

for immediate exchange transfusion with fresh whole blood.

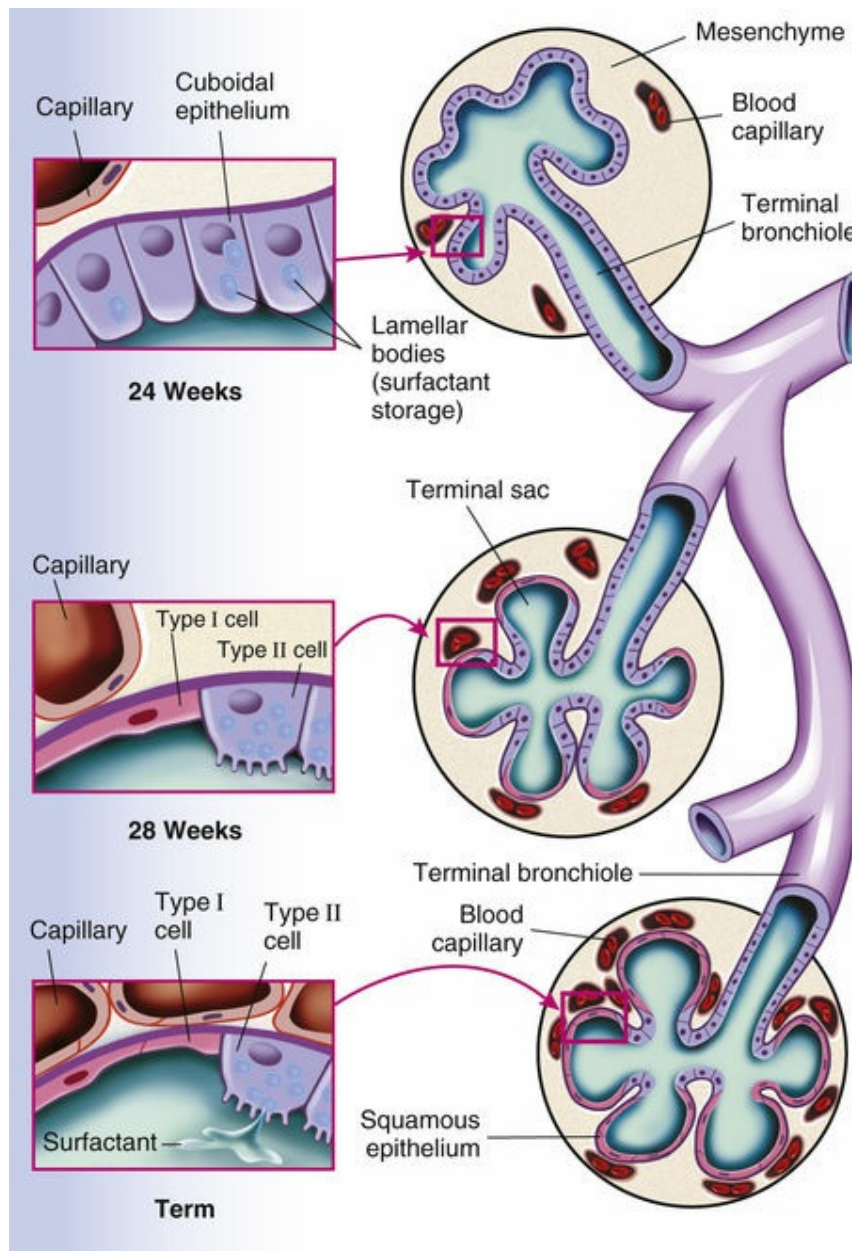


FIG 8-19 Prenatal development of the alveolar unit. (From McCance K, Huether S: *Pathophysiology: the biologic basis for disease in adults and children*, ed 7, St Louis, 2014, Mosby/Elsevier.)

For exchange transfusion, fresh whole blood is typed and crossmatched to the mother's serum. The amount of donor blood used is usually double the blood volume of the infant, which is approximately 85 ml/kg body weight but is limited to no more than