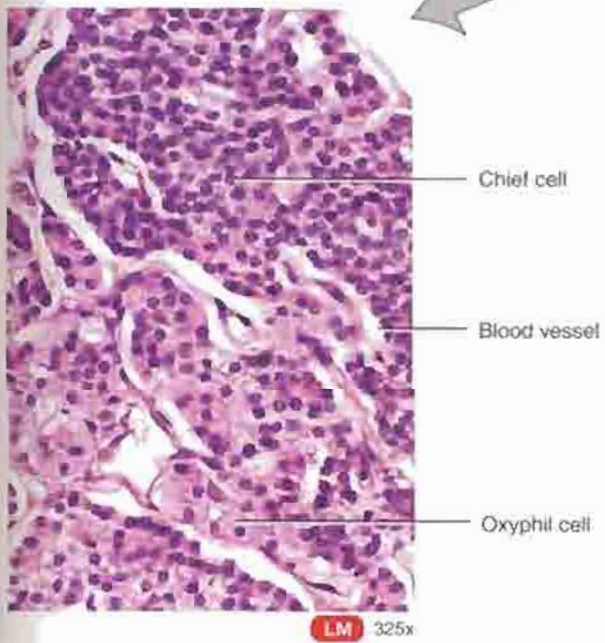
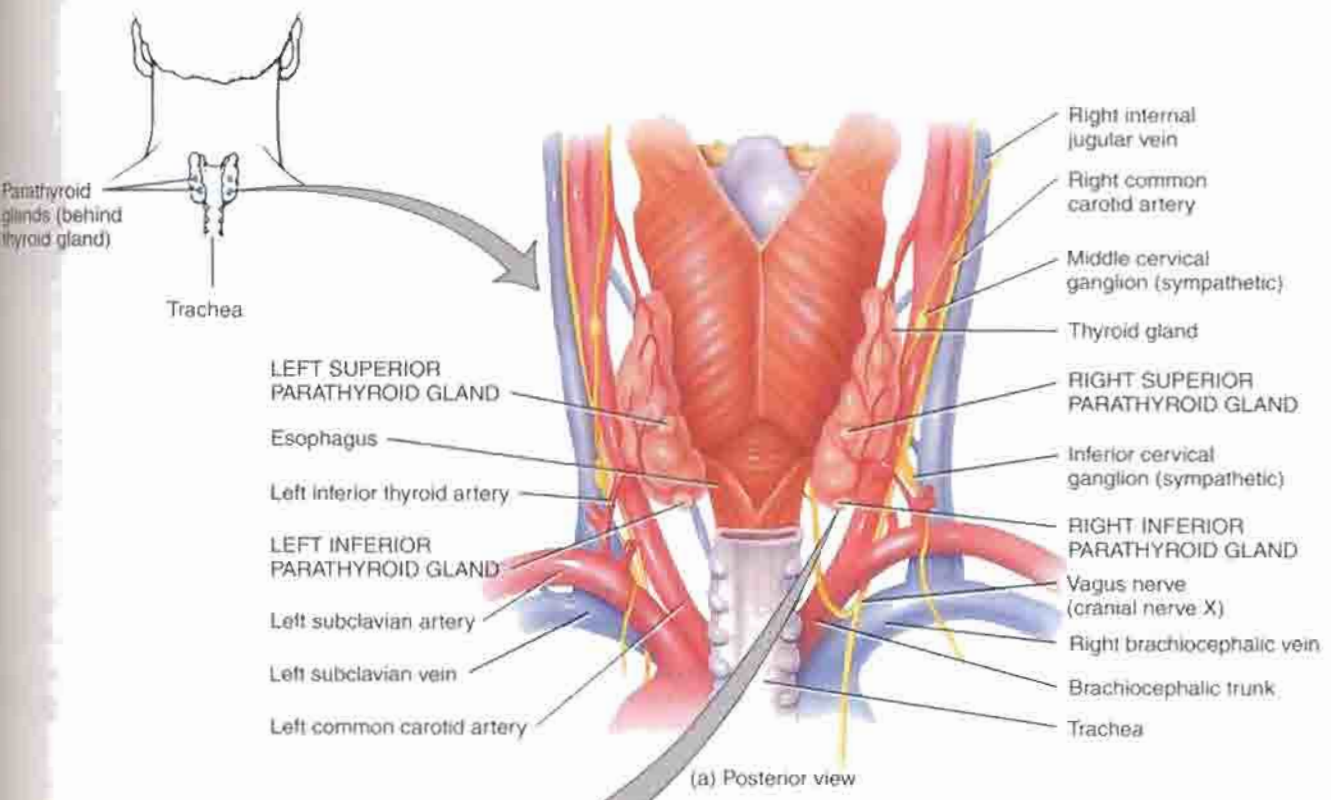
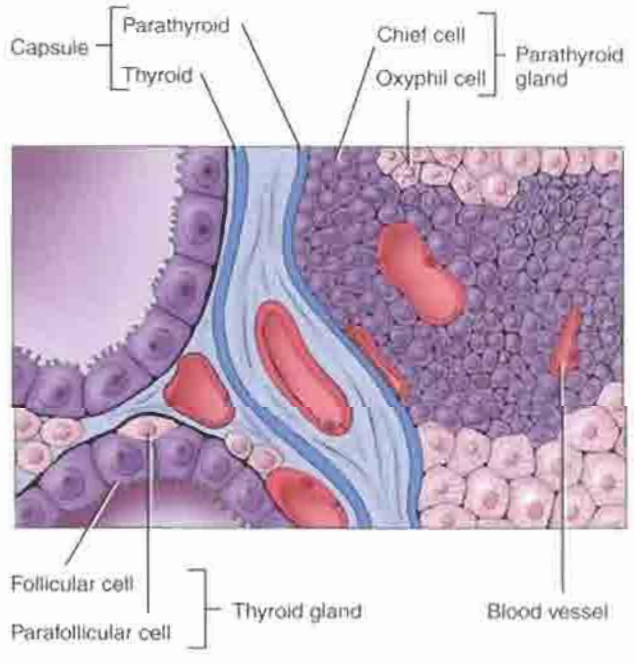


