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Efficacy of 2% day cream formulation that inclusive of *Pistacia lentiscus* gum on the skin surface of women (24 to 61 years) with dilated pores

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A pore is the opening of a hair follicle on the surface of the skin cause by perspiration and sebum diffuse. Excess sebum on the surface of the skin and dead cells that accumulate around the opening of pores all increase their visibility properties. The pore size varies depending on hereditary factors and skin condition. Dilated pores as a result of the accumulation of sebum or dead cells occurring as a solitary legion in the head, neck and face. Mastic is exclusively obtained from the *Pistacia lentiscus* tree, which has been recognized since the ancient time for its therapeutic properties. It was used in face creams to improve skin radiance. *Pistacia lentiscus* gum is a water-soluble, not sticky and penetrates into the pores and tightens the dilated pores and it is suitable for cosmetic applications like day cream. In the present study, 20 Caucasian women (24 to 61y, mean: 42.8) with enlarged pores were selected to use this formulation of day cream twice daily for 28 days on their face and *in vivo* studies conducted on Caucasian and Asian women with dilated pores and impure skin showed that *Pistacia lentiscus* gum tightens dilated pores and had a significant role in reduction of the total pore size that caused by an excess of sebum, impurities and mattifies complexion in 75 % of the volunteers.

Biography

Hamidreza Ahmadi Ashtiani has completed his Ph.D. at the age of 24 years from Veterinary school of Urmia University and also Pharmacology from Tehran Islamic Azad University of Science and Research. His postdoctoral studies were from Tarbiyat Modarres University of Tehran and he was top student of country in Ph.D. level. His book was Selected of Fourteenth Year Book Festival at 2008. He is the Director of Cepigène Company. He has published more than 51 papers in reputed journals and serving as an editorial board member of repute.

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