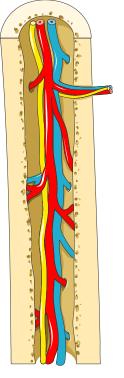


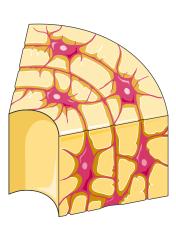
Bone structure



Osteon

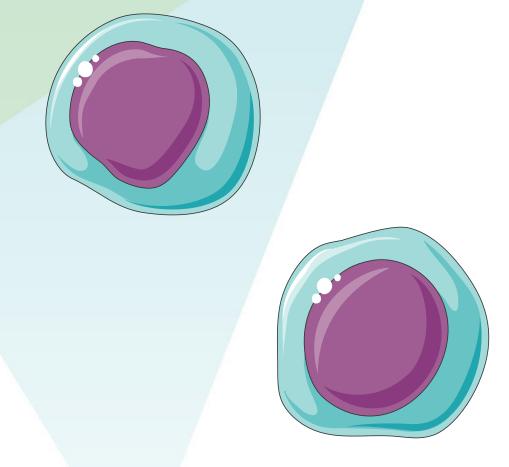


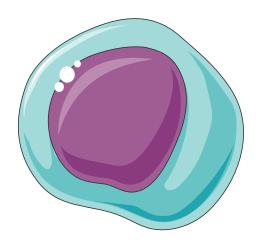






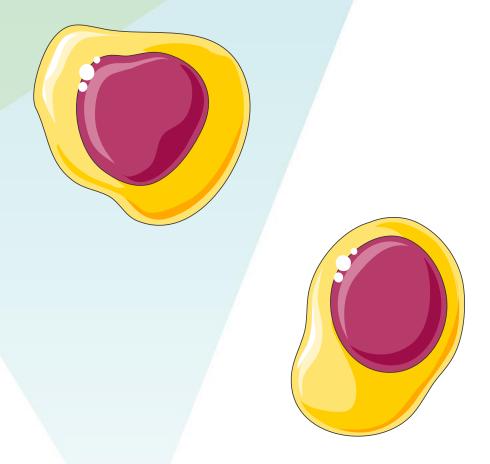
Stem cells

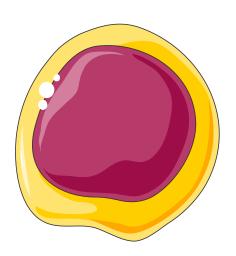






Osteoclast progenitors







Osteoclast precursors

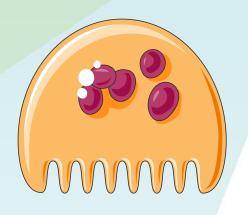


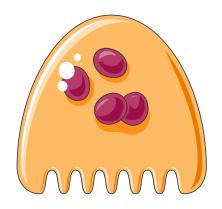






Osteoclasts

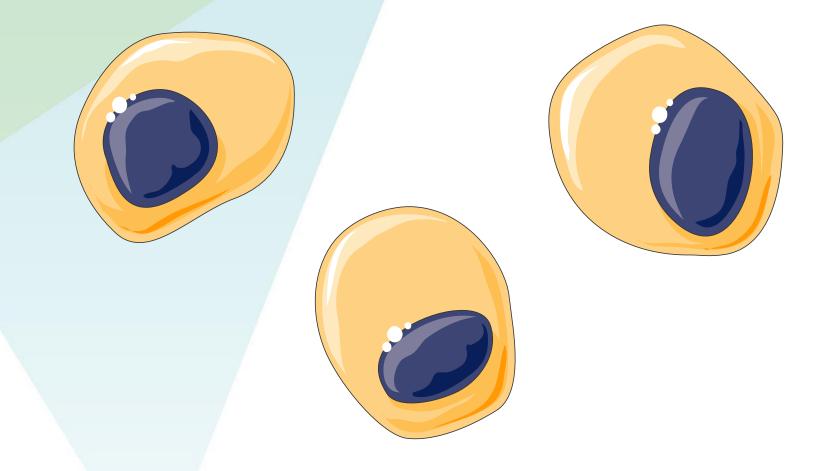






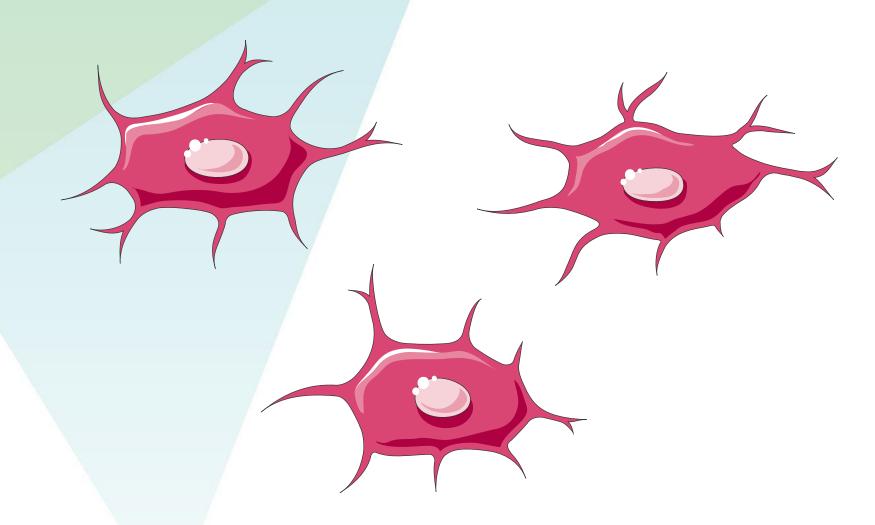


Osteoblasts



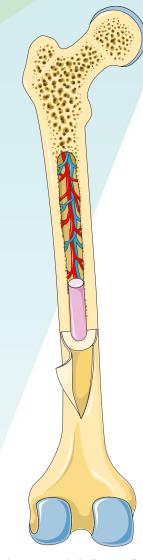


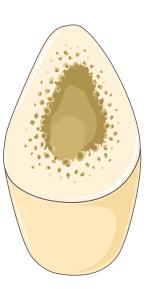
