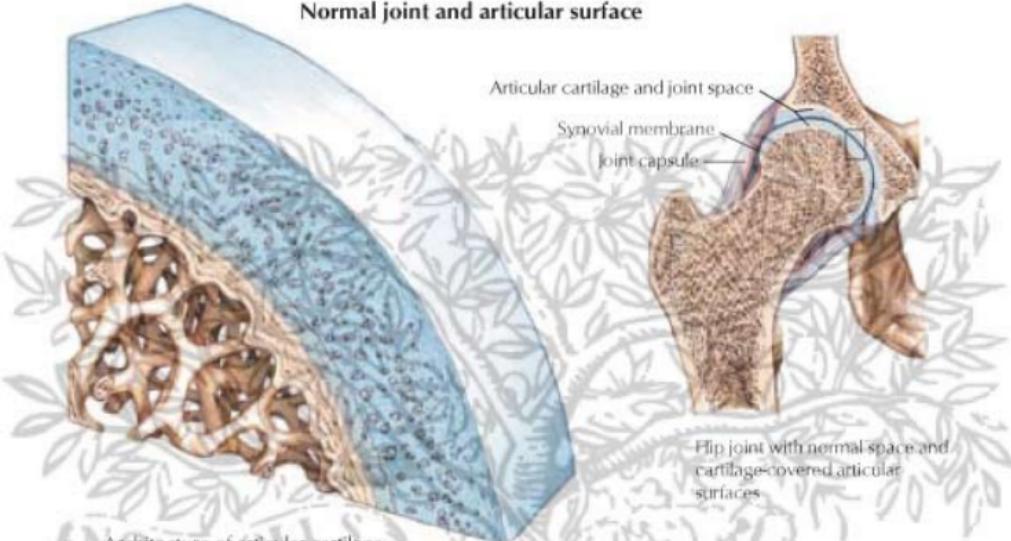


## Normal joint and articular surface

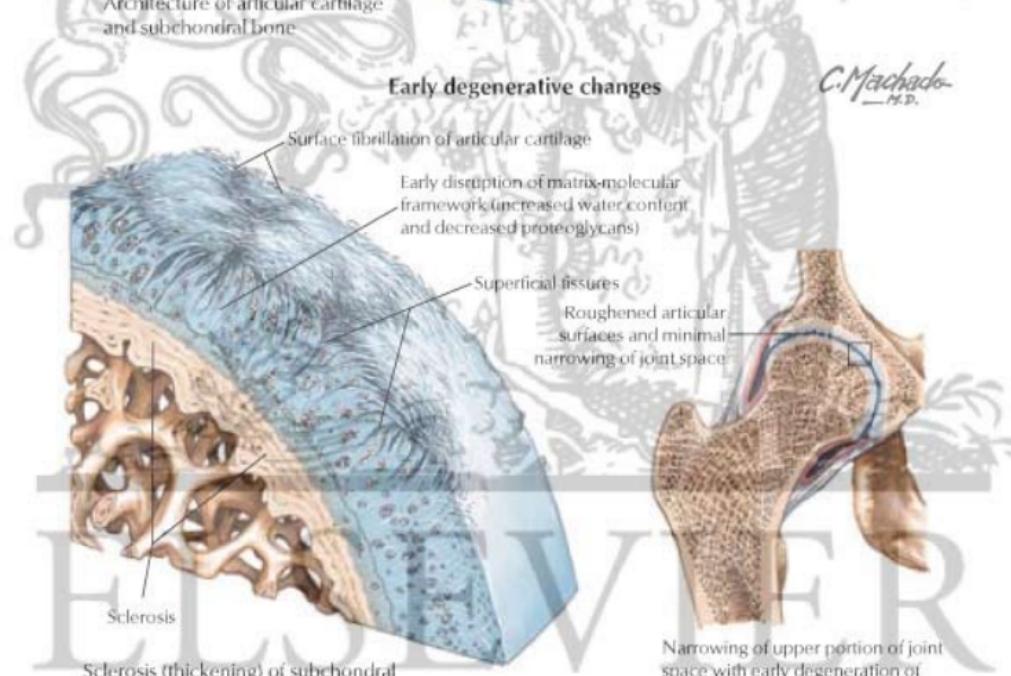


Architecture of articular cartilage and subchondral bone

Hip joint with normal space and cartilage-covered articular surfaces

## Early degenerative changes

C. Machado  
M.D.



Sclerosis (thickening) of subchondral bone early sign of degeneration

Narrowing of upper portion of joint space with early degeneration of articular cartilage