

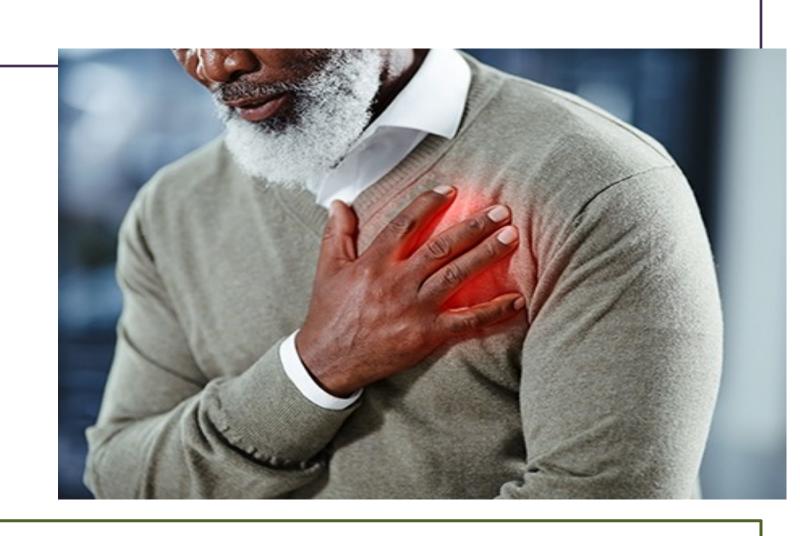
### TACOMA

## BIDIL

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# 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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