

مفاصل

SYNDESMOLOGY مفصل شناسی

JOINTS

× 1) فیروزه یا رشته ای (یا بدون حرکت)

درزی (Suture): استخوان های جمجمه

سین دسموز : بین زند زبرین و زیرین

گامفوز : دندان ها در آلوئول های دندانی

× 2) مفاصل غضروفی (یا کم تحرک)

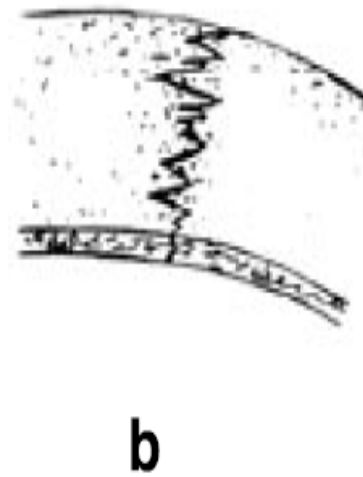
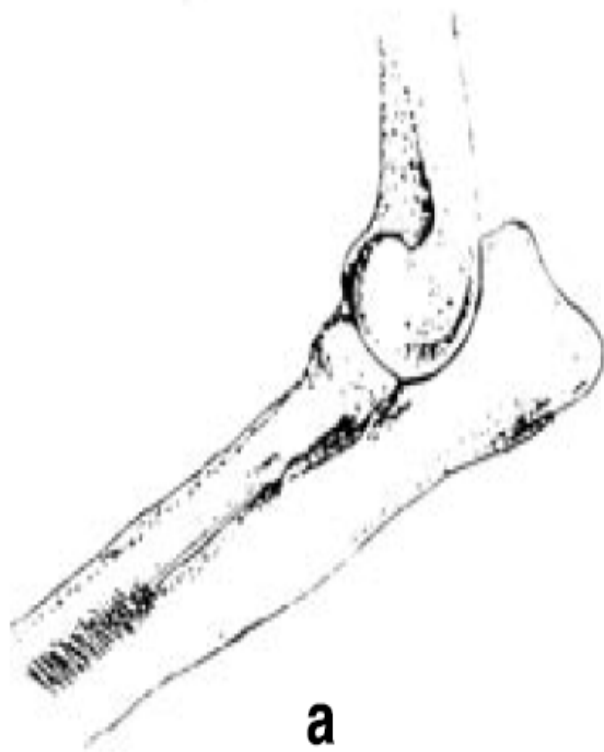
سین کندروزیس : بین دو دیافیز و اپی فیز استخوان

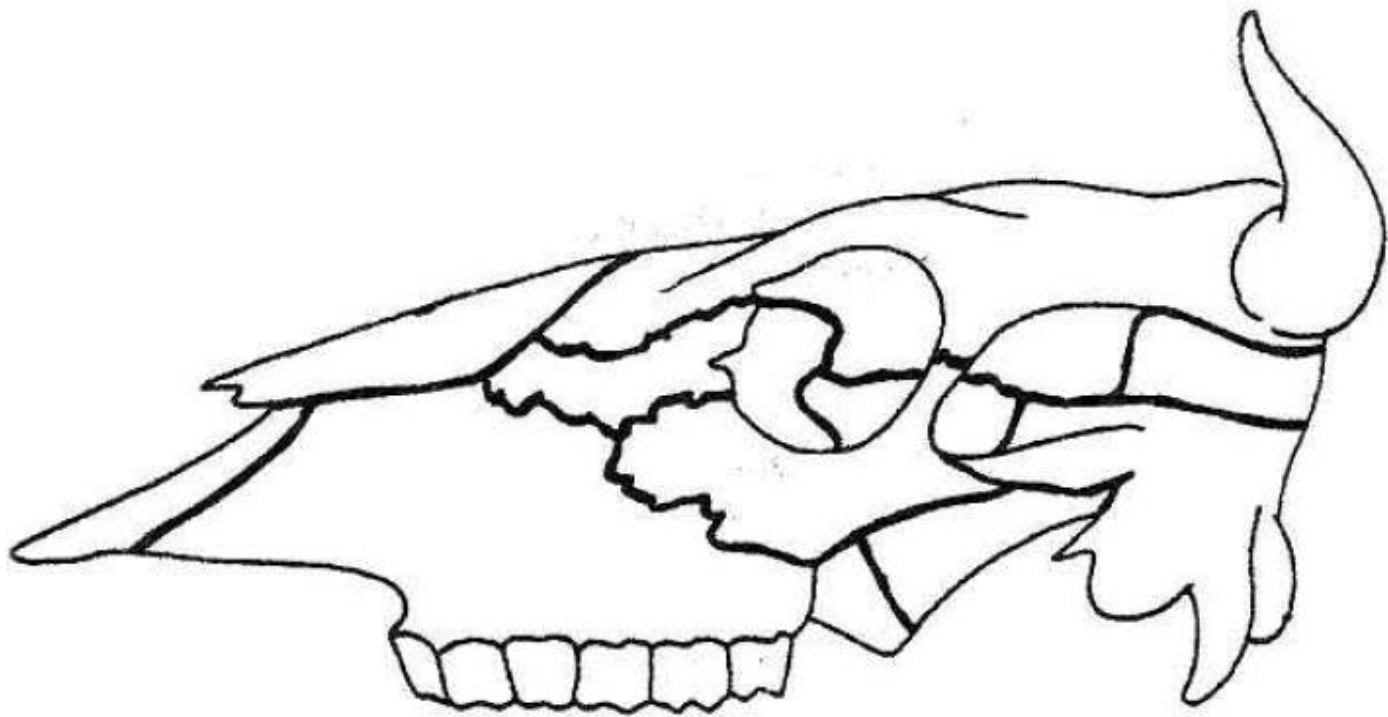
سیمفیزیس : بین دو مهره ، بین دو نیم لگن

× 3) مفاصل سینوویال (یا پر تحرک)

زانو ، آرنج ، مچ و.....

