MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES

ABSTRACT

Methods of altering properties of tissues, by providing an effective modifying amount of zinc, which may be in the form of zinc ions. This is accomplished through the use of topical compositions containing one or more zinc-containing components such as salts and/or other zinc compounds or complexes, particularly zinc acetate. Altering properties of tissues includes increasing or decreasing fatty tissue, increasing or decreasing epidermal thickness, increasing elastin content, and preventing or treating gum regression or atrophy. Also disclosed is the provision of a contact lens coated with a zinc-containing material, to improve vision by increasing elastin content of the lens of the eye through release of zinc ions.

Figure No. 4