

中文題目：癩蛤蟆樣的前臂：頓挫傷引發之水泡型濕疹

英文題目：Toad-like Forearm: Blistering Eczema Induced by Contusion Injury

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**Background:** The spongiotic dermatitis is an inflammatory dermatitis which included a lot of disorders with major forms as neutrophilic, eosinophilic, miliarial, follicular and pityriasiform. Differential diagnosis includes the cutaneous T cell lymphoma. The eosinophilic spongiotic dermatitis majorly included pemphigus, bullous pemphoid, drug reactions, allergic contact dermatitis, atopic dermatitis and Id reactions. The clinical presentation can present as crusted patches, plaques, papules, vesicles, blisters or even bulla.

**Patient concerns:** A 22-year-old man with a history of a contusion injury over right forearm due to traffic accident three days ago presented to the emergency department with a two days history of bulla formation with hyperpigmentation over whole right forearm. The bulla still progressed with pruritus post treatment of acetaminophen for one day. Laboratory results revealed an Immunoglobulin E 274 IU/mL (normal range, <165), normal white blood cell count with 8.4% eosinophil. The skin lesions were restricted to the right forearm and were not spread to any other skin surfaces. A skin biopsy showed psoriasiform acanthosis with spongiosis and some intra-epidermal vesicles formation as superficial perivascular lymphocytic and eosinophilic inflammation consistent with acute spongiotic dermatitis.

**Diagnoses:** The patient was diagnosed as blistering eczema.

**Interventions:** Following a short course of low dose oral prednisolone therapy with closely skin care,

**Outcomes:** His symptoms were totally recovered in one week. There was no any sequelae and never relapse after one-year follow-up.



**Figure 1.** Bulla growth over whole right forearm post contusion injury within 3 days.