

LITERATURE SEARCHES FOR THIS PPP

Literature searches of the PubMed database were conducted on March 3, 2022; the search strategies are listed below. Specific limited update searches were conducted on June 7, 2023. The searches had added filters for human, English-language randomized controlled trials and systematic reviews and date limiters to capture literature published since June 27, 2018. The panel analyzed 973 studies of which 42 were included in the PPP. The literature searches with the disease condition and the search term patient values and patient preferences didn't yield results. The literature search for economic evaluation and treatment cost yielded 33 studies, 33 of which were provided to the panel, none of which merited inclusion.

Edema/Surgery/Keratoplasty/DSEK/EK/PTK: (corneal edema/surgery[mh]) AND (Keratoplasty, Penetrating[mh] OR Descemet Stripping Endothelial Keratoplasty[mh] OR endothelial keratoplasty[tiab] OR phototherapeutic keratectomy[tiab] OR Gunderson[tiab] OR (amniotic[tiab] AND graft*[tiab]) OR anterior stromal punct*[tiab])

Edema/Surgery/Transplantation: (corneal edema/surgery[mh]) AND (Corneal Transplantation/methods[mh])

Edema/Therapy: (corneal edema/drug therapy[mh] OR corneal edema/therapy[mh]) AND (sodium chloride[tiab] OR Saline Solution, Hypertonic[mh] OR hair dryer[tiab] OR bandage soft contact lens*[tiab] OR Contact Lenses[mh] OR Intraocular Pressure[mh] OR Steroids[mh] OR Antiviral Agents[mh] OR Anti-Bacterial Agents[mh])

Opacity/Surgery/Keratoplasty: (corneal opacity/surgery[mh]) AND (lamellar keratoplasty[tiab] OR superficial keratectomy[tiab] OR phototherapeutic keratectomy[tiab] OR microkeratome*[tiab] OR femtosecond[tiab] OR free-hand[tiab] OR Keratoplasty, Penetrating[mh] OR keratoprosthesis*[tiab] OR EDTA[tiab] OR Ethylenediaminetetraacetic acid[tiab])

Opacity/Surgery/Transplantation: (corneal opacity/surgery[mh]) AND (Corneal Transplantation/methods[mh])

Opacity/Therapy: (corneal opacity/drug therapy[mh] OR corneal opacity/therapy[mh]) AND (Contact Lenses[mh] OR bandage soft contact lens*[tiab] OR Anti-Inflammatory Agents[mh] OR Anti-Infective Agents[mh])

Corneal Diseases/Surgery/Transplantation: Corneal Diseases/surgery[MAJR] AND Corneal Transplantation[MAJR]

Edema/Keratoplasty/DSEK/DLEK/PTK: (corneal edema*[tiab] OR corneal oedema*[tiab]) AND (keratoplasty[tiab] OR DSEK[tiab] OR DMEK[tiab] OR DLEK [tiab] OR PK[tiab] OR PTK[tiab] OR phototherapeutic keratectomy[tiab] OR anterior stromal[tiab] OR Gunderson[tiab] OR amniotic[tiab])

Opacity/Keratoplasty/ALTK/HALK/DALK: (cornea*[tiab] AND opaci*[tiab]) AND (keratectom*[tiab] OR keratoplast*[tiab] OR ALTK[tiab] OR HALK[tiab] OR DALK[tiab] OR keratoplasty[tiab] OR PK[tiab] OR keratoprosthesis*[tiab] OR EDTA[tiab] OR Ethylenediaminetetraacetic acid[tiab])

Edema/Diagnosis: (corneal edema/diagnosis[MAJR]) AND (pachymetry*[tiab] OR corneal edema/ultrasonography[mh] OR ultrasound[tiab] OR ultrasonograph*[tiab] OR specular[tiab]) OR (corneal

edema/diagnosis[MAJR]) AND (Diagnostic Techniques, Ophthalmological[mh])

