#### **Original Article**

# A systematic review and meta-analysis on the effects of the ultra-pulse CO<sub>2</sub> fractional laser in the treatment of depressed acne scars

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> Background: Acne is a chronic inflammatory disease that occurs in the sebaceous glands of the hair follicles. Depressed acne scars, also known as depressed scars, remain after recovery. Clinical treatments of depressed scars include chemical peels, surgical treatments, radio frequency treatments, and laser treatments. Ultra-pulse carbon dioxide (CO2) fractional laser treatment has become the main method for treating depressed scars in recent years, but there are no systematic reports on the effectiveness and safety of this treatment.

> Methods: English databases, including PubMed, Embase, and Ovid-Medline, were searched to retrieve relevant articles. The search period ran from the establishment of the databases to April 2021. The search terms included CO2 lattice laser, depressed acne scars, depressed scars, and effectiveness.



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