



# Don't ignore HEART PROBLEM !

Silent killer knows no age.

## Homocysteine

- \* is an amino acid.
- \* Can be toxic at high level.
- \* Elevated homocysteine level create free radicals that bind with LDLs (Low density lipoprotein, or 'bad' cholesterol) and form plaque.
- \* Plaques are usually the direct cause of heart attack (myocardial infarction).

## High Cholesterol Level

- ◆ doubles the risk of heart attack
- ◆ Heart attack is a condition in which the blood supply to the heart (coronary artery) become blocked and the **heart muscle cells die from oxygen starvation.**

## The heart: Your Pet's Pump

- ◇ The heart never rests.
- ◇ It pumps hard every day, every hour, every minutes to supply blood to itself and other tissues and organs.
- ◇ Any interruption (plaque, inflammation, infection, genetic factor, etc) or reduction in the blood flow to this organ has **life threatening** consequences.

## Heartworm Disease

- Adult heartworms in the heart and pulmonary artery.
- Infected heart become enlarged and lose its muscular strength.
- Diseased pulmonary artery is thrombolized and thickened.
- **Post-adulticidal thromboembolization with dead worms** may worsen damage to pulmonary artery, heart, lung, kidney, liver.

## Ways to Protect My Pet's Heart

- \* **Control cholesterol level**
- \* **Keep blood pressure normal**
- \* **Reduce stress level**



- \* **Maintain a healthy weight**
- \* **Eat a healthy diet**
- \* **Get physical**

**Cardio-Strength™  
for Cats and Dog**

**Support heart and blood circulation**