

## Visual Field Defects

### Monocular visual loss

*Ipsilateral retinal or optic nerve lesion*

Retinal e.g. central retinal artery/vein occlusion, retinal detachment  
Optic nerve e.g. optic neuritis, optic atrophy, glaucoma

### Bitemporal hemianopia

*Optic chiasm lesion*

e.g. pituitary tumour, craniopharyngoma

### Homonymous hemianopia

*Contralateral optic tract lesion*

e.g. middle cerebral artery occlusion

**PITS**

Parietal  
Inferior  
Temporal  
Superior

### Homonymous inferior quadrantanopia

*Contralateral parietal (upper) optic radiation lesion*

e.g. parietal stroke or tumour

### Homonymous superior quadrantanopia

*Contralateral temporal (lower) optic radiation lesion*

e.g. temporal stroke or tumour

### Homonymous hemianopia with macular sparing

*Contralateral occipital visual cortex lesion*

e.g. posterior cerebral artery occlusion