**Figure 18.13** Location, blood supply, and histology of the parathyroid glands. (See Tortora, *A Photographic Atlas of the Human Body*, Figure 10.4a.)

The parathyroid glands, normally four in number, are embedded in the posterior surface of the thyroid gland.



(b) Parathyroid gland

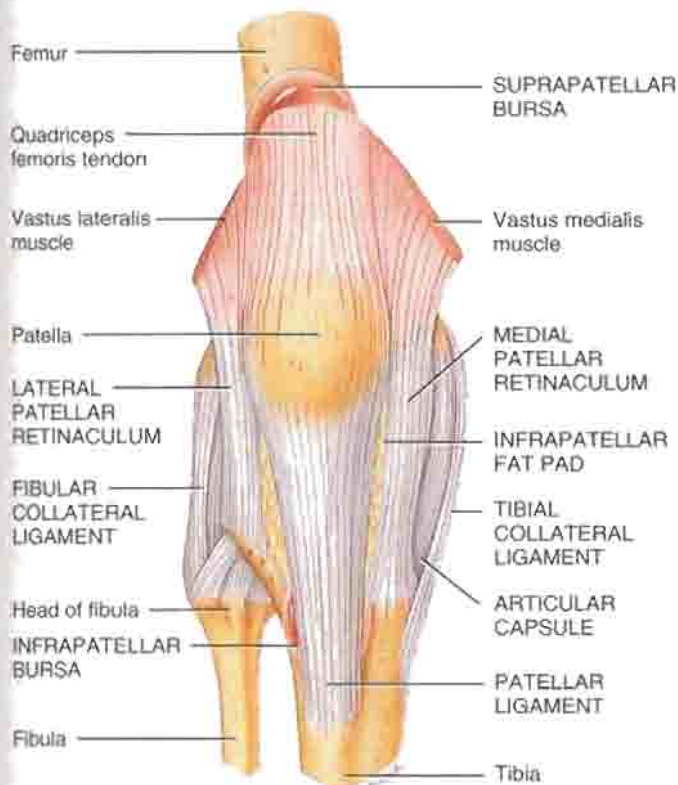


(c) Portion of the thyroid gland (left) and parathyroid gland (right)

