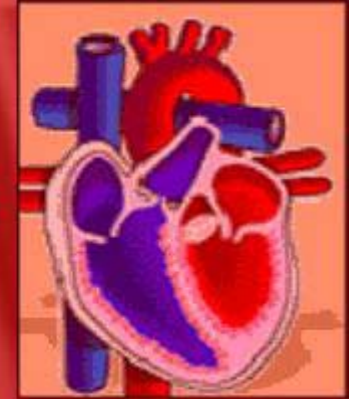


# HYPERTENSION



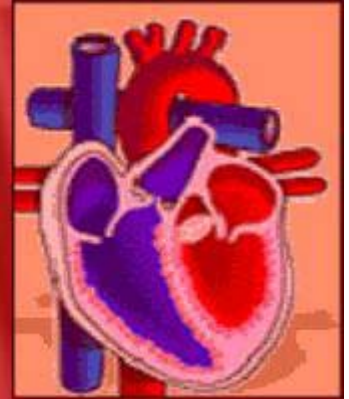
**Written by**  
loui al sohibani  
420002901

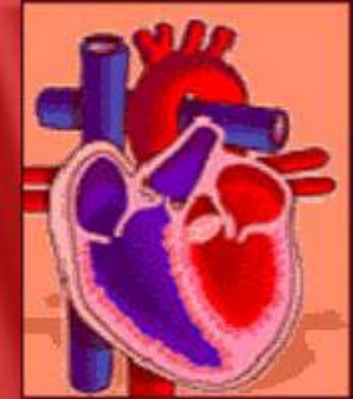
**Described by**  
Prof. hisham Abou-Auda



## Introduction:

Hypertension is the most frequently encountered chronic medical condition and is also one of the most significant risk factors for cardiovascular morbidity and mortality from coronary artery disease (ischemic heart disease, myocardial Infarction [MI], sudden death).





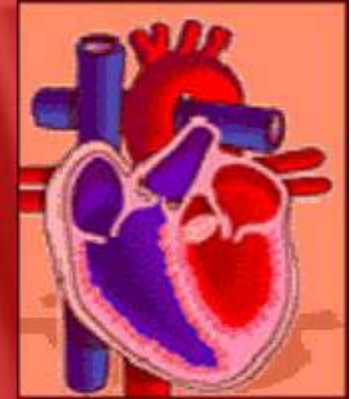
Other forms of cardiac disease (left ventricular hypertrophy [LVH], heart failure [HF], chronic kidney disease, stroke, and blindness.

The etiology of essential hypertension is unknown and requires lifelong management.



# Hypertension:

Seventh Report of the Joint National Committee on Detection, evaluation, and treatment of high BP.



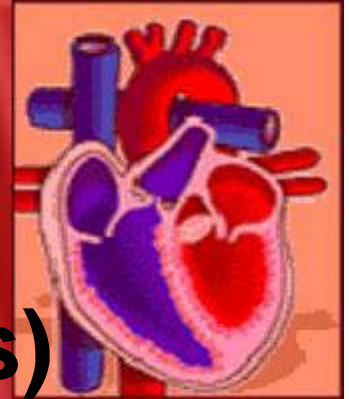
Hypertension is defined as an elevated SBP, DBP, or both.

## Goals:

The ultimate goal of treating hypertension is to reduce associated morbidity and mortality.



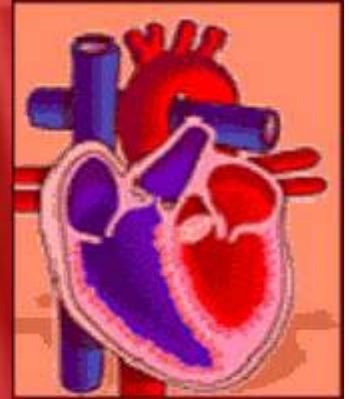
# Hypertension – related Target Organ Damage



## (Major Cardiovascular risk Factors)

- Brain (Stroke or transient ischemic attack)
- Eyes (retinopathy)
- Kidney (Chronic Kidney disease).
- Peripheral Vasculature (peripheral arterial disease).
- Heart (left ventricular hypertrophy, angina, or prior myocardial infarction, prior coronary revascularization, heart failure)





THE END

