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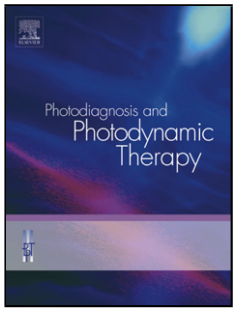

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ACCEPTED MANUSCRIPT

Photodynamic therapy for rosacea in Chinese patients

Short title: Photodynamic therapy for rosacea

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Highlights

- A clinical trial of ALA-PDT in 20 Chinese patients with rosacea
- Four sessions of PDT at 10 day intervals with six months follow up
- All patients (100% response rate) showed improvement with no recurrence
- Papulopustular and erythematotelangiectatic sub-types showed best response
- Side-effects (pain, erythema, edema) were transient and well tolerated

Abstract

Background : Rosacea is a common chronic cutaneous disorder which is characterized by flushing , erythema, papulopustules and telangiectasia. The pathogenesis of the disease is still unknown. A multifaceted approach is necessary to control the disease because of its tendency to relapse. New more effective treatment options are desirable to achieve a complete remission. Aminolevulinic acid–photodynamic therapy (ALA-PDT) is a well-established treatment for non-melanoma skin cancer and

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