



E-FIGURE 65-2 **A**, A 19-year-old phenotypic male with chromatin-positive seminiferous tubule dysgenesis (Klinefelter's syndrome). The karyotype was 47,XXY, gonadotropin levels were elevated, and testosterone levels were low-normal. Notice normal virilization with long legs and gynecomastia (**B**). **C**, The testes were small and firm and measured 1.8×0.9 cm. Testicular biopsy revealed a severe degree of hyalinization of the seminiferous tubules and clumping of Leydig cells. **D**, A 48-year-old male with 47,XXY Klinefelter's syndrome with severe leg varicosities. (From Larsen PR, Kronenberg HM, Melred S, et al, editors: Williams textbook of endocrinology, ed 10, Philadelphia, 2002, Saunders.)