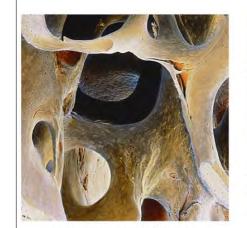


Age and Dietary Related Changes to Bone

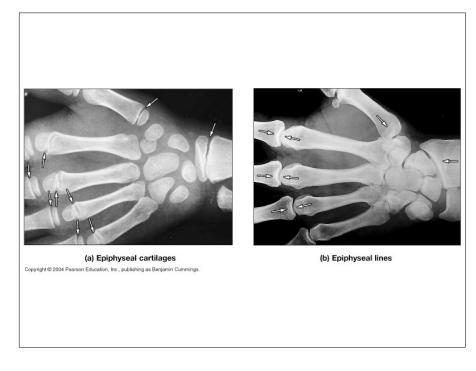


(a) Normal spongy bone (SEM imes 25) Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.



(b) Spongy bone in osteoporosis $(SEM \times 21)$





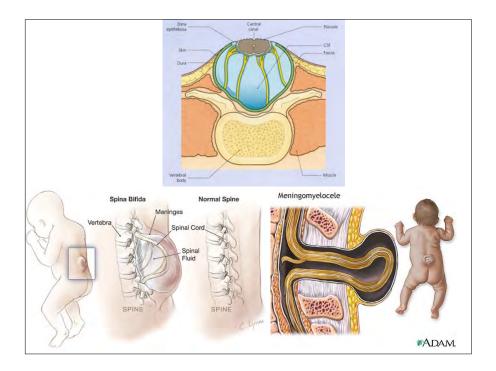


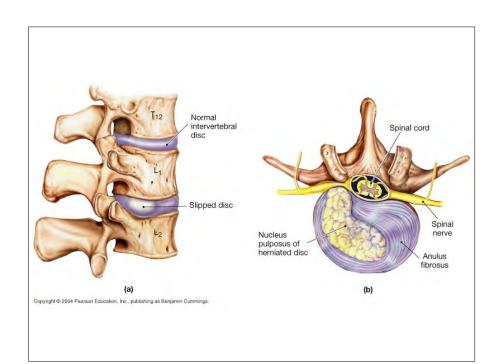










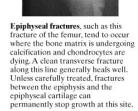




A Colles' fracture, a break in the distal portion of the radius, is typically the result of reaching out to cushion a fall.



In a greenstick fracture, such as this fracture of the radius, only one side of the shaft is broken, and the other is bent. This type of fracture generally occurs in children, whose long bones have yet to ossify fully. Copyright © 2004 Pearson Education, Inc., publishing as Benjamin Cummings.





Compression fractures occur in vertebrae subjected to extreme stresses, such as those produced by the forces that arise when you land on your seat in a fall.

Compression Fracture

