Pauwels Classification

Femoral neck fractures · angle of the fracture line with the horizontal

I	**Angle < 30°**	more horizontal, more stable
II	**Angle 30-50°**	
III	**Angle > 50°**	more vertical, unstable

Higher angle	Type III	Not Garden
More shear force: more instability	Highest risk of nonunion and necrosis	Pauwels = angle of the line; Garden = displacement

Displaced femoral neck fractures carry a high risk of avascular necrosis and nonunion