# Monckeberg Sclerosis




PLAY PICMONIC

## Characteristics

**Calcification of Tunica Media**
Calcified-cow with the Tunic Media
Mönckeberg sclerosis is characterized by calcification or calcium deposits of the tunica media, which is the muscular middle layer of the artery wall.

**Medium and Small-Sized Arteries**
Medium-sized and Small-sized Archery-artery
Mönckeberg sclerosis appears in the medium and small-sized arteries.

**Benign**
Bunny
Mönckeberg sclerosis is a benign condition with a slow progression, and the patient is usually asymptomatic. <br>

**Does Not Obstruct Blood Vessels**
No-sign Obstruction of Blood-vessels
It does not obstruct blood vessels or significantly narrow the arterial lumen due to no thickening of the tunica intima.

## Epidemiology

**Elderly >50 Years Old**
Elderly-person Greater-than 50-cent
Mönckeberg sclerosis is more prevalent in elderly patients older than 50 and in diabetics. It commonly occurs independently of atherosclerosis.

## Associations

**Hyperphosphatemia**
Hiker-phosphate-P
Hyperphosphatemia may induce apoptosis or necrosis of the medial vascular smooth muscle cells, which continue to develop medial calcification (e.g., uremia).<br>

**Chronic Kidney Disease**
Crone Kidney
Chronic kidney disease contributes to the development of uremia which can induce hyperphosphatemia mentioned in the previous fact.

**Diabetes Mellitus**
Dyed-bead-pancreas
Mönckeberg sclerosis is commonly associated with diabetes mellitus, chronic kidney disease, and the risk increases with age.<br>

Sign up for FREE at picmonic.com

## Consideration

**Poor Prognosis**

Gravestone

The patient can have a poor prognosis due to increased arterial stiffness resulting in an increased damage risk in the heart and kidney.

Sign up for FREE at picmonic.com