

Immunity System

Immunity and inflammation are very much connected. We see this at certain times of the year when our **IMMUNE SYSTEM** comes under pressure from viruses and it **RESPONDS BY TRIGGERING INFLAMMATORY PROCESSES** that help our body to fight back.

Symptoms

These inflammatory processes are accompanied by pain, swelling and itching. The redness that we see is the visible manifestation of a healthy response in which the **IMMUNE SYSTEM SENDS WHITE BLOOD CELLS TO FIGHT** viruses and bacteria.

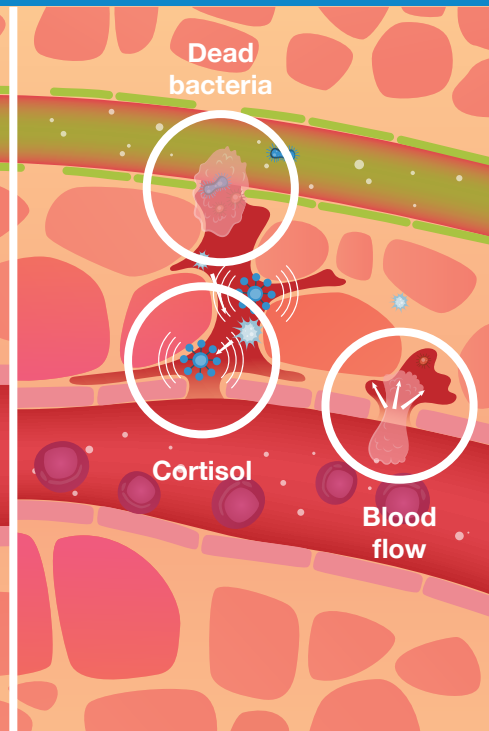
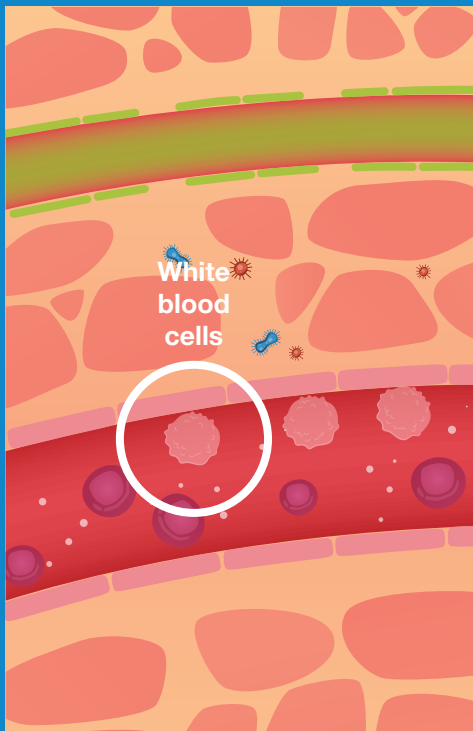


White blood cells

These **WHITE BLOOD CELLS** are transported via our capillaries. However, when they arrive at the problem area, the openings in capillaries are too small to let them pass. The body therefore breaks the capillaries so that the white blood cells can be delivered.

Blood flow

Blood now flows freely into the tissue surrounding the capillaries.



Bacteria

The **DEAD BACTERIA**, along with the debris created by the breaking of the capillaries, is carried away in lymphatic fluid via the lymphatic system.

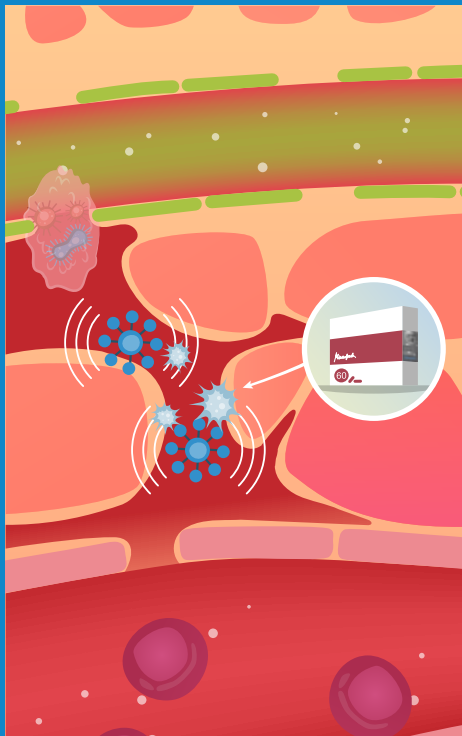
Cortisol

The restoration of the broken capillaries starts when a substance called **CORTISOL TELLS THE BODY THAT THE INFLAMMATION CAN STOP**.

Recent laboratory research suggests that MASQUELIER's® Original OPCs support the cortisol-signalling function, most likely by addressing the **FREE RADICAL STRESS**.

Free radicals

Pollution and stress are known to produce damaging, reactive substances called **FREE RADICALS**, capable of compromising the cortisol-signaling function in our body.



Consequently, the inflammation does not know when to stop and continues indefinitely. To counter this, many people take medication.

In doing so it helps tell the body to start the restoration process in the inflamed area, so that we can get on with our lives quickly.

