

中文題目：一位恙蟲病人的焦痂隨時間的型態變化

英文題目：Appearance of eschar over time in a patient with scrub typhus

作者：唐毓淞, 謝孟娟, 王惠菁, 張維安

服務單位：高雄醫學大學附設中和紀念醫院內科部胸腔科

**Introduction:** Scrub typhus may begin insidiously with non-specific symptoms. The cardinal feature of skin is eschar by many text book or archives, but few of them depicted the evolution of the appearance.

**Case report:** A 49-year-old man without known systemic disease presented to the emergency department with a 7-day history of fever, chills, malaise with general myalgia. The physical examination in the emergency department showed that the pulse was 94 beats per minute, the blood pressure was 81/42 mmHg, the respiratory rate was 16 breaths per minute, and the oxygen saturation was 95% while breathing room air. Laboratory evaluation showed thrombocytopenia, deteriorated liver and renal function. Several eschar like lesions were found on his scrotum and lower legs. On the basis of his history with the appearance of eschar like lesion, the clinical diagnosis of scrub typhus was made. The patient admitted to our medical intensive care unit due to septic shock with multiple organ failure. In the medical intensive care unit, an  $2.5 \times 2.5$ cm swelling, ulcerative crust with peripheral erythematous rim is seen on the scrotum. Initial treatment included broad spectrum antibiotics. Scrub typhus was confirmed by Centers for Disease Control then. The crust gradually peeled off peripherally which formed a volcano like appearance over time. Finally, the eschar disappeared completely with leaving a whitish ulcerative wound. The patient recovered without remarkable complication

**Discussion:** Eschar is a painless papule with subsequent central necrosis which often appears at the site of the infecting chigger bite. The history is often the most important factor used to put the impression. Besides history, appropriate antibiotics could be prescribed after diagnosis if clinicians are aware of the changing form of eschar over time.