Osteocytes





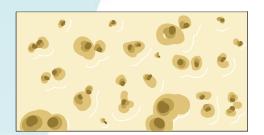
Bone structure (1)

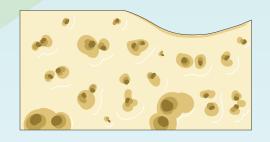


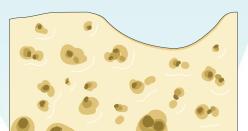


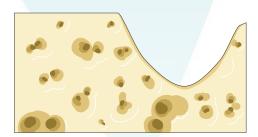


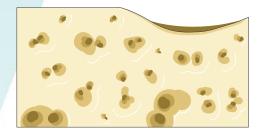
Bone structure (2)

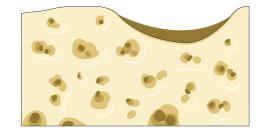


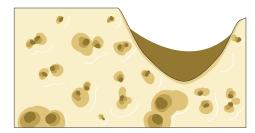


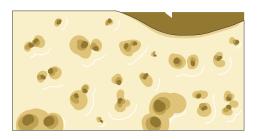


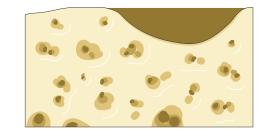


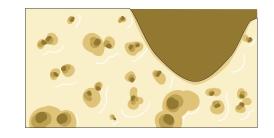






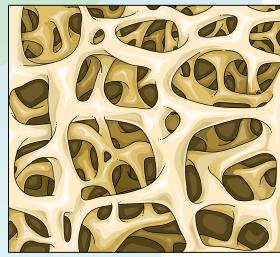




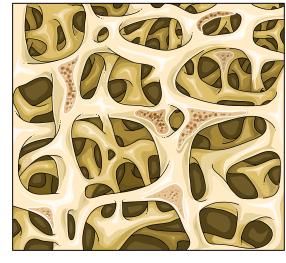




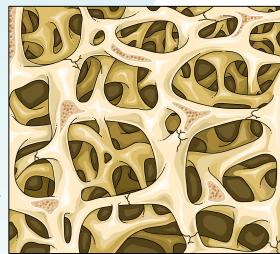
Trabecular bone (1)