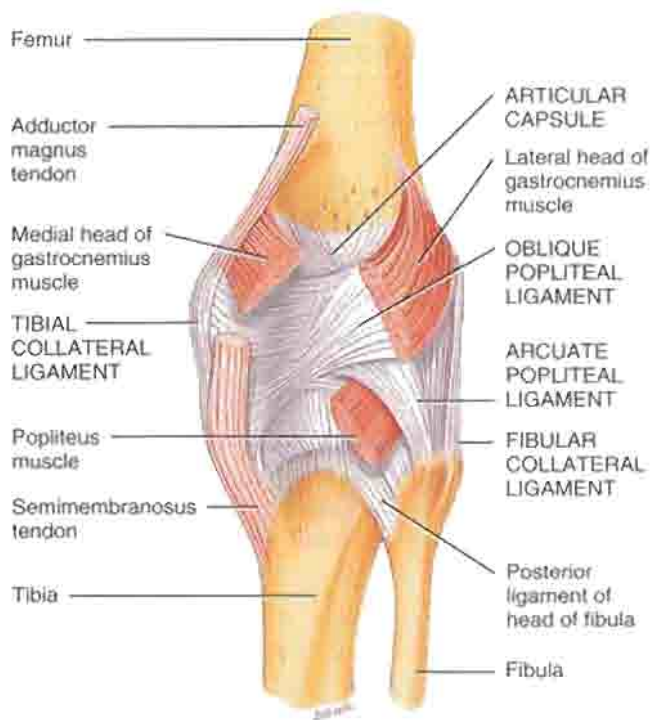
What are the secretory products of (1) parafollicular cells of the thyroid gland and (2) chief cells of the parathyroid glands?

**Figure 9.14 Right knee (tibiofemoral) joint.** (See Tortora, *A Photographic Atlas of the Human Body*, Figures 4.6 through 4.8.)

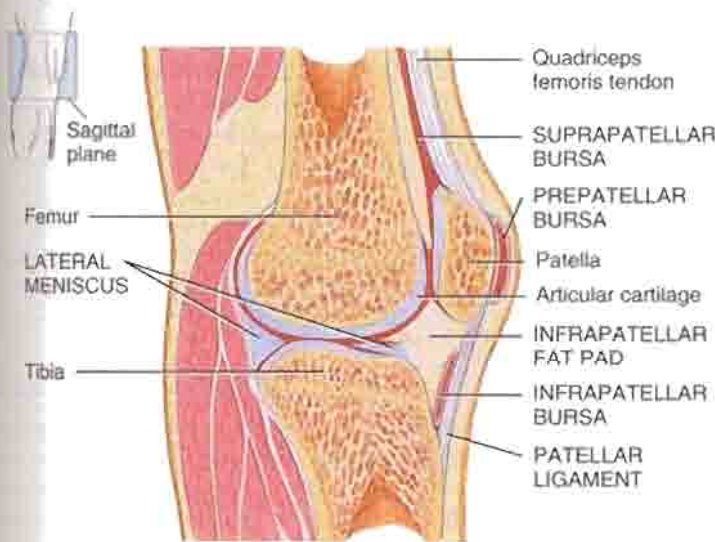
The knee joint is the largest and most complex joint in the body.



