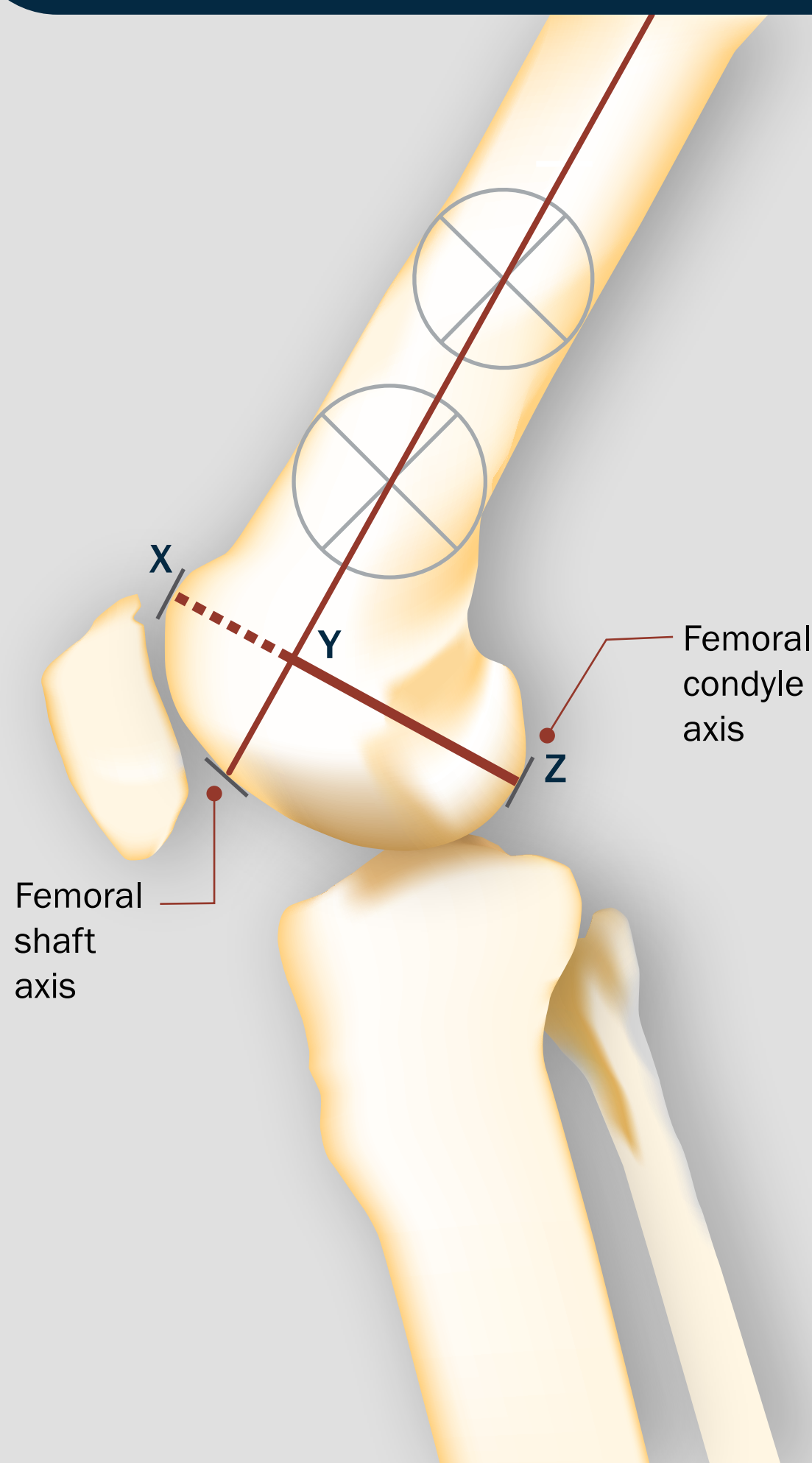


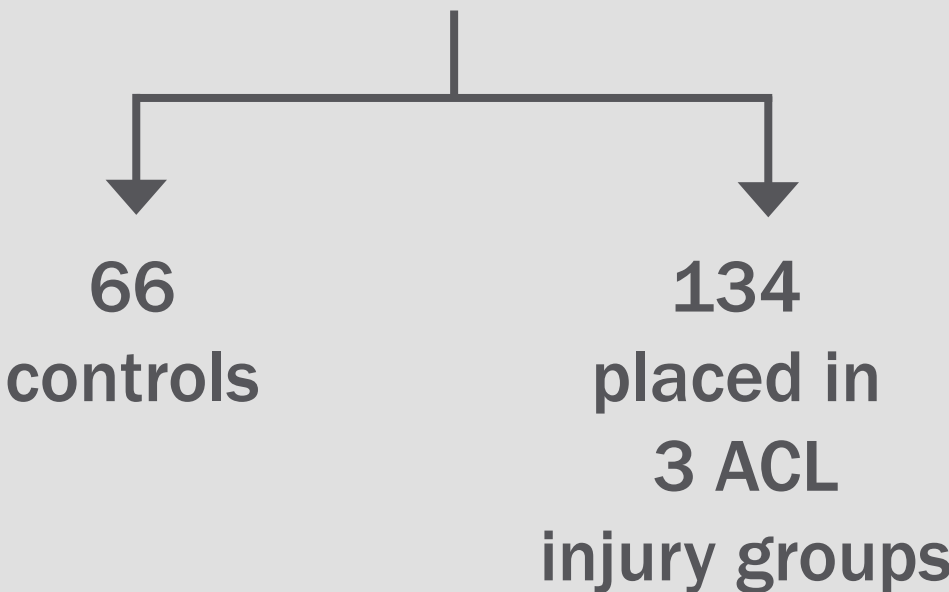
Is the shape of the femur associated with an increased prevalence of ACL injuries?

