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(54) Title: AGENTS FOR CORNEAL OR INTRASTROMAL ADMINISTRATION TO TREAT OR PREVENT DISORDERS OF THE EYE

(57) Abstract: Methods and preparations for treating disorders of the eye and/or causing dissolution of corneal proteoglycans and organized healing of corneal stroma, softening of the cornea for non-surgical refractive correction of eyesight, removing corneal haze and opacification, inhibiting fibroblasts and preventing corneal fibrosis and scar formation, treating pterigiums and treating corneal neovascularization as well as iris neovascularization. Preparations containing a) urea, b) urea derivatives (e.g., hydroxyurea, thiourea), c) antimetabolites, e) urea, urea derivatives, non-enzymatic proteins, nucleosides, nucleotides and their derivatives (e.g., adenine, adenosine, cytosine, cytadine, guanine, guanitadine, guanidinium, guanidinium chloride, guanidinium salts, thymidine, thymitadine, uradine, uracil, cysteine), reduced thioctic acid, uric acid, calcium acetyl salicylate, ammonium sulfate, isopropyl alcohol, ethanol, polyethylene glycol, polypropylene glycol or other compounds capable of causing nonenzymatic dissoultion of the corneal protoeglycans or f) any of the possible combinations thereof, are administered to the eye in therapeutically effective amounts.