk by Indirect Smoking



**Protect children: don't make them breathe your smoke**

## Passive smoking



lung cancer  
by 20–30%



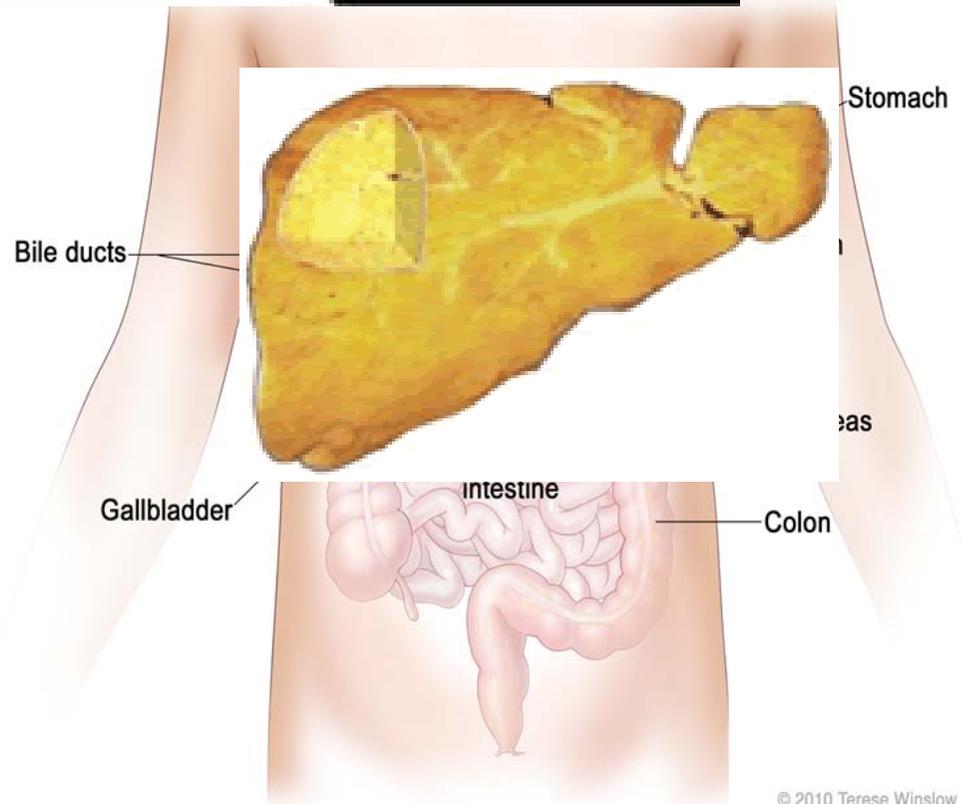
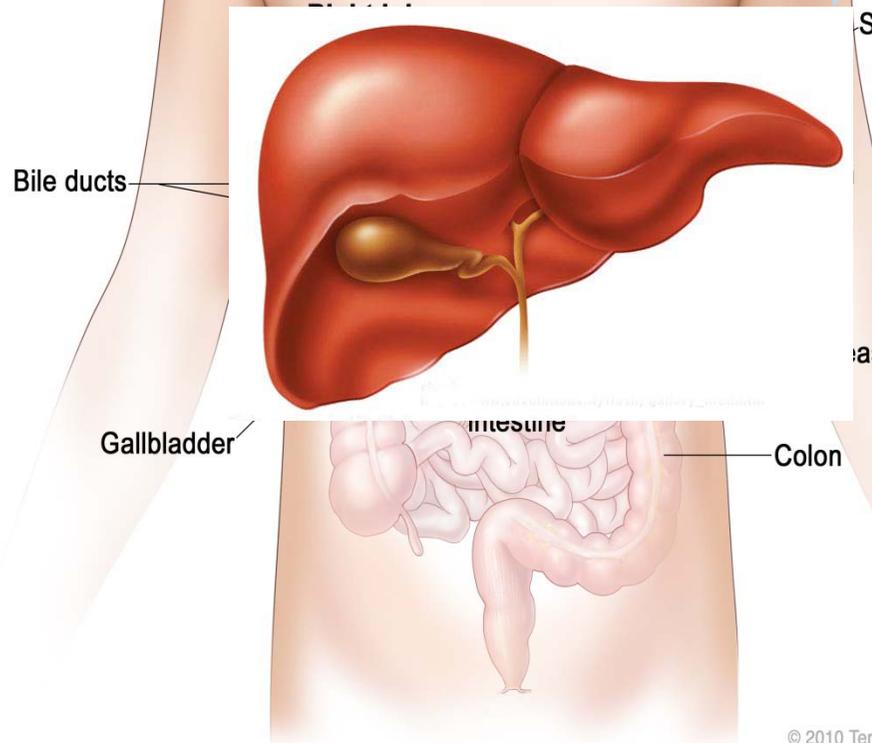
heart disease  
by 25–35%