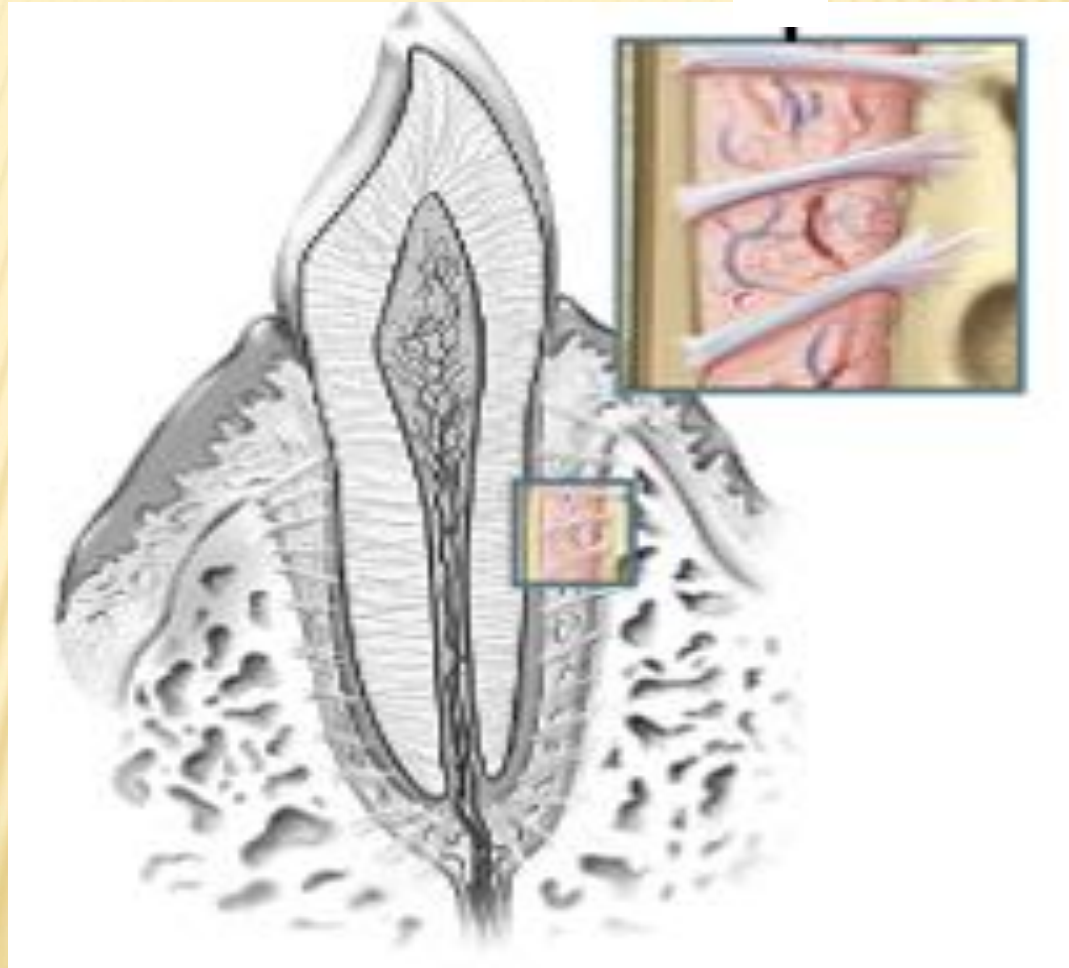
Types of Fibrous Joints



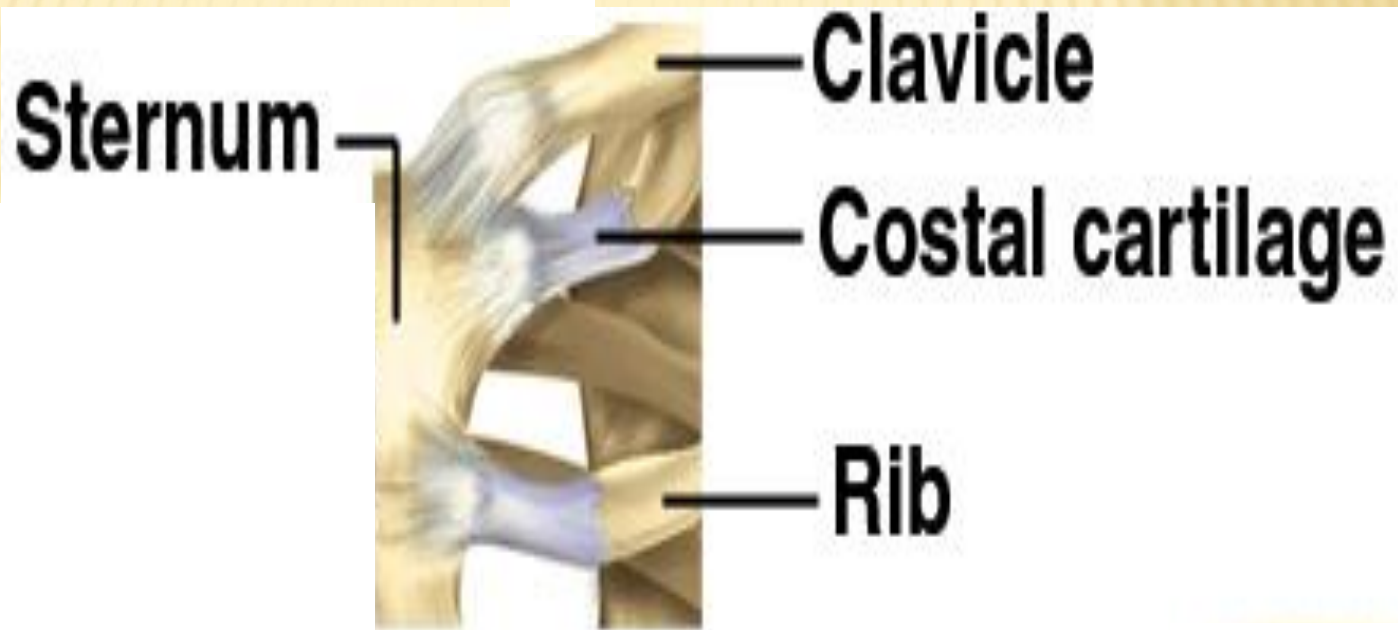


Suture

GOMPHOSES



SYNCHONDROSES



