

LITERATURE SEARCHES FOR THIS PPP

Literature searches of the PubMed and Cochrane databases were conducted in March 2021; the search strategies were as follows. Specific limited update searches were conducted after May 2022.

Keratorefractive Surgery:

("keratomileusis, laser in situ"[MeSH Terms]) OR ("photorefractive keratectomy"[MeSH Terms]) OR ("keratectomy, subepithelial, laser assisted"[MeSH Terms]) OR (epi-LASIK[tiab]) OR (epi-laser in situ keratomileusis[tiab]) OR (epipolis-laser in situ keratomileusis[tiab]) OR (epi-LASEK[tiab]) OR (epi-Laser-Assisted Sub-Epithelial Keratectomy[tiab]) OR (epi-Laser-Assisted Subepithelial Keratectomy[tiab]) OR Laser Epithelial Keratomileusis[tiab] AND ((Quality of Life[MeSH Terms]) OR (Patient Satisfaction[MeSH Terms])) ("wound healing"[MeSH Terms]) AND (("colchicine"[MeSH Terms]) OR ("levonorgestrel"[MeSH Terms]) OR ("sumatriptan"[MeSH Terms]) OR (norplant[tiab])) AND ((Retina[MeSH Terms]) OR (Cornea[MeSH Terms])) (lasik[tiab] OR prk[tiab] OR lasek[tiab] OR epi-lasik[tiab] OR epi-lasek[tiab] OR laser in situ keratomileusis[tiab] OR photorefractive keratectomy[tiab] OR subepithelial laser-assisted keratectomy[tiab] OR surface ablation*[tiab]) AND (quality of life[tiab] OR patient satisfaction[tiab] OR pregnan*[tiab] OR lactat*[tiab] OR norplant[tiab] OR levonorgestrel[tiab] OR sumatriptan[tiab] OR colchicine[tiab])

Scleral Surgery:

“scleral surgery”[tiab] OR sclerotomy[tiab] OR “scleral expansion surgery”[tiab] OR “scleral expansion”

Femtosecond Laser Surgery:

"femtosecond laser surgery"[tiab] OR (femtosecond[tiab] OR femtosecond laser[tiab]) AND cataract[tiab])

PRK:

("photorefractive keratectomy/adverse effects"[MeSH Terms]) OR (photorefractive keratectomy[MeSH Terms]) AND (Treatment Outcome[MeSH Terms]) OR (photorefractive keratectomy[MeSH Terms]) AND (Time Factors[MeSH Terms]) OR (photorefractive keratectomy[MeSH Terms]) OR (photorefractive keratectomy[tiab] OR PRK[tiab])

LASEK:

(keratectomy, subepithelial, laser assisted[MeSH Terms]) OR (LASEK[tiab]) OR (laser-assisted subepithelial keratectomy[tiab])

Epi-LASIK:

(epi-LASIK[tiab]) OR (epi-laser in situ keratomileusis[tiab]) OR (epipolis-laser in situ keratomileusis[tiab])

Epi-LASEK:

(epi-LASEK[tiab]) OR (epi-Laser-Assisted Sub-Epithelial Keratectomy[tiab]) OR (epi-Laser-Assisted Subepithelial Keratectomy[tiab]) OR (epi-Laser Epithelial Keratomileusis[tiab])

LASIK:

(keratomileusis, laser in situ/adverse effects[MAJR]) OR (keratomileusis, laser in situ[MAJR]) AND (Treatment Outcome[MeSH Terms]) OR (keratomileusis, laser in situ[MAJR]) AND (Time Factors[MeSH Terms]) OR (keratomileusis, laser in situ[MAJR]) OR (lasik[tiab] OR laser in situ keratomileusis[tiab]) AND (outcome*[tiab] OR adverse[tiab] OR long-term[tiab] OR effect*[tiab] OR complication*[tiab] OR safety[tiab] OR trial[tiab] OR random*[tiab] OR review[tiab] OR comparative[tiab]) NOT (rabbit*[tiab] OR mouse[tiab] OR mice[tiab] OR animal*[tiab])

Radial Keratotomy:

Keratotomy, Radial[MAJR] OR radial keratotomy[tiab]

Thermal Keratoplasty:

(thermal keratoplasty[tiab]) OR (conductive keratoplasty[tiab])

Incisional Astigmatic (Transverse or Arcuate) Keratotomy:

(keratotomy[tiab]) AND ((astigmatic[tiab]) OR (arcuate[tiab]) OR (transverse[tiab]))

Automated Lamellar Keratoplasty:

(Automated Lamellar Keratoplasty[tiab])

Epikeratoplasty:

(Epikeratoplasty[tiab]) OR (Epikeratophakia[tiab]) OR Intracorneal Alloplastic Inlays: (intracorneal inlay*[tiab]) OR (intracorneal lens*[tiab]) OR (intracorneal implant*[tiab])

Intraocular Refractive Surgery:

"phakic intraocular lenses"[MeSH Terms] OR (phakic intraocular lens*[tiab]) OR (refractive lens exchange[tiab]) OR (clear lens extraction[tiab])

Refractive Surgery for Presbyopia:

"presbyopia/surgery"[MeSH Terms] OR ((photoablation[tiab]) OR (ablation[tiab])) AND (presbyop*[tiab]) OR (anterior ciliary sclerotomy[tiab]) OR ((Sclerostomy[MeSH Terms]) AND (Ciliary Body[MeSH Terms])) OR (scleral expansion[tiab]) OR (presbyop*[tiab]) AND (surg*[tiab]) OR (sclerostomy[tiab]) AND (ciliary[tiab]) OR scleral expans*[tiab])

Surface Ablation:

(Surface ablation*[tiab])

Socioeconomic:

"refractive errors"[MeSH Terms] AND "refractive surgical procedures"[MeSH Terms] AND ("economics"[MeSH Terms] OR "quality of life"[MeSH Terms] OR "cost effectiveness"[tiab])