## **BLOOD PRESSURE**

Don't forget the 3 Rs\*

**Regular** checks

**Record** the results

**Remember** the numbers



Date:	My blood pressure reading:
My recommended actions:	
My healthcare professional:	

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- 2. NHS (2018) Blood Pressure Test, NHS website Available at https://www.nhs.uk/conditions/blood-pressure-test/ Last Accessed April 2021
- World Health Organisation 2011 Global atlas on cardiovascular disease prevention and control Available at: https://www.who.int/cardiovascular\_ diseases/publications/atlas\_cvd/en/ Last Accessed December 2019 Available at: https://www.who.int/cardiovascular\_diseases/publications/atlas\_cvd/en/ Last Accessed April 2021
- 4. Cappucio F.P (2013) Cardiovascular and other effects of salt consumption. Available at https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4089690/pdf/ kisup201365a.pdf Last Accessed April 2021
- 5. Drink Aware (2019) Alcohol and Blood Pressure Available at https://www.drinkaware.co.uk/alcohol-facts/health-effects-of-alcohol/effects-on-the-body/alcohol-and-blood-pressure/ Last Accessed April 2021

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- 7. World Health Organisation (2010) Global Recommendations on Physical Activity For Health Available at https://www.who.int/dietphysicalactivity/publications/9789241599979/en/ Last Accessed April 2021
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- 9. Blood Pressure UK. Why measure your blood pressure with a home blood pressure monitor? Available at http://www.bloodpressureuk.org/BloodPressureandyou/Homemonitoring/Whymeasure Last Accessed April 2021
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### HIGH BLOOD PRESSURE, also known as HYPERTENSION,

rarely causes symptoms in the early stages. However, high blood pressure is a major risk factor for cardiovascular disease (CVD) and can lead to a heart attack or stroke, so understanding your blood pressure reading is important.<sup>1</sup>

\*Your healthcare professional will help you with regular checks and recording your results.









Having regular checks is the only way to find out your blood pressure reading. The NHS recommends that all adults over the age of 40 have a check once every five years if their blood pressure is normal.<sup>2</sup> After your check it's important to keep a record of your results and remember the numbers.

### HOW TO INTERPRET BLOOD PRESSURE READINGS<sup>1</sup>

Two numbers make up your blood pressure. This example reads as 120 over 80 and is considered normal.

# 120/80 mmHg

### SYSTOLIC PRESSURE

is blood pressure measured during a heart beat when the heart muscle contracts

#### **DIASTOLIC PRESSURE**

is blood pressure measured during a heart beat when the heart muscle is at rest

Blood pressure ≤ 120/80 mmHg is considered NORMAI 1

A person is diagnosed with HYPERTENSION when their blood pressure rises to 140/90 mmHg or higher<sup>1</sup>

### DEATHS DUE TO CARDIOVASCULAR DISEASE

FOR MFN VS. WOMFN<sup>3</sup>

Heart Attack

Cerebrovascular Disease e.g. Stroke





## MANAGE YOUR HIGH BLOOD PRESSURE WITH LIFESTYLE CHANGES



### DIET

Use less salt. There is a direct relationship between salt intake and blood pressure elevation.4



#### **SMOKING**

Stopping smoking is the single best thing you can do for your heart health. Nicotine stimulates the body to produce adrenaline, making the heart beat faster and raising blood pressure.6



### **ALCOHOL**

Cut down on alcohol. Alcohol can have a serious long-term effect on blood pressure and research has shown that heavy drinking can lead to increased risk of hypertension for both men and women.<sup>5</sup>



#### ACTIVITY

Engage in moderate physical activity for at least 30 minutes per day, five times a week. This can help you maintain a healthy weight.7

MAKING LIFESTYLE CHANGES ARE IMPORTANT, BUT MEDICATION IS OFTEN REOUIRED TO KEEP YOUR BLOOD PRESSURE IN RANGE.8

# **TAKING YOUR BLOOD PRESSURE AT HOME**

Home blood pressure monitoring allows patients to assess their own response to their medication.9

This should only be carried out after a consultation with your healthcare professional who will help you take your blood pressure reading.

### **FOLLOW THESE STEPS TO GET AN ACCURATE READING**

- Do not measure your blood pressure after a big meal or within 30 minutes of drinking caffeine or smoking.
- Always use the same arm for blood pressure readings.
- Before taking your blood pressure, sit still for 5 minutes. 10
  - Sit with your back and arms supported<sup>10</sup>
  - Put the cuff on following the instructions that came with your monitor<sup>10</sup>
  - Position the cuffed arm level with the heart<sup>10</sup>
  - Take at least two measurements 1–2 minutes apart:10
    - Take more measurements if the first two are guite different and consider the average.
  - Always remember to record your results!

High blood pressure is a major risk factor for CVD and can lead to a heart attack or stroke.1

YOU CAN TAKE CONTROL OF YOUR BLOOD PRESSURE. TALK TO YOUR HEALTHCARE PROFESSIONAL TODAY.