

Platelet-rich plasma injection reduces facial wrinkles

August 8 2016



(HealthDay)—Platelet-rich plasma (PRP) intradermal injection can

reduce wrinkles, especially wrinkles of the nasolabial folds (NLFs), according to a study published online July 29 in the *Journal of Cosmetic Dermatology*.

Naema Y. Elnehray, M.D., from Tanta University in Egypt, and colleagues examined the efficacy and safety of PRP intradermal [injection](#) for treatment of [facial wrinkles](#). Twenty subjects with facial wrinkles received single PRP intradermal injection and were assessed before and after eight weeks of treatment.

The researchers observed a reduction in the mean value of the Wrinkle Severity Rating Scale from 2.90 ± 0.91 before treatment to 2.10 ± 0.79 after eight weeks of treatment. Younger subjects with mild and moderate wrinkles of the NLFs had the most significant results. There was a more than 25 percent improvement in appearance for 14 of 17 subjects with NLFs. Minimal to mild side effects of PRP treatment occurred, with excellent tolerability.

"Single PRP intradermal injection is well tolerated and capable of rejuvenating the face and producing a significant correction of [wrinkles](#) especially the NLFs," the authors write.

More information: [Abstract](#)
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