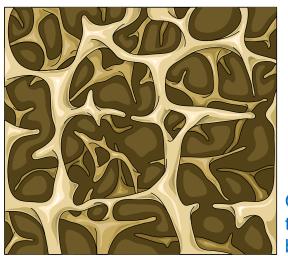
Normal trabecular bone



Trabecular bone with resorption areas



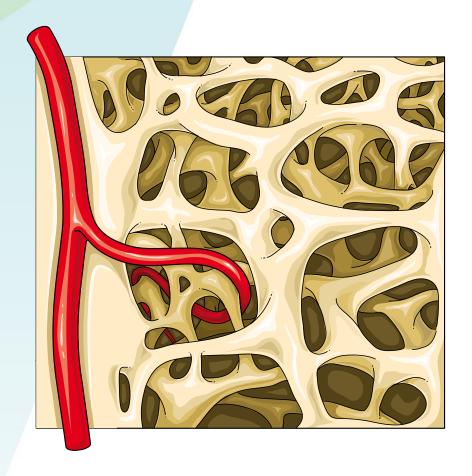
Trabecular bone with microcracks



Osteoporotic trabecular bone

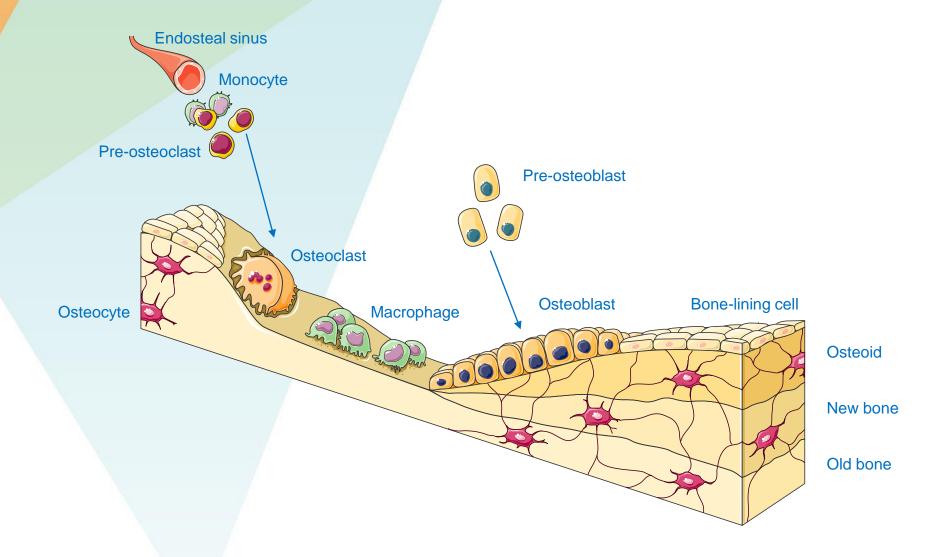


Trabecular bone (2)



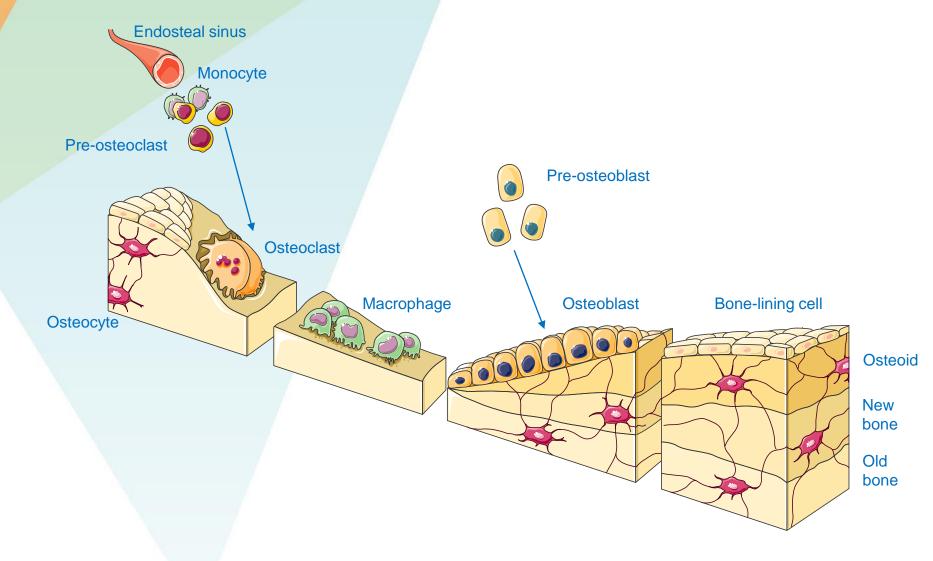


Bone remodeling cycle (1)