SYMPHYSIS

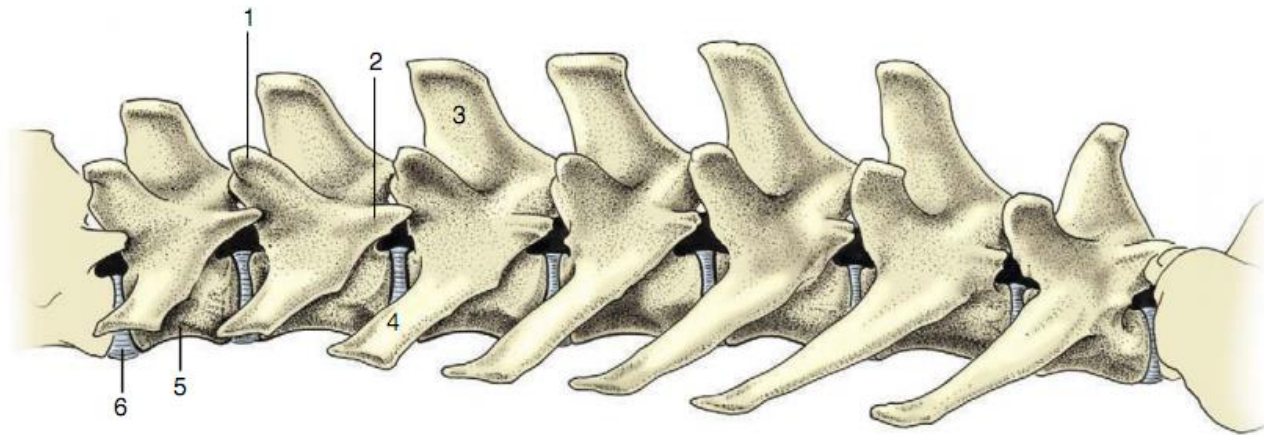
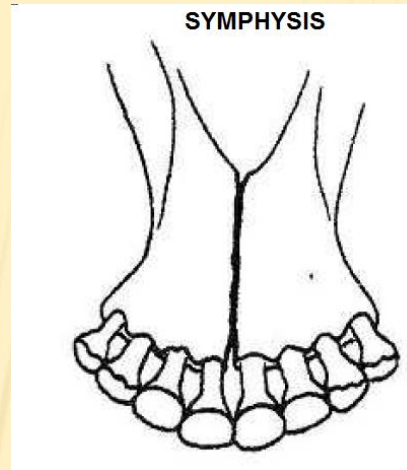
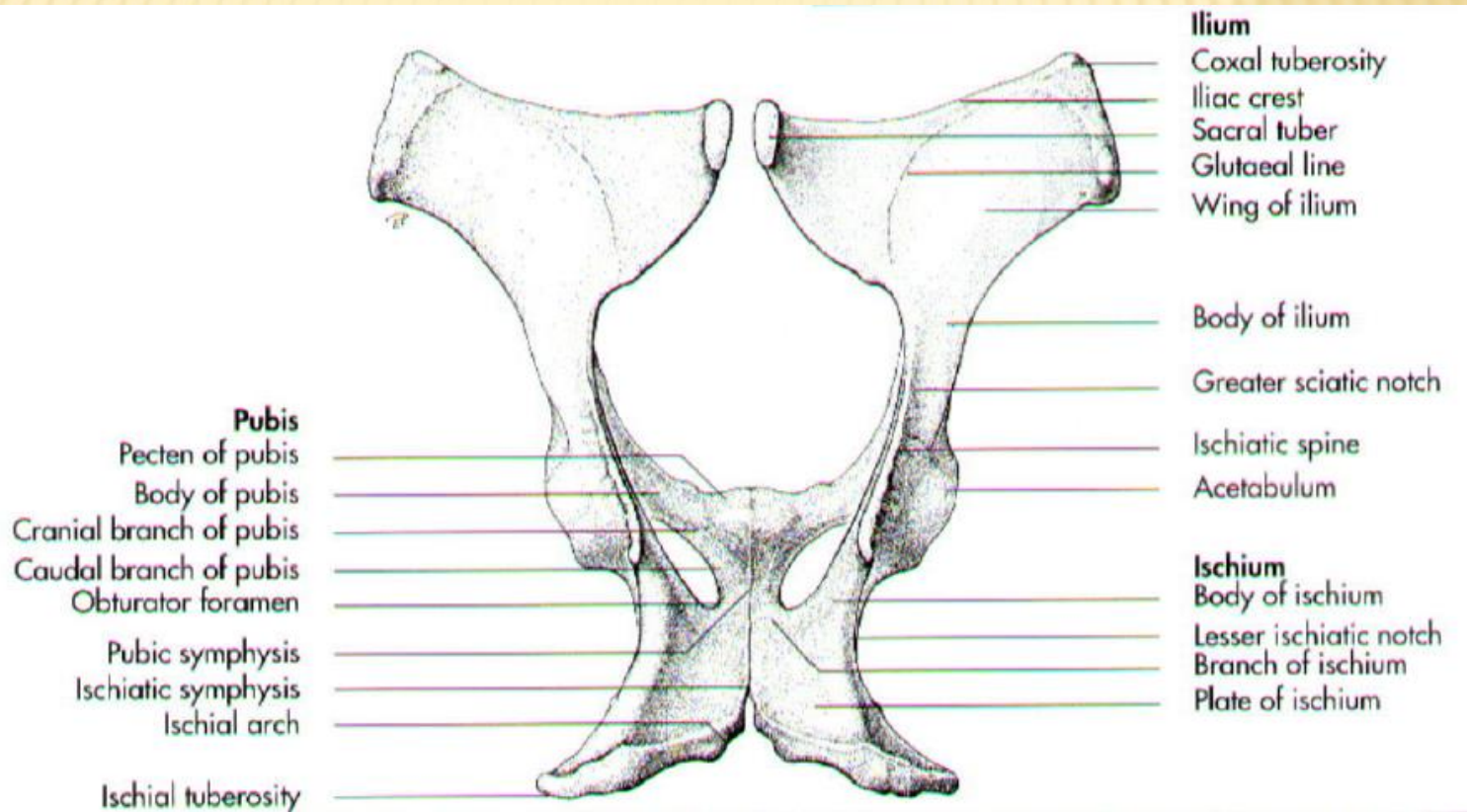


