

Platelet-rich plasma effective for chronic venous leg ulcers

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percentage improvement in the area of the ulcer was 67.6 ± 36.6 percent and 13.67 ± 28.06 percent, respectively. All patients had subjective improvement in pain associated with the ulcer.

"Platelet-rich plasma is a safe nonsurgical procedure for treating chronic venous leg ulcers," the authors write. "Additional studies with larger sample size and longer follow-up periods are required to confirm or refute our findings."

More information: [Abstract](#)
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(HealthDay)—For patients with chronic venous leg ulcers, autologous platelet-rich plasma (PRP) is safe and effective, with highly significant improvement in ulcer size compared to conventional treatment, according to a study published online Aug. 19 in the *Journal of Cosmetic Dermatology*.

Hoda A. Moneib, M.D., from Ain Shams University in Cairo, and colleagues compared the clinical efficacy of PRP versus conventional treatment in the management of chronic [venous leg ulcers](#). Forty patients were included in the study: twenty were treated with autologous PRP weekly for six weeks and 20 received six weeks of conventional treatment of compression and dressing.

The researchers observed a highly significant improvement in ulcer size after PRP therapy compared with [conventional therapy](#) ($P = 0.0001$). The mean change in the area of the ulcer was 4.92 ± 11.94 and 0.13 ± 0.27 cm, respectively, after PRP and conventional therapy. The mean

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