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EVIDENCE BASED APPROACH TO BEST TOPICAL TREATMENTS FOR PERIORBITAL HYPERPIGMENTATION, COMBINATIONS, EFFICACY AND SAFETY

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Periorbital hyperpigmentation (POH), also known as eye bags or under-eyes' hyperpigmentation, is a common worldwide complaint. POH has many causative factors hence the treatment differs widely. Many treatment modalities are available and are commonly used including different kinds of peelings, lasers, hyaluronic acid fillers or surgery. Regardless of the underlying cause of POH and hence the modality of treatment chosen, topical medications and cosmeceuticals are the most common treatments used nowadays. Many topical treatments are available and because they are minimally invasive, they are considered to be the first line treatment of POH. They are widely used alone or in combination therapy with any other procedure like laser or peeling as preoperative and postoperative topical therapy. Hydroquinone, retinoids, vitamins, minerals and peptides including new generation peptides are widely used in the treatment of POH with promising results. Our goal in this research is to assess current topical treatments available based on their effectiveness and safety profiles. Many topical treatments are available and because they are the least invasive and cost ineffective they are considered to be the first line treatment of periorbital hyperpigmentation. Concealers and optical diffusers are widely used to minimize the dark hue due to many different causes and are effective somewhat as a conservative treatment or as a concurrent treatment used with other treatment options. A wide range of effective therapeutic medicinal agents and cosmeceuticals are also widely used to treat periorbital hyperpigmentation in addition to sunscreens and sunblocks. Hydroquinone and other melanogenisis inhibitors with some effective protocols are discussed in detail. Other families of skin lightening agents are effective and are used in the periorbital area safely. Efficacy of Retinoic acid topical treatment is assessed and compared with laser resurfacing treatment(study)

Biography

Dr. Amani Saad ,MD from Lebanon was graduated from Isfahan University of Medical Sciences. She is a member of American Academy for Aesthetic Medicine. She is a student at Qweenmary's University of London (Aesthetic Medicine MSc-2nd year). She has her own clinic in Beirut, Lebanon in which she worked and still in aesthetic medicine for fourteen years. She is the owner of Lebanese Aesthetic Medical Center in Beirut. She has been honoured for her presentation entitled News in the Treatment of Periorbital Hyperpigmentation in the Eurodermatology Conference in RhoFiera, Italy and also in Eurodermatology Conference in Paris, France. She has been a Speaker in IMCAS worldwide conference in Paris in Feb 2018. She has been honoured to be the judge of the postal presentations in the conference. Her presentations will be published in the International Journal of Clinical and Experimental Dermatology and also, other presentations are on their way for publication.

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