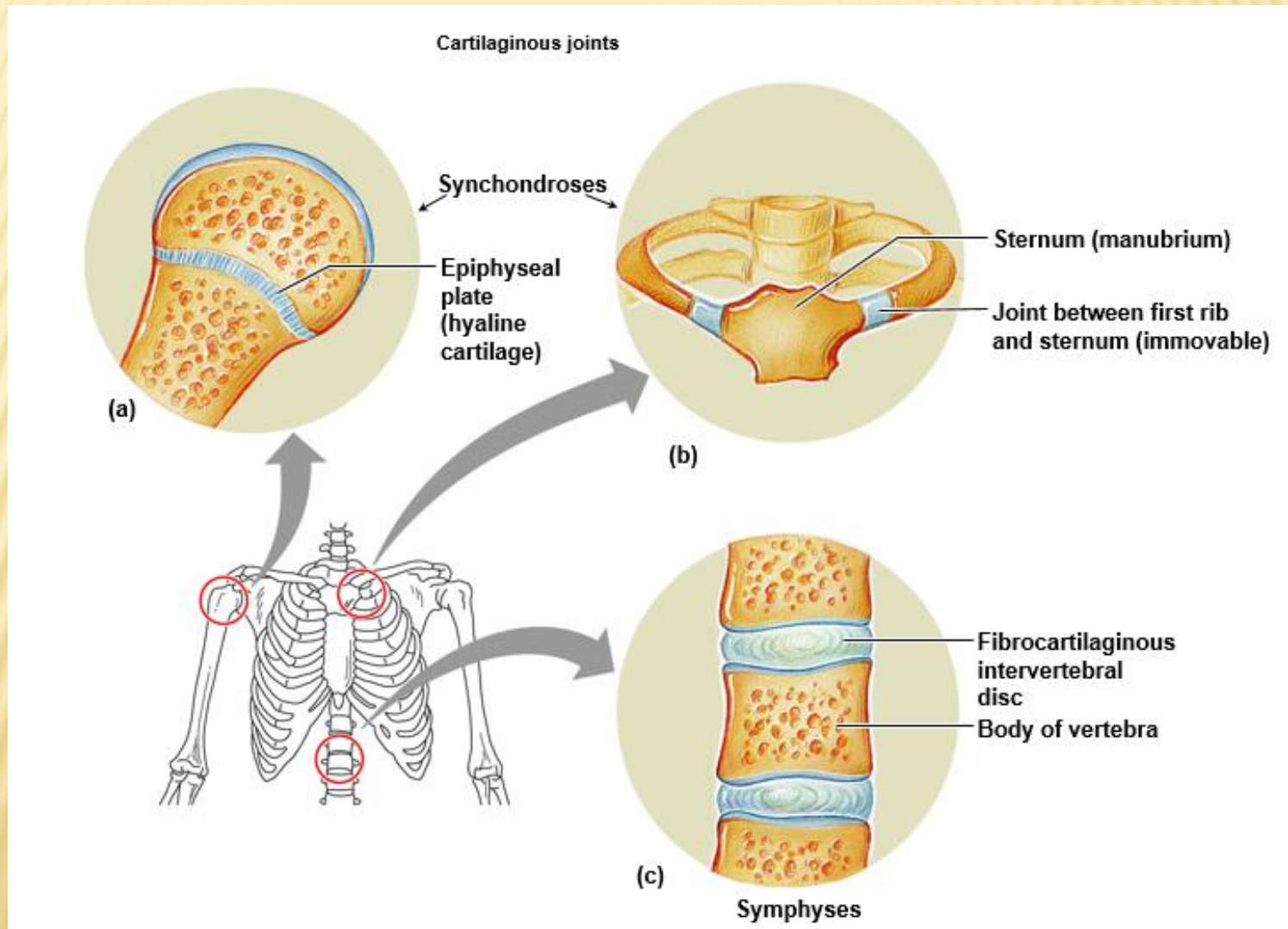
Figure 2-11 Lumbar vertebrae of the dog, left lateral view. 1, Mamillary process; 2, accessory process; 3, spinous process; 4, transverse process; 5, body; 6, intervertebral disk.