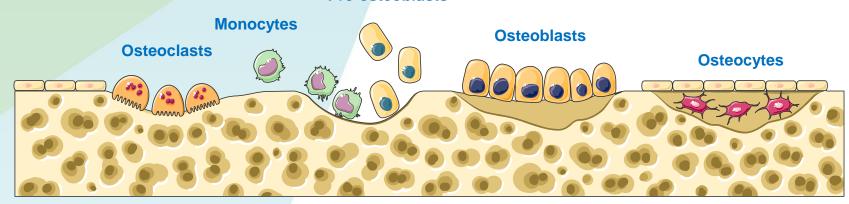
Bone remodeling cycle (2)

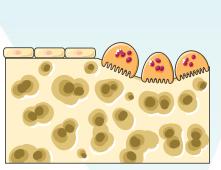


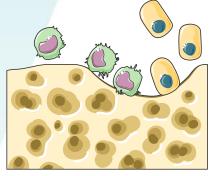


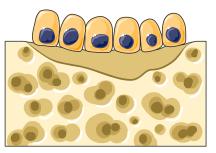
Bone remodeling cycle (3)

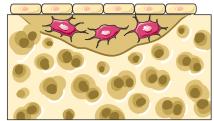
Pre-osteoblasts





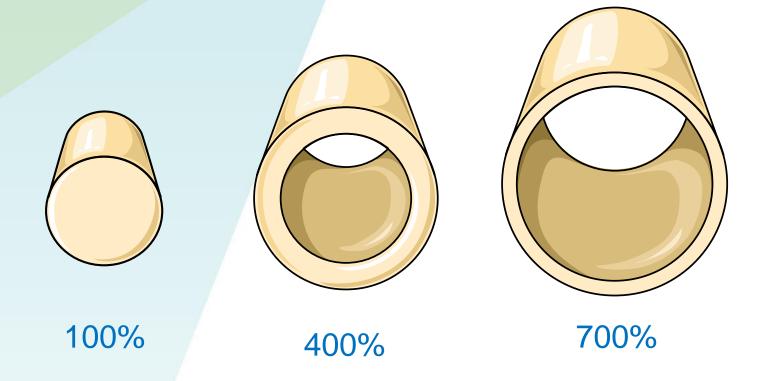








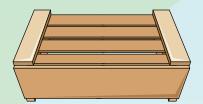
Bone dimensions



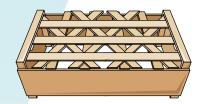
Bone size (length and diameter) influences bone strength



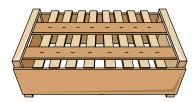
Bone properties



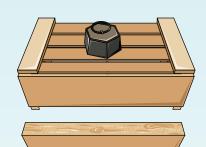
Bone mass



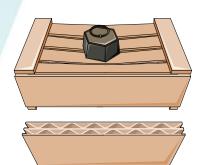
Micro-architecture

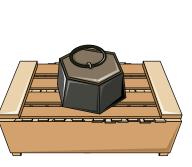


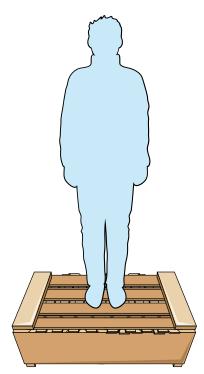
Connectivity



Intrasic properties

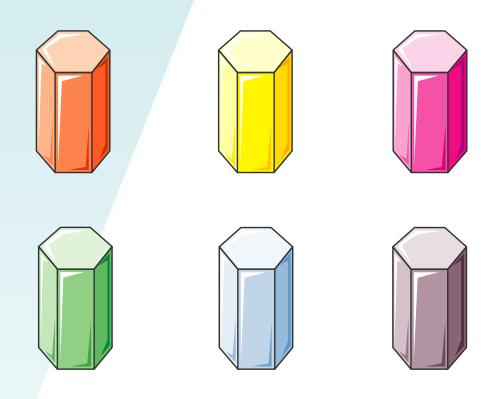






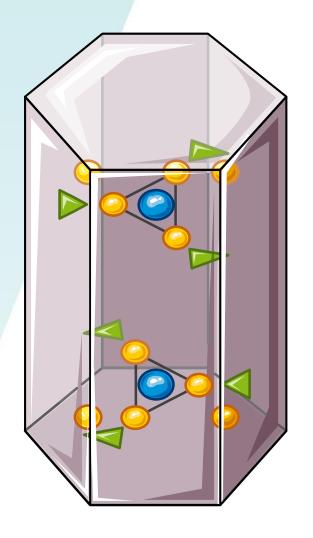


Hydroxyapatite (1)