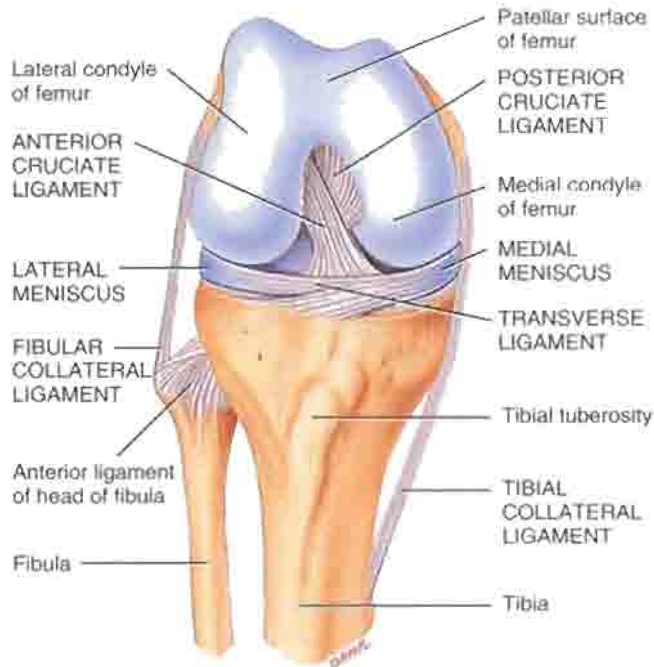
(a) Anterior superficial view



(b) Posterior deep view



(c) Sagittal section

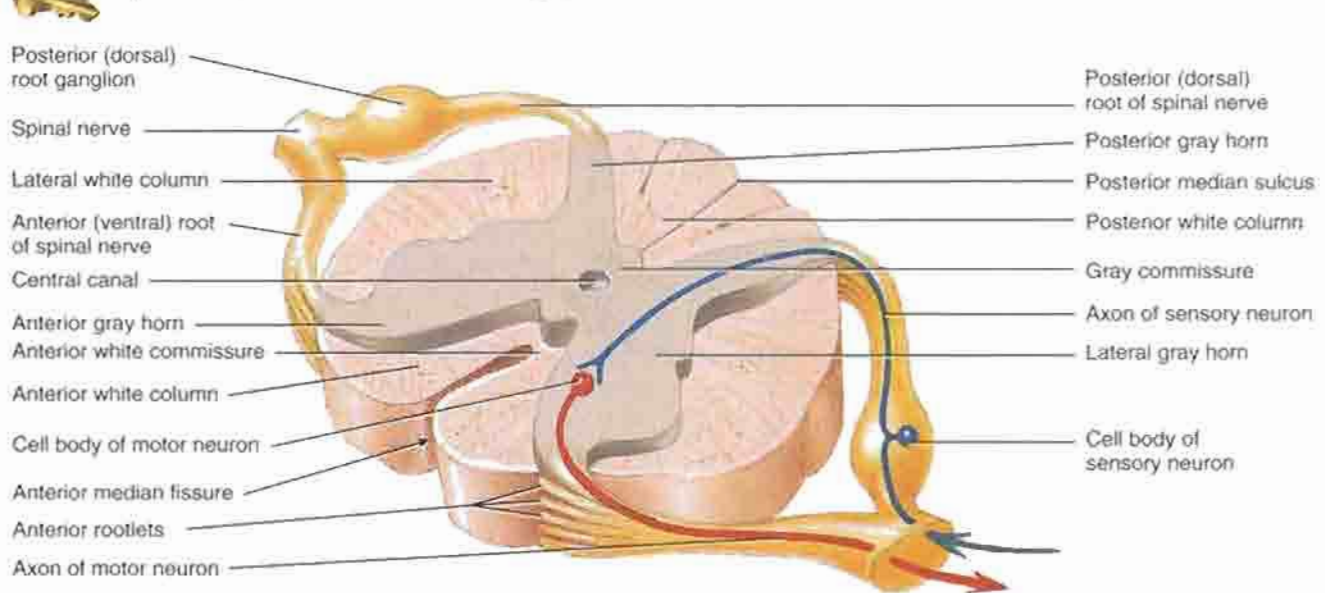


(d) Anterior deep view

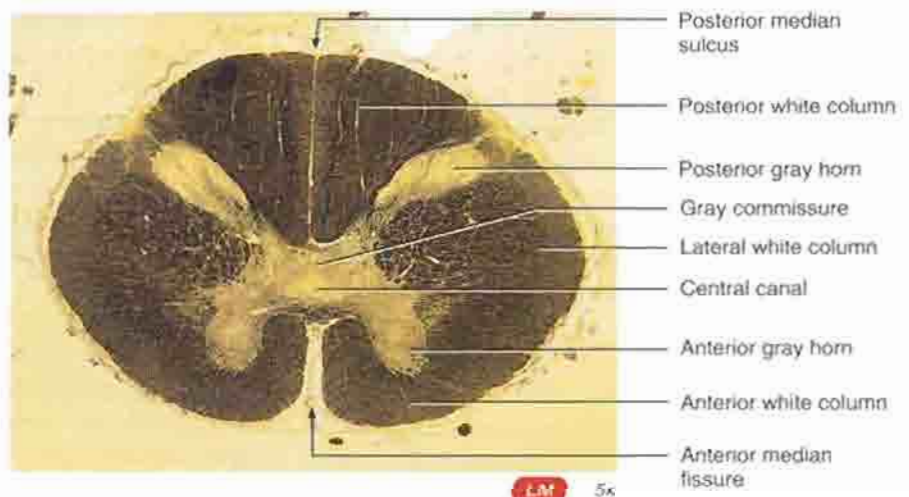
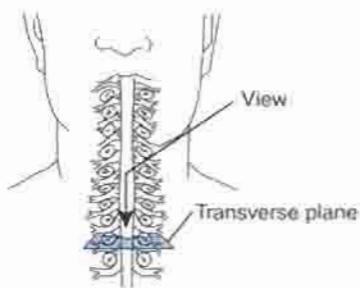
What movement occurs at the knee joint when the quadriceps femoris (anterior thigh) muscles contract?

**Figure 13.3** Internal anatomy of the spinal cord: the organization of