



A

B

C

D

E

FIGURE 21-2. The multiple soft-tissue layers affect the patellofemoral joint: **(A)** the superficial arciform layers with transverse fibers over patella and patellar tendon; **(B)** the intermediate oblique layer with chevron-oriented fibers from the rectus femoris, vastus lateralis, and vastus medialis; **(C)** the deep longitudinal layers, which are extremely adherent to the anterior surface of the patella; **(D)** the deep transverse layer blending with fibers of the iliotibial band; and **(E)** the deep capsular layer composed of the medial and lateral patellomeniscal ligaments. (Adapted from Dye SF. Patellofemoral anatomy. In: Fox JM, Del Pizzo W, eds. The Patellofemoral Joint. New York: McGraw-Hill, 1993.)