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IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

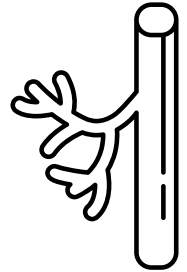
مستشفى الملك فهد الجامعي  
King Fahad Hospital The University

# Abdominal Aortic Aneurysm

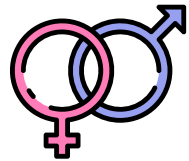


# What is Abdominal Aortic Aneurysm?

It is the dilation of an artery by at least 50% above its normal diameter. In the abdominal aorta, the diameter may expand to more than 3 cm.

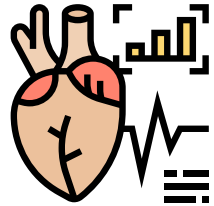


About 5% of people +50 years old develop abdominal aortic aneurysm. It is more common among men than women, and the incidence of men versus women is 1:9.



# What are the symptoms of Abdominal Aortic Aneurysm?

Most cases of [abdominal aortic aneurysms](#) are asymptomatic and are diagnosed randomly by imaging tests that are performed for other reasons.



When a rupture of the aneurysm wall occurs, the patient begins to feel abdominal pain that extend to the back and feels hemodynamic changes as well. It is possible to encounter and feel a sensitive and pulsating mass during the abdominal examination.



# What are the symptoms of Abdominal Aortic Aneurysm?

❖ Fever



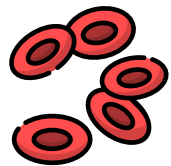
❖ Extra white blood cell count



❖ Weight loss



❖ weight loss and increased frequency of erythrocyte sedimentation may be signs of an inflammatory or infectious expansion of the [abdominal aortic aneurysms](#).



## What are the reasons and risk factors of abdominal aortic aneurysms?

Some people may believe that atherosclerosis was the main cause of the abdominal aortic aneurysms, and others believe that there are many causes leading to weakness of the blood vessels walls, such as:

- Genetic Factors



- Hypertension



- Infections, and in some rare cases, the cause may be an infection affecting the arterial wall.



**Warning:** The patient's life could be in danger due to the rupture of the wall and the occurrence of bleeding.

## Sources and references

All pictures used are from the (flaticon) website

## Review and audit:

The content of this booklet has been reviewed by consultants of the  
Surgery department at King Fahad University Hospital

## Health Awareness Unit

IAU-20-86



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