gray matter and white matter. For simplicity, dendrites are not shown in this and several other illustrations of transverse sections of the spinal cord. Blue and red arrows in (a) indicate the direction of nerve impulse propagation.

**In the spinal cord, white matter surrounds the gray matter.**



(a) Transverse section of the thoracic spinal cord



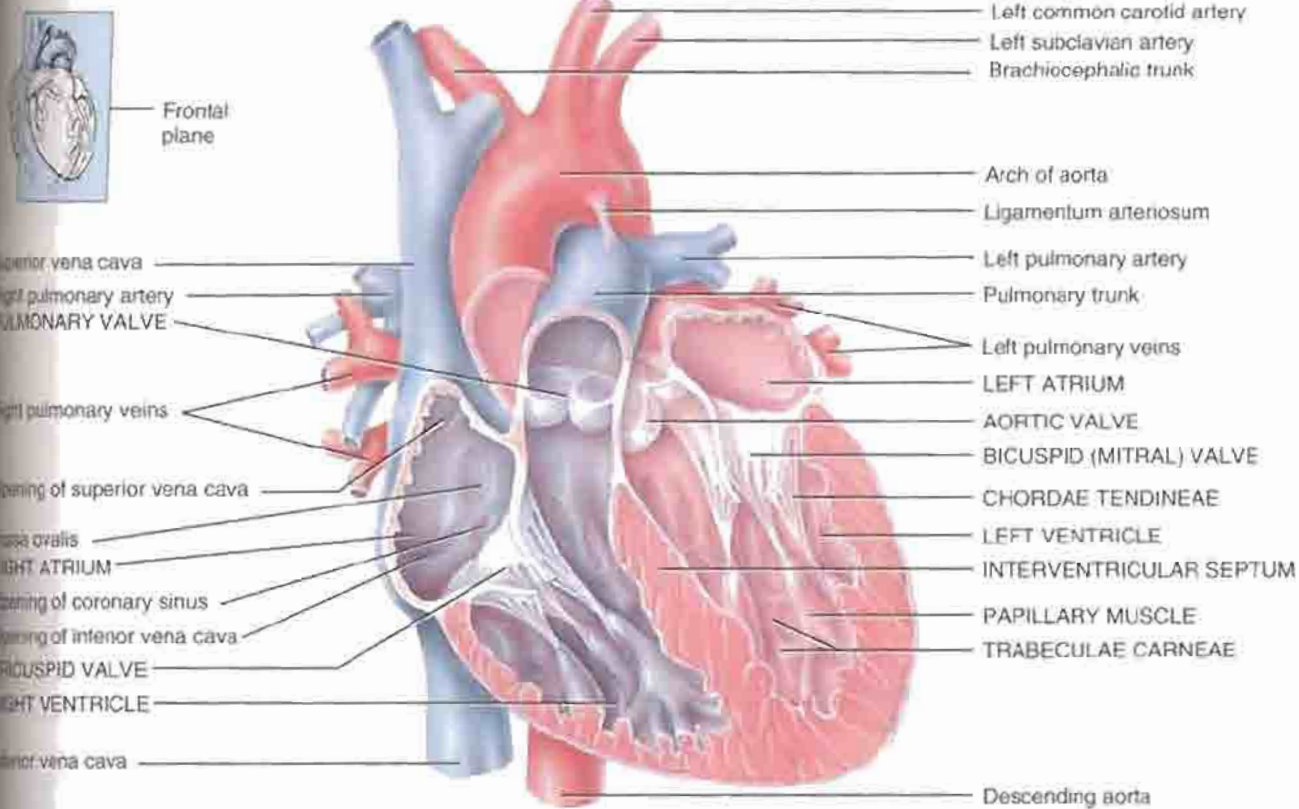
(b) Transverse section of the thoracic spinal cord



