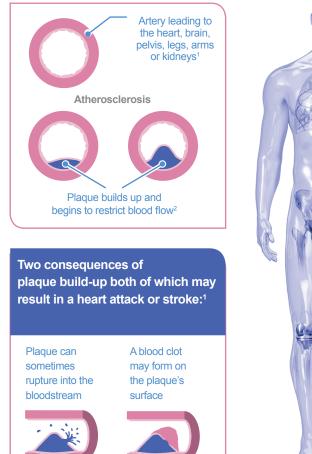
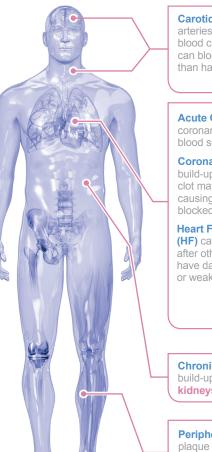
Atherosclerosis and Blood Clots

Atherosclerosis, or hardening of the arteries, is a major risk factor for many cardiovascular (CV) conditions involving blood flow¹



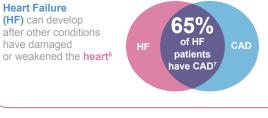
Some of the common conditions related to atherosclerosis:



Carotid Artery Disease is the narrowing or blockage of arteries in the **neck** due to plaque build-up. If plaque or a blood clot breaks off from the wall of the carotid artery, it can block blood flow to the **brain** causing a stroke. More than half of strokes occur due to carotid artery disease³

Acute Coronary Syndrome (ACS) occurs when a coronary artery is blocked by a blood clot, thus reducing blood supply to the heart⁴

Coronary Artery Disease (CAD) is caused by plaque build-up in the coronary arteries⁴. In some cases, a blood clot may block the blood supply to the **heart muscle**, causing a heart attack. If a blood vessel to the brain is blocked by a blood clot, an ischaemic stroke can result⁵



Chronic Kidney Disease can result when plaque build-up slows blood flow from the arteries to the kidneys⁸

Peripheral Artery Disease (PAD) is caused by plaque build-up in the **outer regions of the body,** most commonly the **legs**. Plaque reduces the blood's flow through an artery, triggering a blood clot to form⁹

Risk Factors¹⁰



verweight/ exercise/ p obesity movement





Diabetes High High levels of



It is important doctors inform patients of lifestyle changes and all available treatment options that can help prevent or reverse the process of atherosclerosis related cardiovascular disease

