

- Knee osteoarthritis and rotator cuff pathology: coexistence, genetic and molecular risk factors

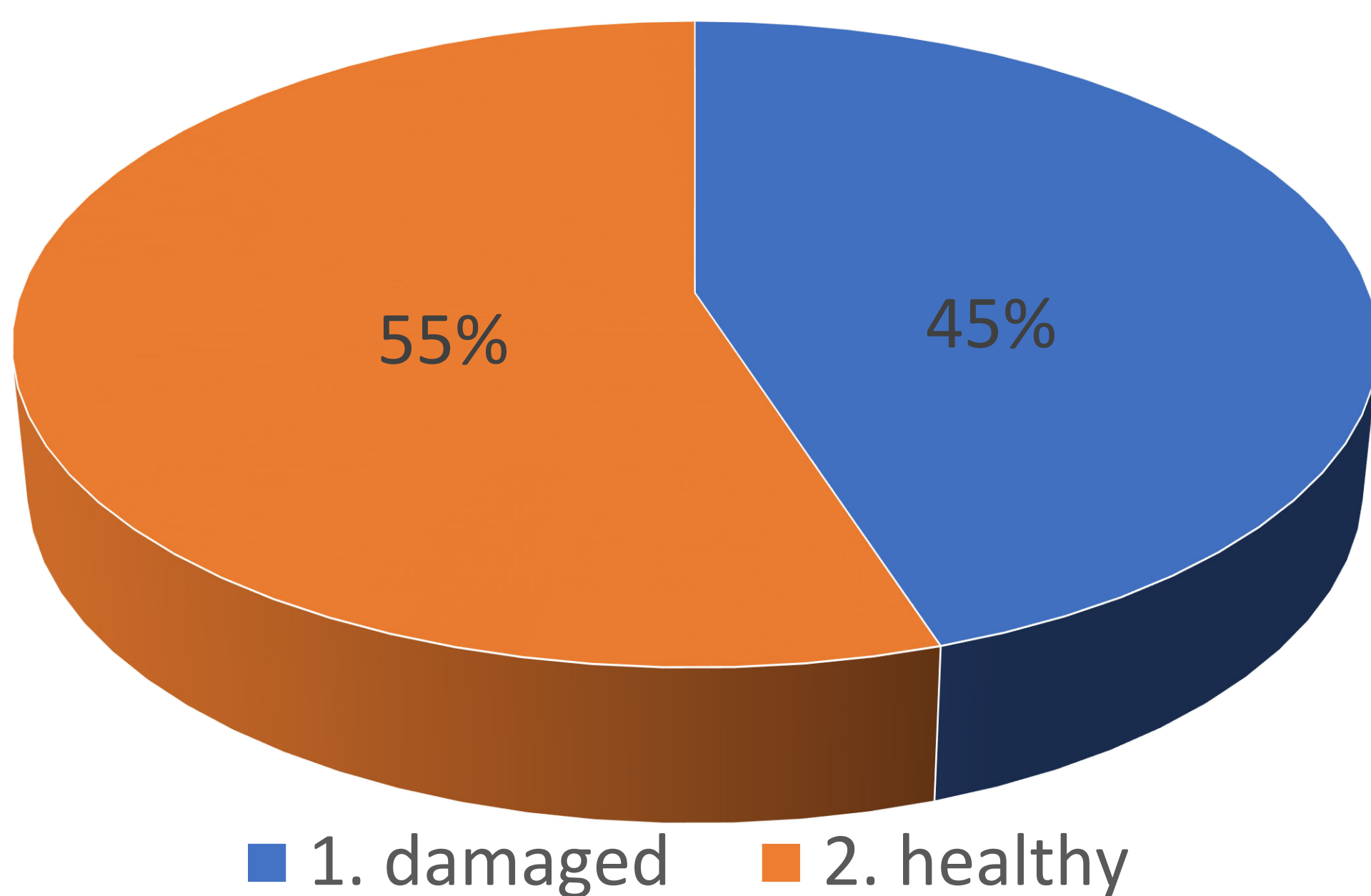
Hypothesis

- Rotator cuff injury is more common in patients with coexisting knee osteoarthritis.
- There are molecular markers that are positively correlated with the coexistence of both pathologies.

Numbers

- About 28 % of people older than 60 have full thickness rotator cuff tear
- 10-13 % of population over 60 have symptomatic knee osteoarthritis
- 240 per 100,000 new cases per year of symptomatic knee OA

Patients after TKA: Rotator cuff in USG



Collagen – a common denominator?

- Type I – present in cartilage
- Type II – present in tendons
- Type III – present in tendon, synovial membrane

