[심포지움]

고혈압과 운동

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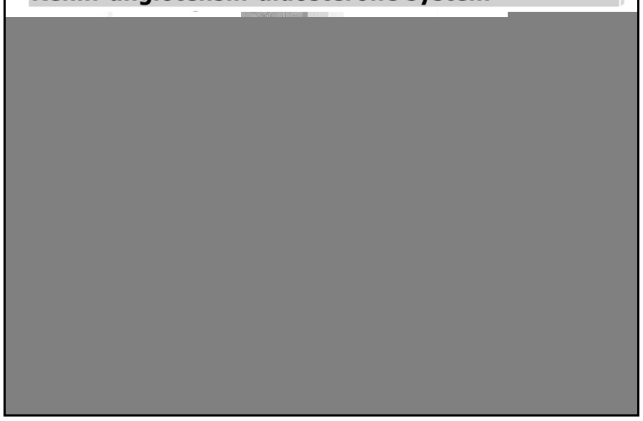
Essential Hypertension

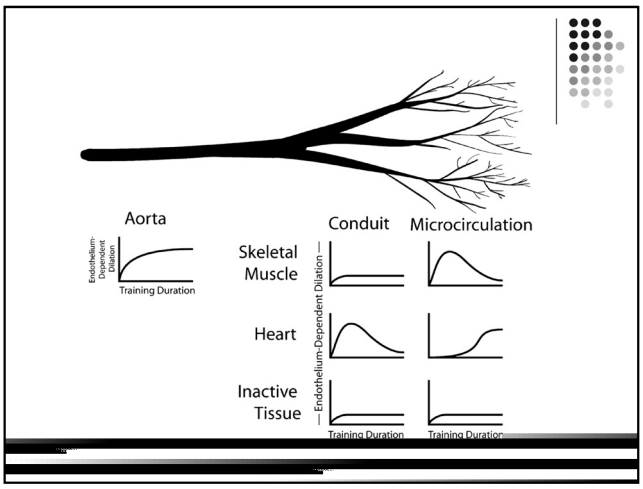
- Environment.
- Salt Sensitivity
- Role of Renin.
- Insulin Resistance
- Genetics
- Other Etiologies

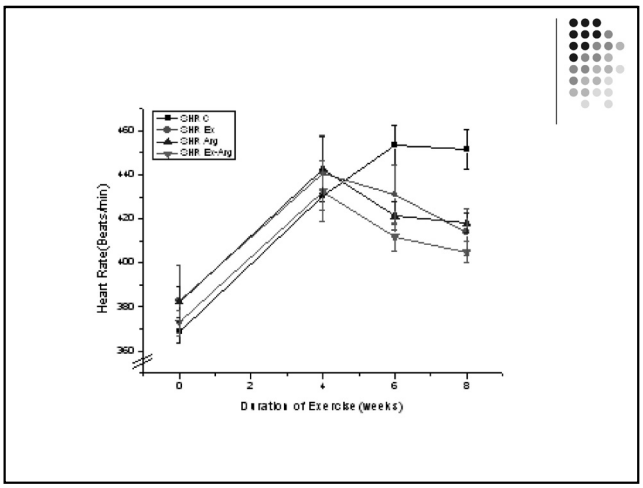
Secondary Hypertension

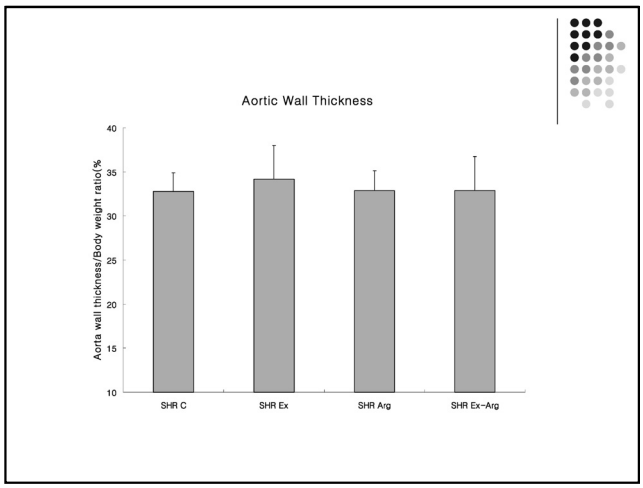
- Renal Hypertension
- Adrenal Hypertension
- Hypercalcemia
- Coarctation of the Aorta

Renin-angiotensin-aldosterone system




Aorta
Endothelium-Dependent Dilation
Training Duration
Conduit
Microcirculation
Skeletal Muscle
Heart
Inactive Tissue
Endothelium-Dependent Dilation
Training Duration
Training Duration


SHR C
SHR Ex
SHR Arg
SHR Ex-Arg
Heart Rate(Beats/min)
460
440
420
400
380
360
0
2
4
6
8
Duration of Exercise(weeks)


Aortic Wall Thickness
Aorta wall thickness/Body weight ratio(%
40
35
30
25
20
15
10
SHR C
SHR Ex
SHR Arg
SHR Ex-Arg