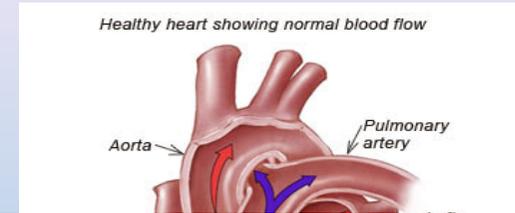
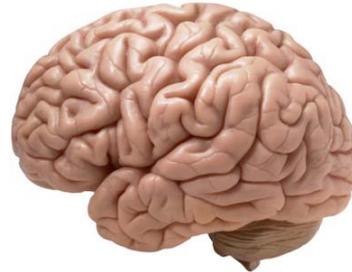
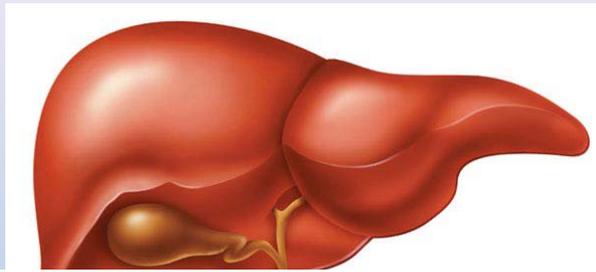
# Alcohol Safe?



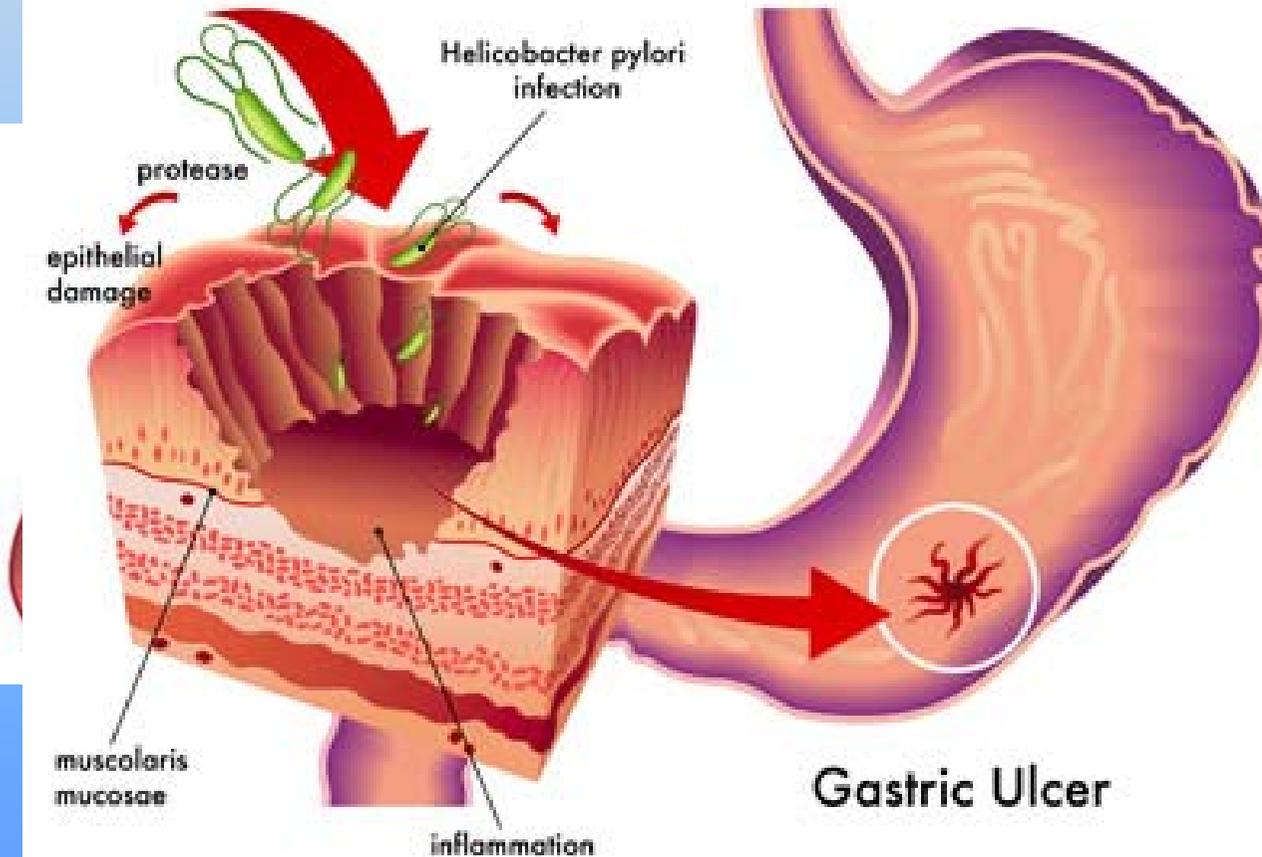
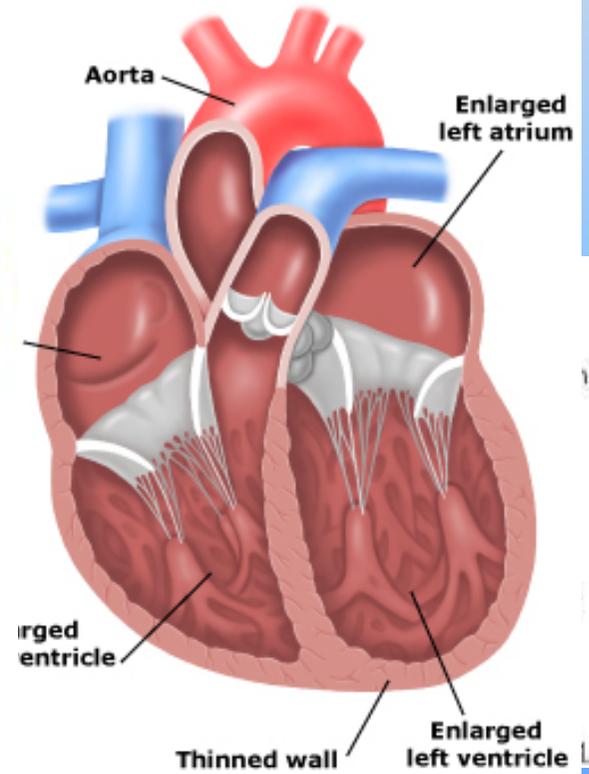
## Healthy Liver



