



History of Hypertension in African Americans

- African Americans start developing high blood pressure from an early age
- Center for Disease Control and Prevention(CDC), reported that African Americans have the highest rate of high blood pressure compared to their white counterparts.
- 41% of African Americans have high blood pressure, as compared to 27% of white Americans(Brathwaite)
- African Americans start developing high blood pressure from an early age
- High blood pressure is the leading cause of death for American Americans. According to the Center for Disease and Control, 23.5 percent of blacks die from heart disease(Carson)

What is BiDil

- This drug is FDA approved. Works mostly in African Americans and helps them treat high blood pressure.
- It is a combination of two drugs Isosorbide and Hydralazine.
- These two drugs are taken as a tablet.
- Hydralazine is used to help control hypertension in mothers that are pregnant.
- Isosorbide is used for people with chest pain.



Why does BiDil work more for African Americans than Whites?

- African Americans have a disproportionately lower nitric oxide bioavailability in their blood(Taylor)
- Isosorbide acts as a nitric oxide donor while hydralazine is an antioxidant that enhances how effective nitrate(Taylor)

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