



FIG 24-3 **A**, Normal red blood cells (*RBCs*) flowing freely in a blood vessel. The *inset* shows a cross-section of a normal *RBC* with normal hemoglobin. **B**, Abnormal, sickled *RBCs* clumping and blocking blood flow in a blood vessel. (Other cells also may play a role in this clumping process.) The *inset* shows a cross-section of a sickle cell with abnormal hemoglobin. (From National Heart, Lung, and Blood Institute: *What is sickle cell anemia?* Bethesda, MD, August 2008, Author.)