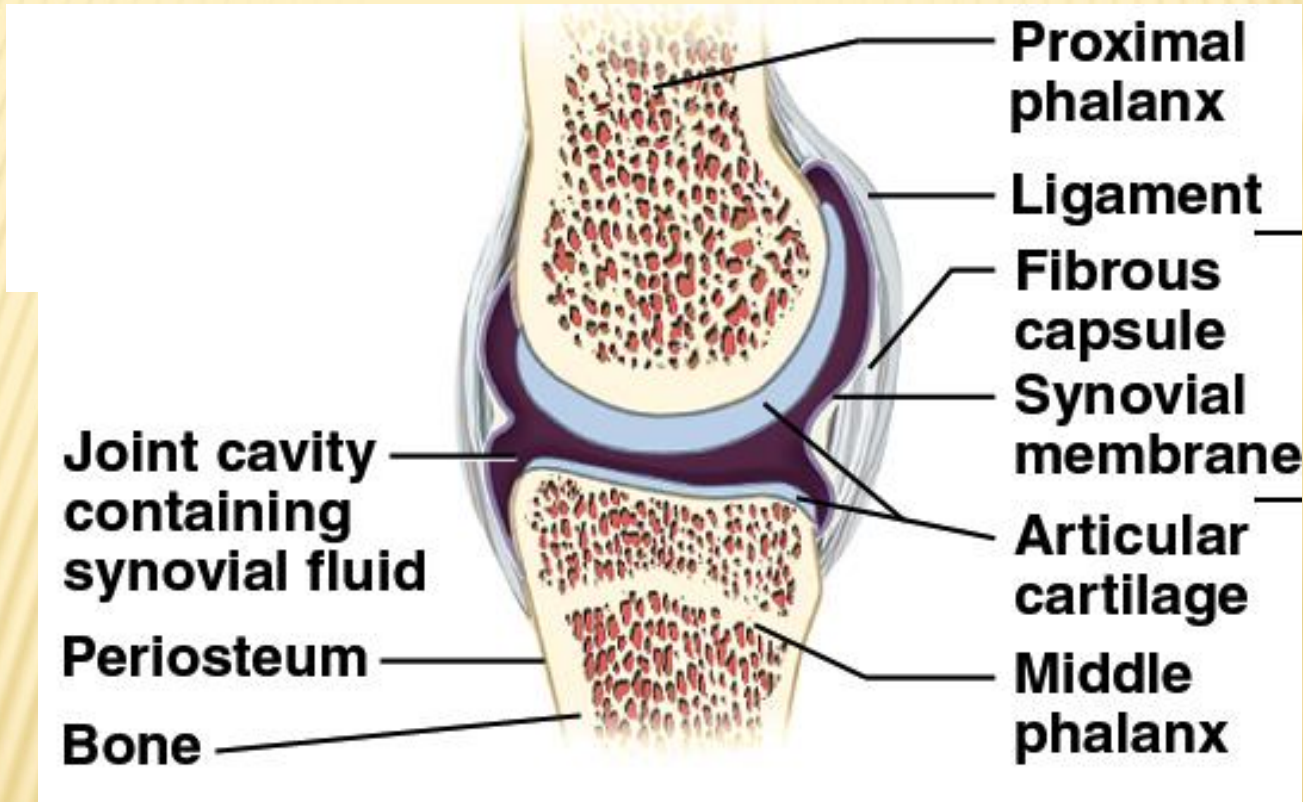
SYMPHYSIS



SYNCHONDROSIS & SYMPHYSIS



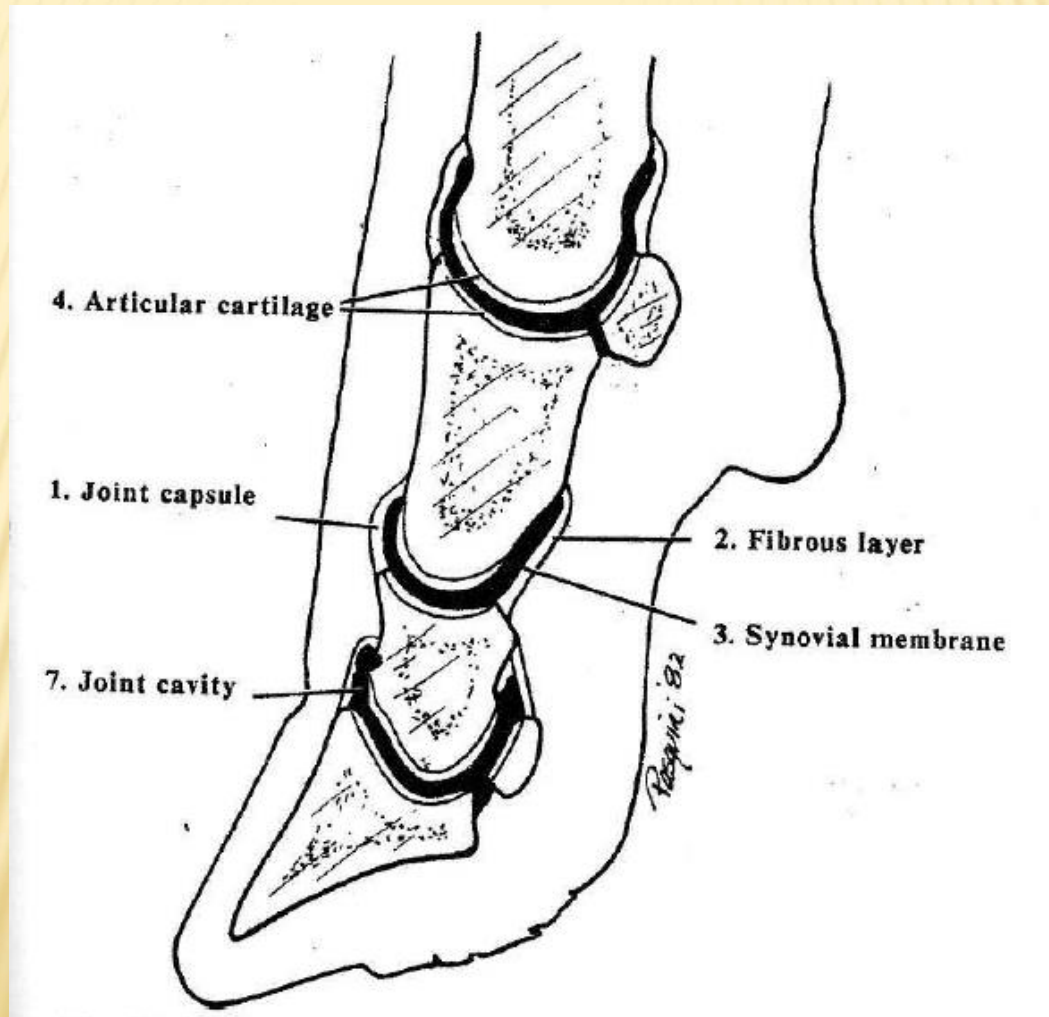
