Antihypertensive Trial Outcome Differences: Diuretic vs. Calcium Channel Blocker

- Compared to participants assigned to the diuretic, those assigned to the calcium channel blocker had:
  - 1 mm Hg higher SBP and 1 mm Hg lower DBP
  - No difference in CHD, total mortality, stroke, or combined CVD
  - 38% higher risk of heart failure
  - 35% higher risk of hospitalization for heart failure
Antihypertensive Trial Outcome Differences: Diuretic vs. ACE Inhibitor

- Compared to participants assigned to the diuretic, those assigned to the ACE inhibitor had:
  - 2 mm Hg higher SBP and no change in DBP overall
    - 4 mm Hg higher SBP and 1 mm Hg higher DBP in Blacks
  - No difference in CHD or total mortality
  - 15% higher risk of stroke
    - 40% higher risk of stroke for Blacks
Antihypertensive Trial Outcome Differences: Diuretic vs. ACE Inhibitor

• Compared to participants assigned to the diuretic, those assigned to the ACE inhibitor had:
  – 10% higher risk of combined CVD outcome
    • 19% higher risk of combined CVD outcome in Blacks
    • 6% higher risk of combined CVD outcome in non-Blacks
  – 11% higher risk for being hospitalized or treated for angina
  – 10% higher risk for undergoing coronary revascularization
  – 19% higher risk of heart failure