

the inflammation. The gonorrheal arthritis and peri arthritis have to be carefully excluded, as well as the arthralgias following pneumonia.

8. The prognosis is grave; mortality 65 per cent., largely because of the accompanying bacteriemia and involvement of other more vital parts of the body (meninges, pleura, pericardium, etc.), yet spontaneous recovery occasionally follows, even when there is a purulent exudate.

9. The cases of suppurative pneumococcic arthritis should be treated by immediate incision and drainage. Serious arthritis may often be healed by aspiration, rest and compression.—*Maryland Medical Journal*.

HEREDITY IN CRIME.

The record case to use in illustration of heredity in crime has long been the complex one supplied by the history of the famous "Jukes" family—which was made the subject of a monograph by R. L. Dugdale:—"The Jukes: A Study in Crime, Pauperism, Disease, and Heredity," which was published in 1877 by Putnam's, New York. The ancestor of this family of gloomy celebrity was born in an approximately inaccessible locality in the State of New York, in the third or fourth decade of the Eighteenth Century. He was a descendant of early Dutch settlers, and lived the life of a backwoodsman—hunting, fishing, loafing, drinking, etc., by fits and starts. This is the mode of life to which the instinctive criminal naturally gravitates. He left a numerous issue, of which a large proportion was illegitimate. Two of the sons married the "Jukes" sisters—probably illegitimate. There were five of the "Jukes" sisters; and, of their numerous descendants, 709 have been traced—occupying a period of five generations. Of this large number there was a certain proportion of honest workers; but it has been "on the whole a family of criminals and prostitutes, of vagabonds and paupers." There were 76 convicted criminals, and, of the females, 52.40 were prostitutes; the normal average has been estimated at 1.66 per cent.; 180 had received outdoor relief during an (approximate) aggregate period of 2,300 years. Dugdale estimates the total cost to the State, during 75 years, at a million and a quarter dollars. Of the men, not 20 were skilled workmen; and 10 of these had learned their trades in prison. Mrs. M. J. Annable, State Superintendent of the Rescue Work of the Women's Christian Temperance Union, New York, has discussed the same subject in the *Boston Medical and Surgical Journal*, and gives the essence