SYNOVIAL JOINT



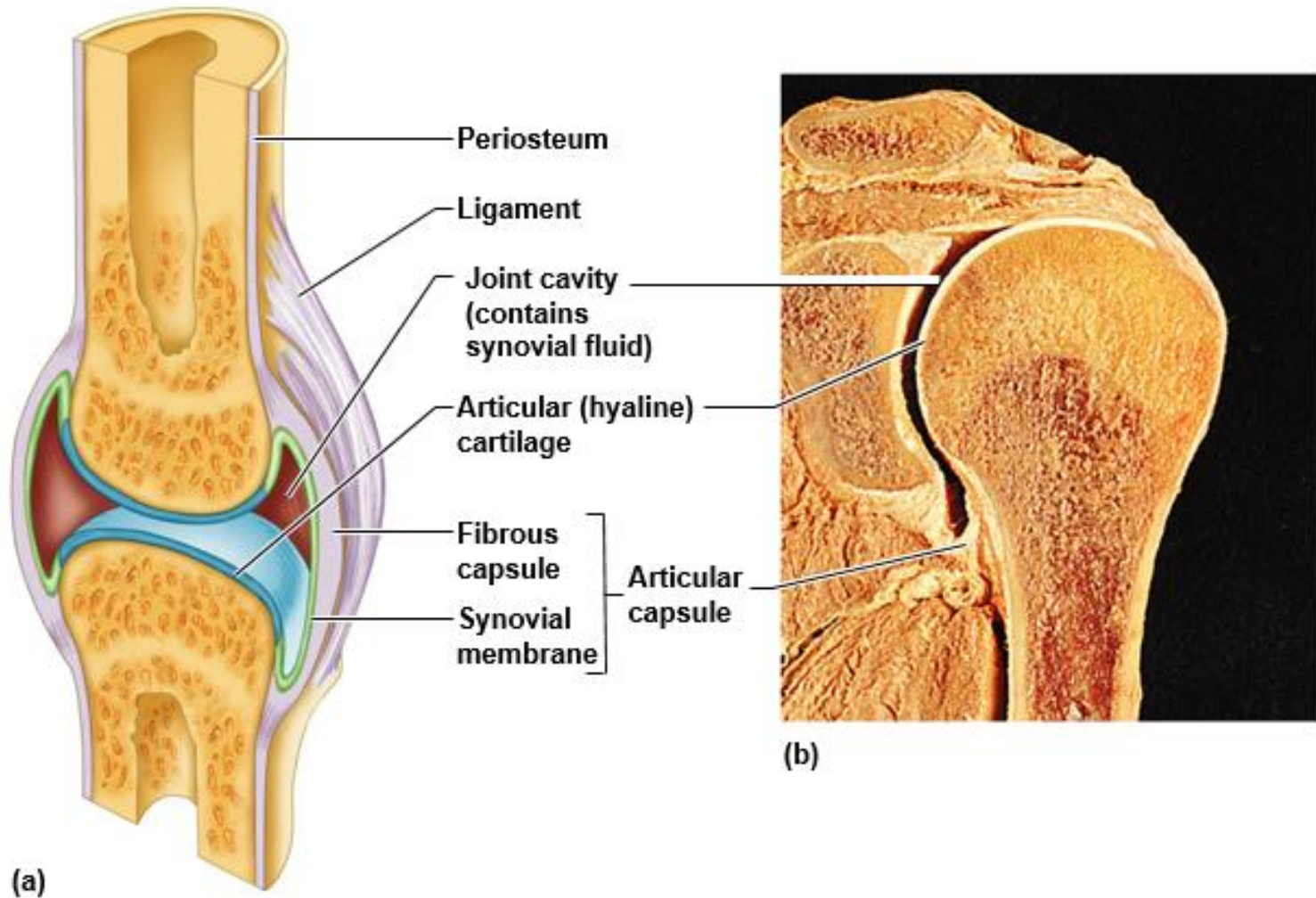
Joint in which two bones are separated by a space called a joint cavity ✕

