

# WHY MEASURE BLOOD PRESSURE AND DOES IT EVEN MATTER?

### What blood pressure measures

 $\begin{tabular}{ll} \textbf{Systolic (top number)}: The pressure of blood pushing against artery walls when heart beats \\ \end{tabular}$ 



**Diastolic (bottom number)**: The pressure of blood pushing against artery walls when heart rests between beats

## High blood pressure (hypertension) can lead to many health problems



- Stroke
- Vision loss
- Heart failure
- · Heart attack
- Kidney disease/failure
- Sexual dysfunction

### Heart disease and blood pressure

Systolic blood pressure rises when large arteries become stiff, plaque builds up, and heart and blood vessel diseases are likely present



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#### **Blood pressure ranges**

Normal: Systolic <120 AND Diastolic <80 Elevated: Systolic 120-129 AND Diastolic <80

Hypertension Stage 1: Systolic 130-139 OR Diastolic 80-89 Hypertension Stage 2: Systolic 140> OR Diastolic 90> HYPERTENSIVE CRISIS: Systolic 180> AND/OR 120>

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