# Alcohol Related Disease(I)



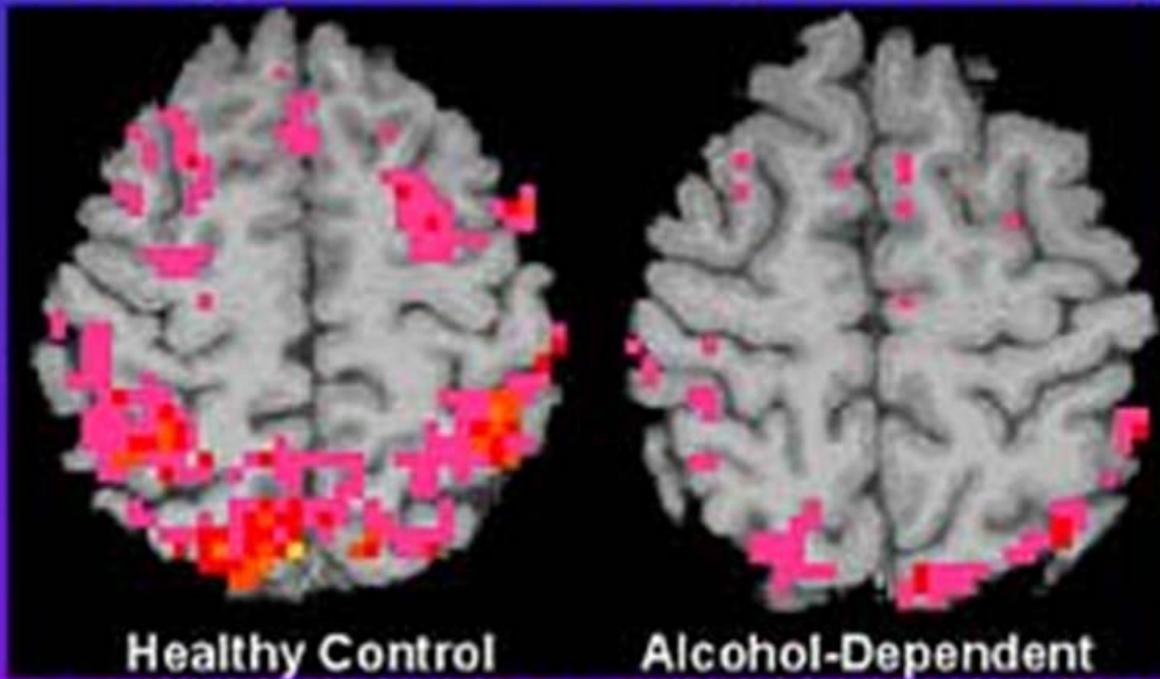
Dilated cardiomyopathy



# Alcohol Related

## Drinkers: Less Active Brains

Two 20 year old females. Top view of brain, two inches above ears



Note differences in back of brain

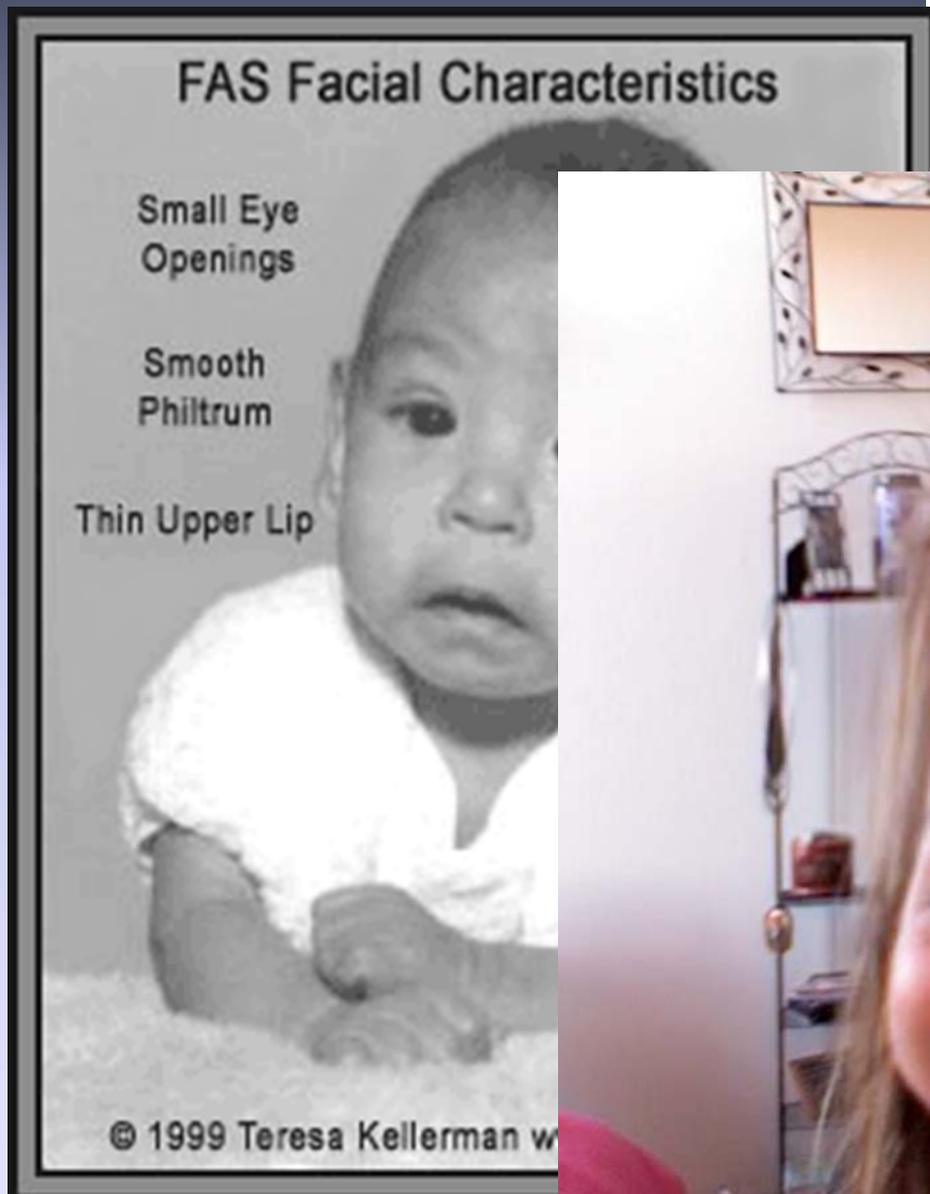
Colored areas show active brain areas during memory task.

Source: Tapert SF, Brown GG, Kindermann SS, Cheung Eh, Frank LR, Brown SA (2001). MRI Measurement of Brain Dysfunction in Alcohol-Dependent Young Women. Alcoholism: Clinical and Experimental Research 25 (2): 236-245

# Alcohol Intoxication



# Fatal Alcohol Syndrome



Normal head size



Microcephaly



១ ក្រិក្ខត្រ្យស ៦ ៖ ១៩

បងប្អូនមិនជ្រាបទេឬថា រូបកាយរបស់បងប្អូន

ជាព្រះវិហាររបស់ព្រះវិញ្ញាណដ៏បរិសុទ្ធ

ដែលគង់នៅក្នុងបងប្អូន?

**“Do you not know  
that your body is a  
temple of the Holy  
Spirit?” (I. Corinth. 6:19)**

LIPS THAT  
TOUCH LIQUOR  
SHALL NOT  
TOUCH OURS

