



### **Lower Quadrantic Vision Loss**

#### [Eye showing Vision Loss in Lower Quadrant](#)

Vision loss that involves only one-fourth of the visual field in both eyes. It is also commonly referred to as "pie on the floor" visual defect. It involves damage to the dorsal optic radiations, parietal lobe through trauma or a middle cerebral artery infarction.

### **Meyer's Loop**

#### [Meyer's Loop](#)

Meyer's loop is the ventral part of the pathway that carries information to the visual cortex. It wraps around the inferior horn of the lateral ventricle.

Lesion of the loop on one side leads to vision loss in the contralateral upper quarters of both eyes.

### **Upper Quadrantic Vision Loss**

#### [Eye showing Vision Loss in Upper Quadrant](#)

Also commonly referred to "pie in the sky" visual defect involving one-fourth of the superior visual field. The temporal lobe houses Meyer's loop and lesions of the right loop leads to left upper quadrantic anopia. Traumatic injuries to the right temporal lobe are a common cause or a middle cerebral artery infarct.