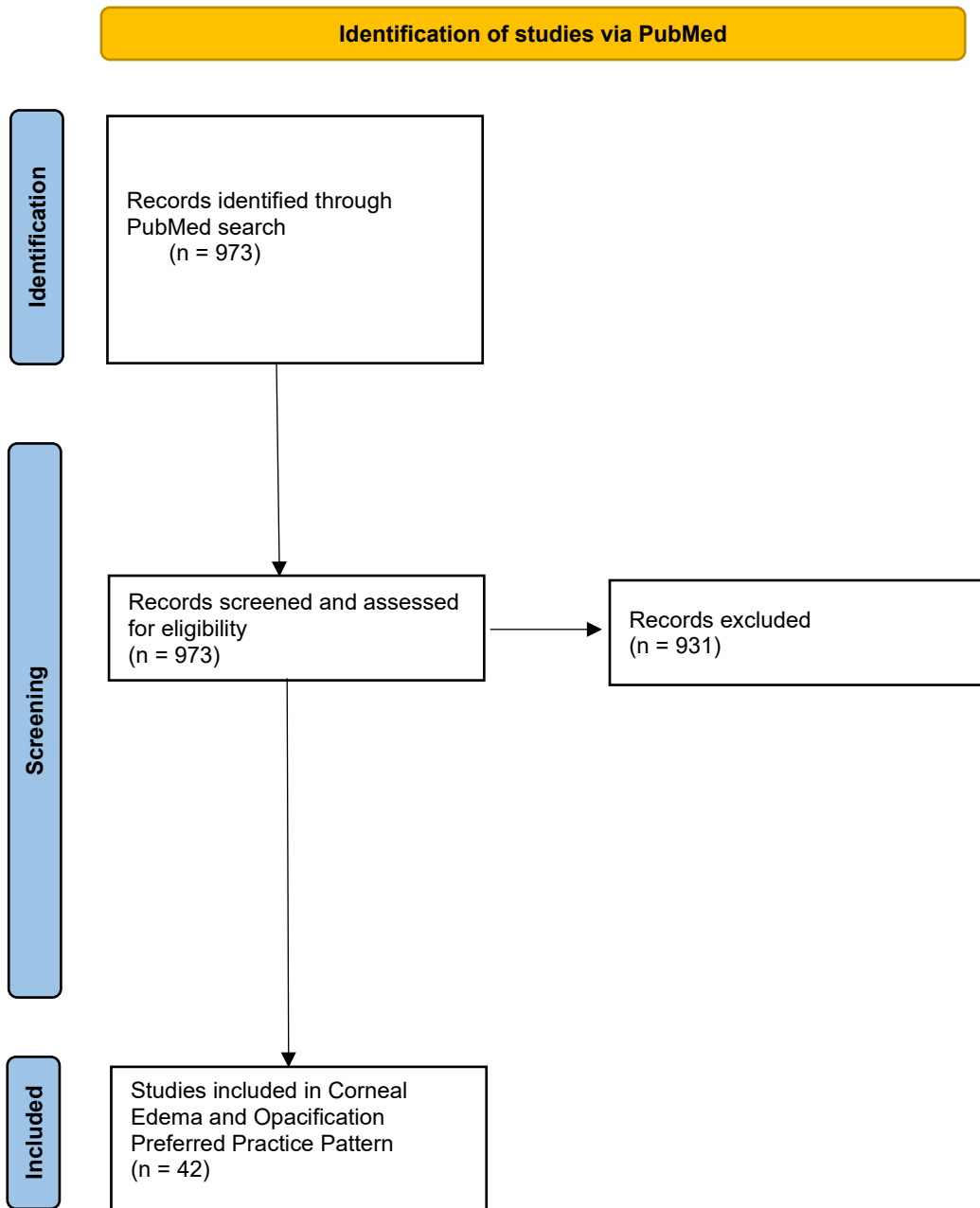
Opacity/Diagnosis: (corneal opacity/diagnosis[MAJR]) AND (Tomography, Optical Coherence[mh] OR Microscopy, Confocal[mh] OR potential acuity[tiab] OR overrefract*[tiab] OR corneal opacity/ultrasonography[mh] OR ultrasound[tiab] OR ultrasonograph*[tiab]) OR (corneal opacity/diagnosis[MAJR]) AND (Diagnostic Techniques, Ophthalmological[mh])

Edema/Pathology/Physiology/Physiopathology: ("corneal edema/pathology"[MAJR] OR "corneal edema/physiology"[MAJR] OR "corneal edema/physiopathology"[MAJR])

Opacity/Pathology/Physiology/Physiopathology: ("corneal opacity/pathology"[MAJR] OR "corneal opacity/physiology"[MAJR] OR "corneal opacity/physiopathology"[MAJR])

Socioeconomic: ("corneal edema"[All Fields] OR "corneal opacity"[All Fields]) AND (economics[All Fields] OR economics[MeSH Terms] OR cost[All Fields] OR cost[MeSH Terms] OR "quality of life"[All Fields] OR QoL[All Fields] OR quality of life[MeSH Terms] OR burden[All Fields] OR burden of illness[MESH Terms])

Patient Values: corneal edema[tiab] AND (patient values[tiab] OR patient preferences[tiab])



From: Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. *BMJ* 2021;372:n71. doi: 10.1136/bmj.n71

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