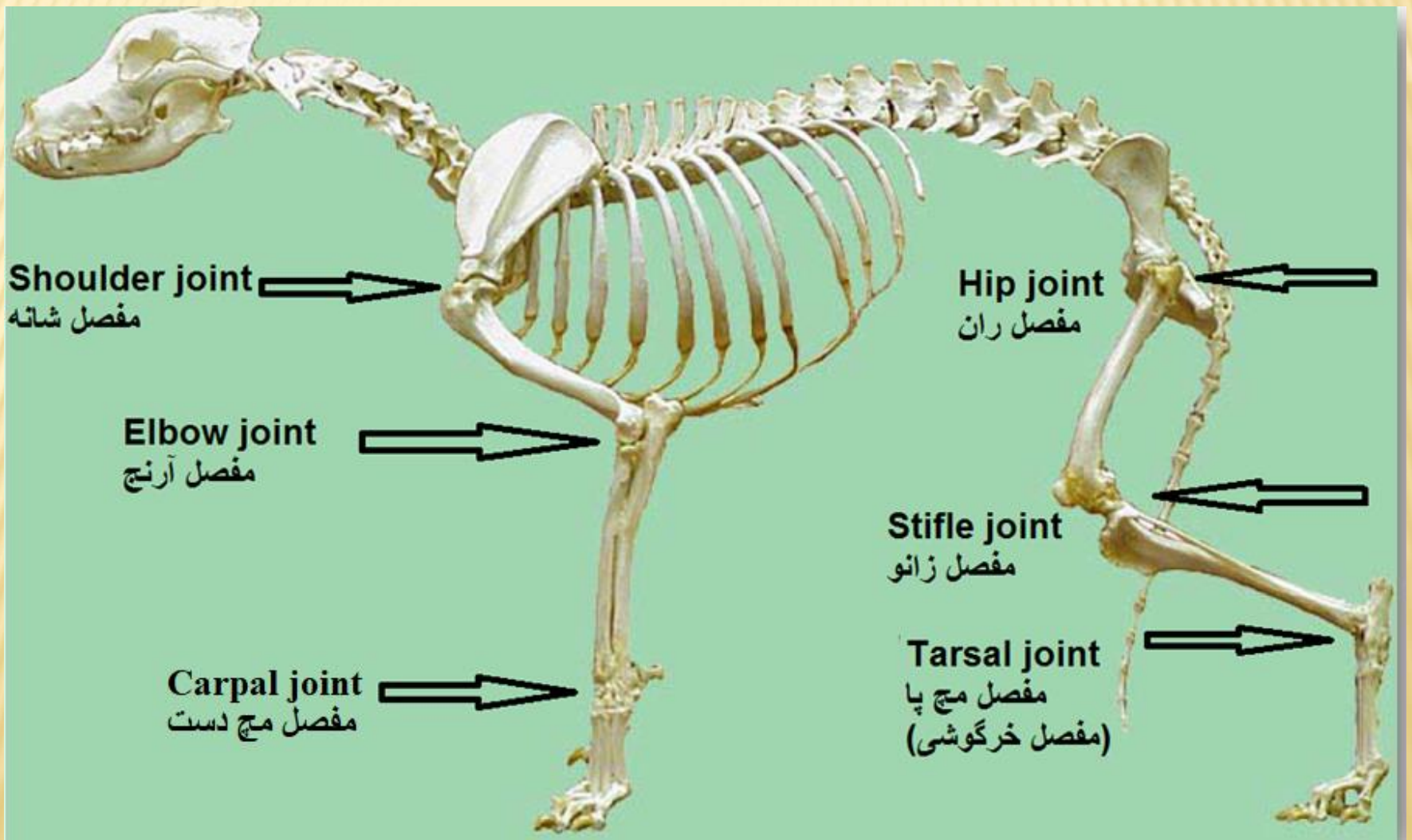
Most are freely movable ✕

SYNOVIAL



General structure of a synovial joint







STIFLE JOINT

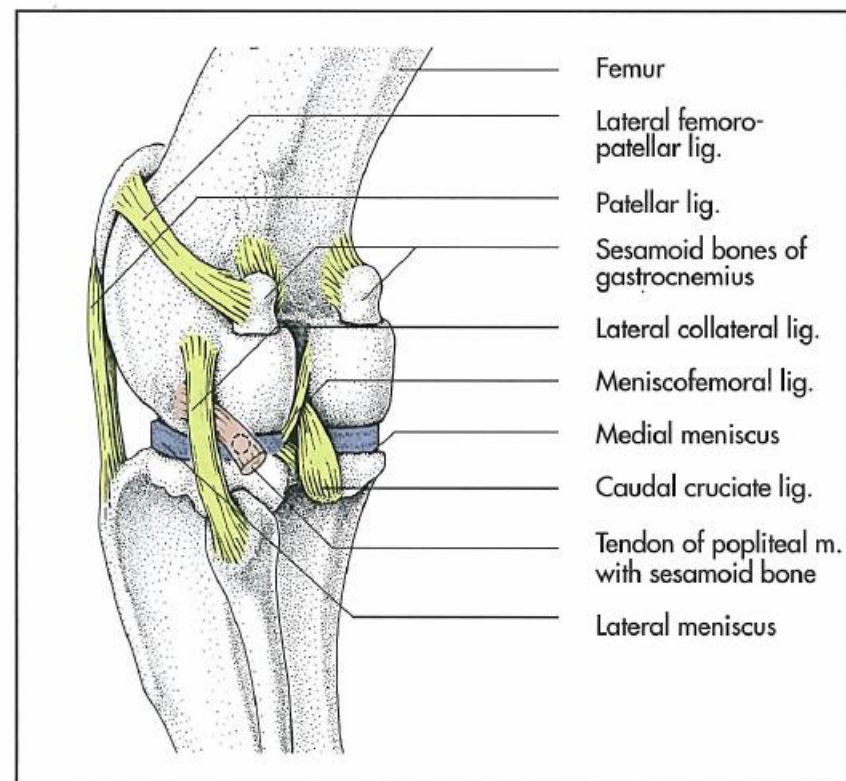
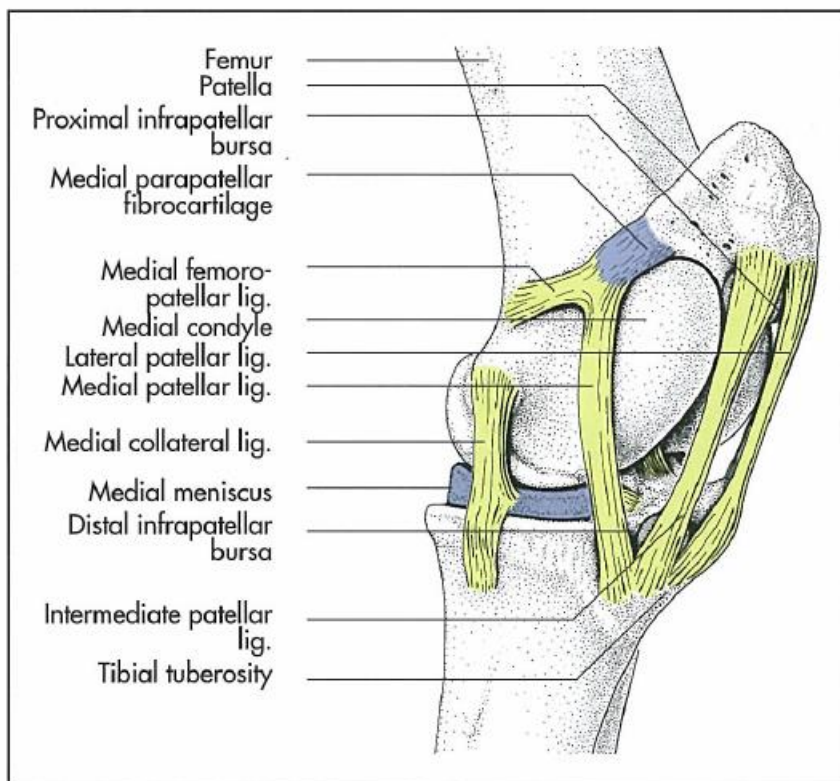
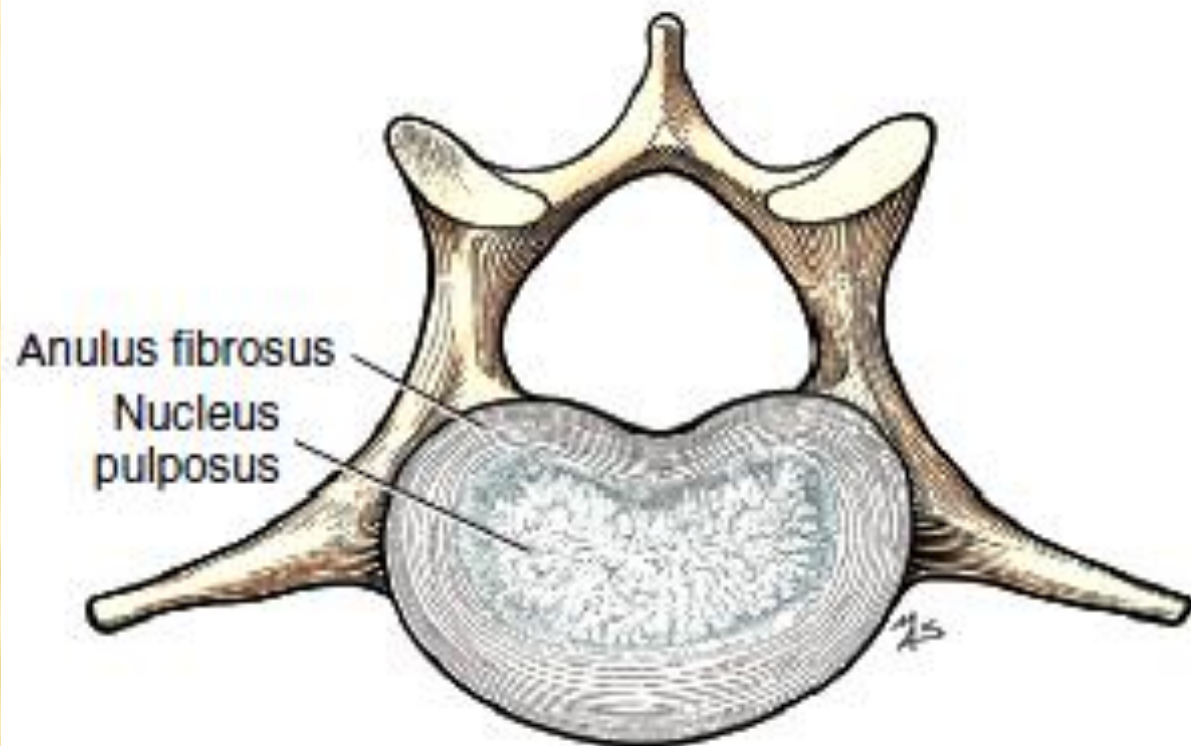


Fig. 4-50. Ligaments of the left stifle joint of the horse (schematic, medial aspect) (Ghetie, Patea and Riga, 1955).

Fig. 4-51. Left stifle joint of the dog (schematic, caudolateral aspect).



Pulpy nucleus

Fibrous ring



Fig. 1-115. Lumbar intervertebral disc of a dog.

Dorsal space of a vein

Body of vertebra



Spinal cord

Fibrous ring

Pulpy nucleus

Fig. 1-116. Lumbar intervertebral discs of a dog (median section).

Joints of skull

Temporomandibular joint

Suture

Symphysis of mandible