In 200 patients who underwent arthroscopic knee surgery and had a minimum follow up of 2 years...



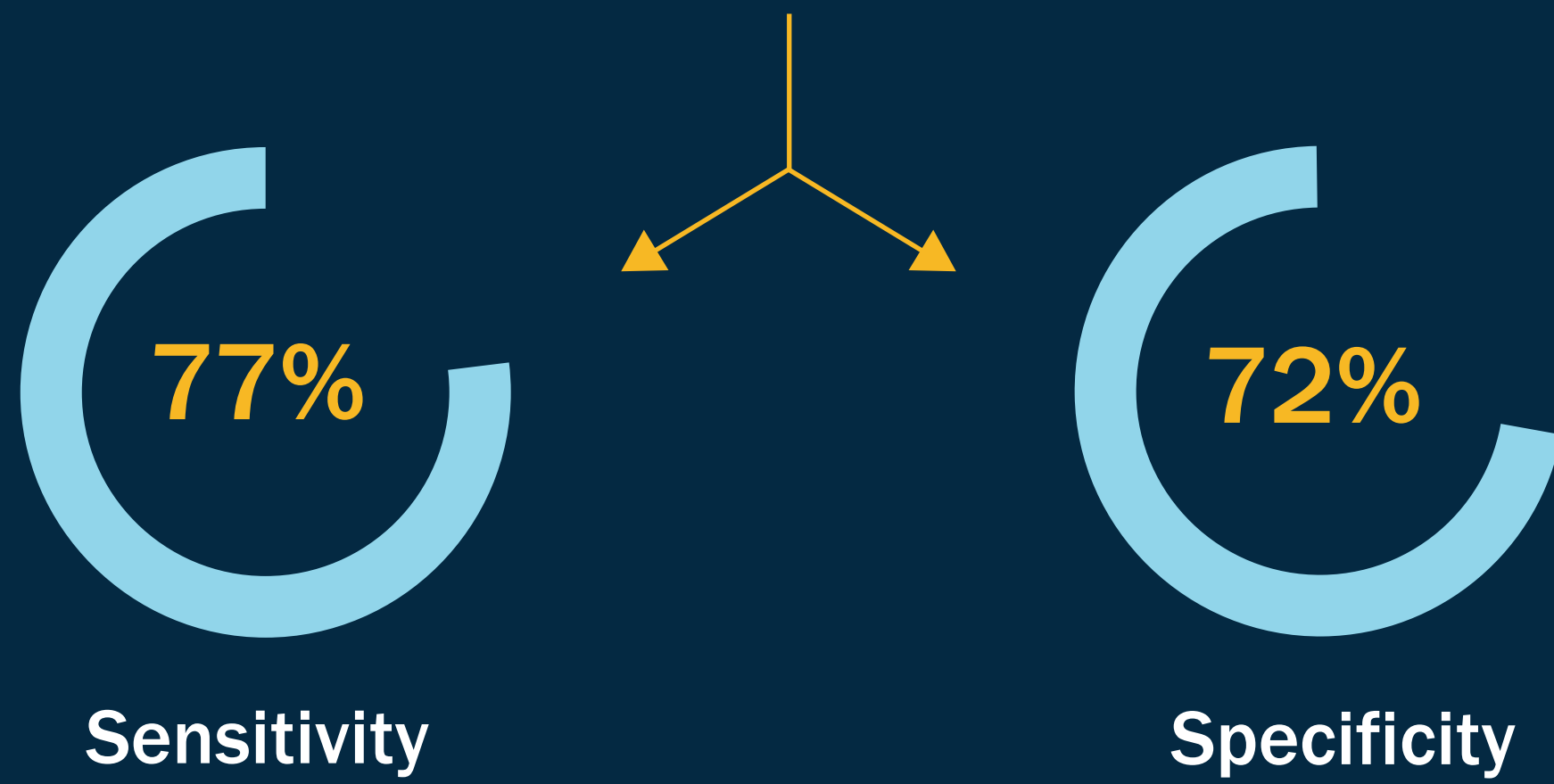
the lateral femoral condyle ratio was calculated using the formula

$$(YZ/XZ) \times 100$$



Group	Controls	Primary ACL injury	Failed ACL reconstruction	Contralateral ACL injury
Average Lateral Femoral Condyle ratio	61.2%	64.2%	64.4%	66.9%

A lateral femoral condyle ratio of > 63% predicts increased prevalence of ACL injuries with



Increased posterior femoral condylar depth, quantified using the lateral femoral condyle ratio, is associated with an increased incidence of ACL injuries