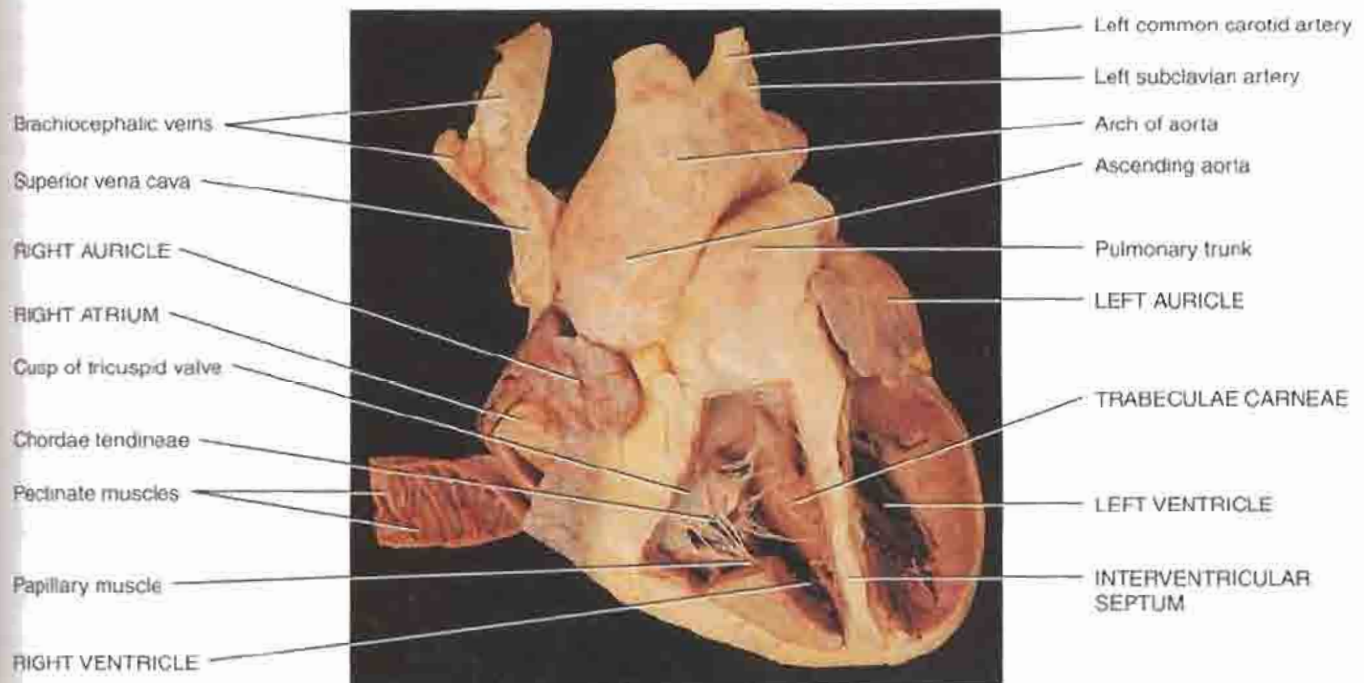
What is the difference between a horn and a column in the spinal cord?

**Figure 20.4** Structure of the heart: internal anatomy.

Blood flows into the right atrium through the superior vena cava, inferior vena cava, and coronary sinus and into the left atrium through four pulmonary veins.



(a) Anterior view of frontal section showing internal anatomy



(b) Anterior view of partially sectioned heart showing internal anatomy

(continues)