

Dermato-venereological Quiz

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A 89-year-old woman with a medical history of hypertension, diabetes mellitus, and atrial fibrillation presented with an erythematous rash on the right shin. Initially, the rash appeared as multiple nodular lesions over an area of 2 cm over the right shin (Figure 1). The extent of the lesions increased to cover an area of

8 x 14 cm over six months with the formation of multiple haemorrhagic blisters. Blood tests including liver function, renal function and complete blood picture were normal. Blood testing for anti-skin antibodies was negative. A skin biopsy was performed (Figures 2 & 3).



Figure 1. Multiple nodular lesions with haemorrhagic blisters over the right shin.

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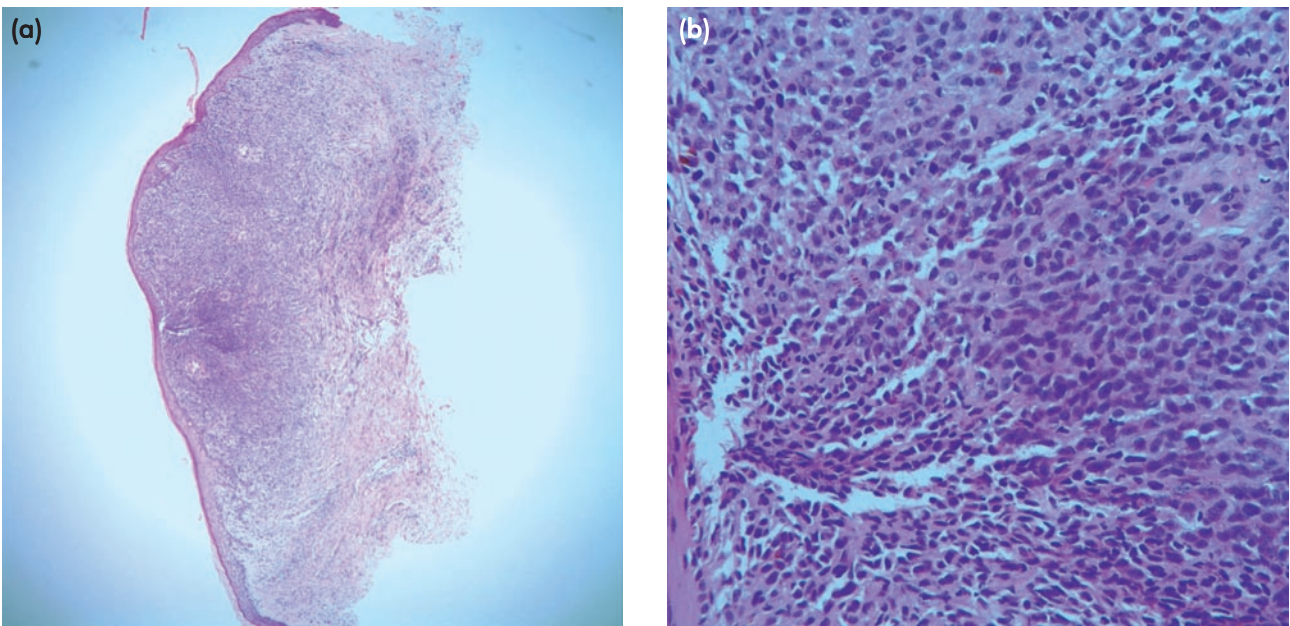


Figure 2. H&E stain with (a) 5x10 magnification & (b) 40x10 magnification.

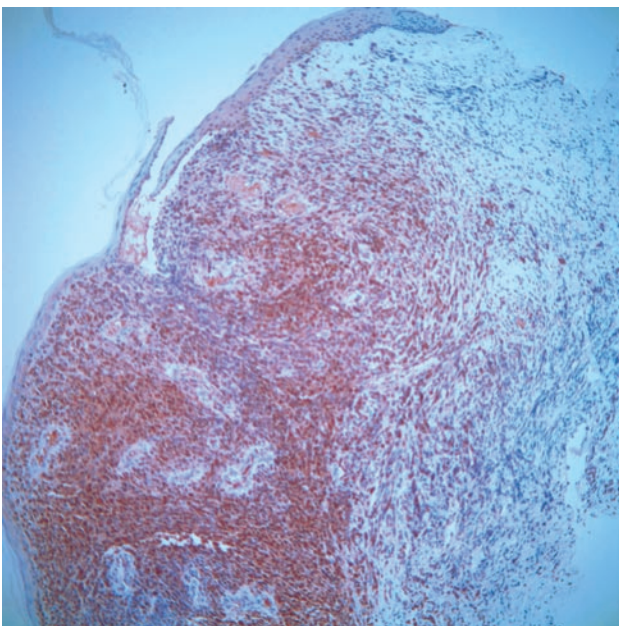


Figure 3. Immunostain for S100.

Questions

1. What is differential diagnosis?
2. What is the histological finding?
3. What is the diagnosis?
4. What is the treatment?

(Answers on page 214)