



Fig. 6.3 A transvaginal 3D ultrasound (with superficial rendering) of an 11-week fetus. Note its relatively large head. The limbs are fully developed. An auricle can also be observed on the left lateral aspect of the head.

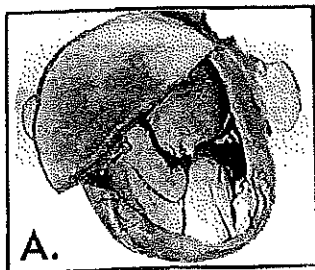


Fig. 6.5 Enlarged photograph of the head and superior part of the trunk of a 13-week fetus. ✓



Figure 6-8 Photograph of a 17-week fetus. *Actual size.* Note that the ears stand out from the head and that no hair is visible. Since there is no subcutaneous fat, the skin is thin, and the blood vessels of the head are visible. Fetuses at this age are unable to survive if born prematurely, mainly because their respiratory system is immature. The alveolar surface area is insufficient, and the vascularity of the lungs is underdeveloped.

Moore, The Developing Human



B.
Figure 6-9 Photographs of a 25-week fetus. *A*, in the uterus. *B*, actual size. Note the wrinkled skin and rather lean body, resulting from the scarcity of subcutaneous fat. Observe that the eyes are beginning to open. A fetus of this size might survive if born prematurely, although it is not usually considered a viable fetus (see Table 6-2), mainly because the lungs have not developed enough to provide adequate gas exchange.