

been no breach of surface (as when the virus has been inhaled), the malady often does not break out for months. The term prodromal stage or stage of invasion is usually applied to the period during which, although none of the lesions characteristic of glanders or farcy have as yet appeared, still, fever, constitutional disturbance, and certain subjective symptoms announce a general infection of the system. Sometimes a single rigor occurs at the beginning of the attack; in others the rigor is repeated several times. The skin grows hot, the thirst augments, pulse accelerated, the patient feels depressed and languid, pain in the head, sleeps badly, no appetite—in brief, exhibits a series of symptoms such as accompany other infectious diseases. These manifestations, however, are accompanied by another constant and somewhat characteristic phenomena—a violent pain in the joints and muscles. The seat of this pain is usually in the vicinity of the greater articulations, and is sometimes, though not always, attended by moderate swelling of the painful part. Although these articular and muscular pains often cause the disease to be mistaken for rheumatism, yet, when they occur in an individual whose history is suspicious, they may aid us in an early and correct interpretation of the symptoms. The first stage of the disease lasts for a longer or shorter period; the symptoms may increase steadily all the time, or else gradually grow milder. The aspect of the disease at this period presents many varieties, according as the malady selects one or other tissue as its seat; if it attacks the nasal mucous membrane (as glanders in the stricter sense of the term), an erysipelatous inflammation makes its appearance upon the exterior of the nose and its vicinity. The nose, eyelids and the forehead swell, assuming a dusky redness, and are covered by blebs, the precursors of gangrene. The patient cannot breathe through his nostrils, from which there flows a liquid, at first scanty, thin, and mingled with streaks of blood.”