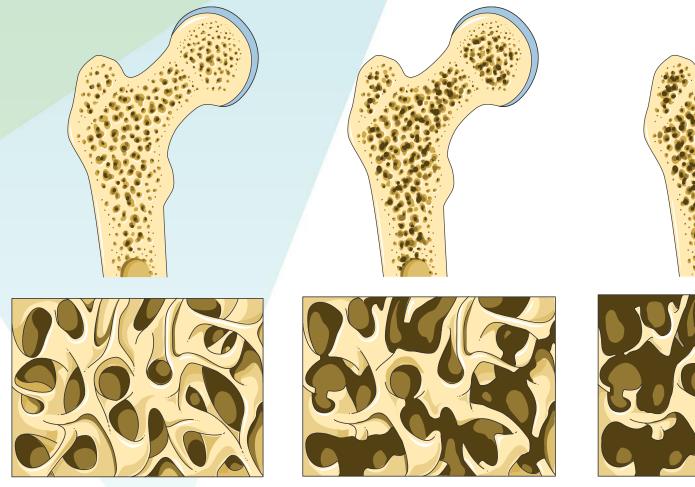


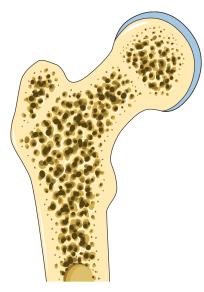
Hydroxyapatite (2)

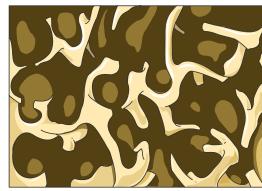




Osteoporosis

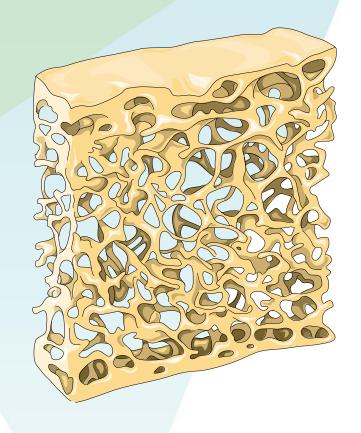


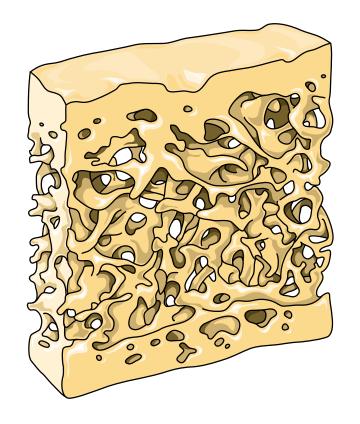






Bone biopsies



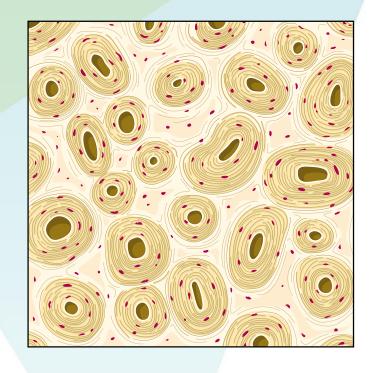


Osteoporotic bone

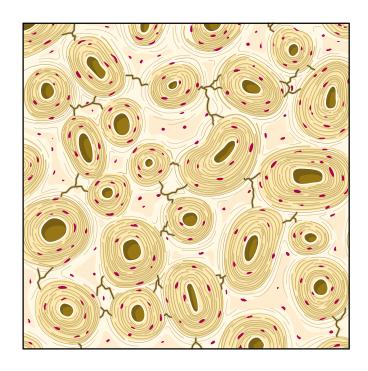
Newly formed bone



Osteons



Osteons



Osteons with microcracks

