



AUTOIMMUNE BULLOUS DISEASES

# A CASE OF PEMPHIGUS COMPLICATED WITH RHEUMATOID ARTHRITIS AND LITERATURE REVIEW

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Background: Pemphigus complicated with rheumatoid arthritis is comparatively rare.

Observation: A 71-year-old man with rheumatoid arthritis for more than 30 years, presented with a chief complaint of rashes all over his body, accompanied by tension blister for one month. Through the Physical examination, the limbs and torso are scattered with tension blisters, which size is broad beans, as well as negative Nikolsky's sign. Erosion, rupture and incrustation could be observed from the whole body blister. The trunk has multiple edematous erythema of different sizes, partially fused into sheets. Swelling and deformity of hands and feet, partially functional limitation. Direct immunofluorescence of a biopsy specimen from a papule showed linear deposition of complement 3 along the BMZ. The case was diagnosed as pemphigus complicated with rheumatoid arthritis. The condition improved after treatment with glucocorticoid.

Key message: A 71-year-old man with rheumatoid arthritis for more than 30 years was reported and 38 cases with same diseases in literatures were reviewed.

