

week, very severe initial symptoms, an early scarlatiniforme rash, and the late appearance of the eruption on the palms of the hands and on the soles of the feet:

Patient, male; aged 40; unvaccinated. Twenty days after the only-known exposure patient developed a severe headache, with great pain in back, shooting into loins; nauseated.

2nd day.—See chart. Temperature, 104.4; pulse, 120; respirations, 26.

4th day.—Temperature falling and patient easier; macular rash on face and hands of scarlatiniforme type; would probably have been diagnosed for scarlatina but for presence of epidemic.

6th day.—Eruption papular and quite shotty; present on face and hands; also plentiful in the hair.

8th day.—Eruption vesicular on face; many umbilicated; papular on body.

10th day.—Eruption pustular on face and arms, and very numerous, some almost confluent; vesicular on body; lower part of face swelling; eyes free, but throat slightly sore.

12th day.—Face in late pustular stage pustules nearly ready to burst; lower part of face greatly swollen, and neck not recognizable as such; maturation fever well established; palms of hands and soles of feet getting sore; pulse 115, but good.

14th day.—Pustules on face breaking; neck and face not so swollen; pustular on trunk; shotty elevations appearing on palms and soles practically a week after their appearance elsewhere; very sore and painful.

16th day.—Temperature falling; face scaling; swelling gone; pustules breaking on body; eruption on palms and soles vesicular but filled with blood instead of serum; patient comfortable.

18th day.—Scaling and crusting proceeding rapidly; temperature normal. Some days later eruption on palms and soles began to dry up. If left alone they would not have scaled inside of three weeks longer, but patient dug them out with a knife a little later.

CASE III.—Variola vera, confluent form, and very severe. In this case the eruption apparently never reached the pustular stage, but presented as huge bullae unilocular and filled with a sero-sanguineous fluid.

Patient a female, aged 35; unvaccinated. Twelve days after exposure patient became ill with severe headache and strong shooting pains in back and thighs. Nauseated also.

2nd day.—Temperature, 105; following day, 104. Pulse, 120; respirations, 33.

6th day.—Temperature normal, and rash appearing as papules on face and hands only. Quite shotty.

8th day.—Suppurative fever commencing. Eruption papular on body; vesicular on face.