

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.

Refractive Errors - Epidemiology & Risk Factors:

("refractive errors/epidemiology"[MAJR:noexp]) OR ("refractive errors/ethnology"[MAJR:noexp])
OR (hyperopia/epidemiology[MAJR:noexp]) OR (hyperopia/ethnology[MAJR:noexp]) OR
(myopia/epidemiology[MAJR:noexp]) OR (myopia/ethnology[MAJR:noexp]) OR
(astigmatism/epidemiology[MAJR:noexp]) OR (astigmatism/ethnology[MAJR:noexp]) OR
(presbyopia/epidemiology[MAJR:noexp]) OR (presbyopia/ethnology[MAJR:noexp])
((Refractive Errors[MAJR:noexp]) OR (Hyperopia[MAJR:noexp]) OR (Myopia[MAJR:noexp]) OR
(Astigmatism[MAJR:noexp]) OR (Presbyopia[MAJR:noexp])) AND (Prevalence[MeSH Terms])
((Refractive Errors[MAJR:noexp]) OR (Hyperopia[MAJR:noexp]) OR (Myopia[MAJR:noexp]) OR
(Astigmatism[MAJR:noexp]) OR (Presbyopia[MAJR:noexp])) AND (Risk Factors[MeSH Terms])
(("myopia/epidemiology"[MeSH Terms]) OR ("myopia"[MeSH Terms]) AND ("risk factors"[MeSH Terms]))
AND ((reading[tiab]) OR (near work[tiab]) OR (nearwork[tiab]) OR (cylinder power[tiab]) OR (optical power[tiab])
OR (accommodation[tiab]))
(refractive error*[tiab] OR hyperopia[tiab] OR myopia[tiab] OR astigmatism[tiab] OR presbyopia[tiab]) AND
(epidemiolog*[tiab] OR ethnolog*[tiab] OR prevalen*[tiab] OR risk factor*[tiab])
(myopia[tiab]) AND (reading[tiab] OR nearwork[tiab] OR near work[tiab])

Diagnosis – Reproducibility of Results:

("refractive errors/diagnosis"[MAJR]) AND ("reproducibility of results"[MeSH Terms]) OR (refractive error*[tiab]
OR hyperopia[tiab] OR myopia[tiab] OR astigmatism[tiab] OR presbyopia[tiab]) AND (diagnos*[tiab] OR
reproducib*[tiab]) OR (refractive error*[tiab] OR hyperopia[tiab] OR myopia[tiab] OR astigmatism[tiab] OR
presbyopia[tiab]) AND (accur*[tiab] OR detect*[tiab])

Refractive Errors – Prevention & Control:

((hyperopia[MAJR:noexp]) OR (myopia[MAJR:noexp]) OR (astigmatism[MAJR:noexp]) OR
(presbyopia[MAJR:noexp])) AND (disease progression[MeSH Terms])
(("refractive errors/prevention and control"[MAJR:noexp]) OR ("hyperopia/prevention and control"[MAJR:noexp])
OR ("myopia/prevention and control"[MAJR:noexp]) OR ("astigmatism/prevention and control"[MAJR:noexp]) OR
("presbyopia/prevention and control"[MAJR:noexp]))
("myopia"[MeSH Terms]) AND (("atropine"[MeSH Terms]) OR ("cyclopentolate"[MeSH Terms]) OR
("tropicamide"[MeSH Terms]) OR ("pirenzepine"[MeSH Terms]))
(refractive error*[tiab] OR hyperopia[tiab] OR myopia[tiab] OR astigmatism[tiab] OR presbyopia[tiab]) AND
(progress*[tiab] OR prevent*[tiab] OR atropine[tiab] OR cyclopentolate[tiab] OR tropicamide[tiab] OR
pirenzepine[tiab])

Aniseikonia:

"aniseikonia"[MeSH Terms] OR aniseikonia[tiab]

Contact Lenses:

("contact lenses"[MAJR]) AND ("keratitis"[MeSH Terms]) OR "contact lenses/adverse effects"[MAJR] OR
(contact lens*[tiab]) AND (keratitis[tiab] OR ulcer*[tiab]) OR (contact lens*[tiab]) AND (dry eye*[tiab] OR
meibomian[tiab] OR cornea*[tiab] OR inflamm*[tiab] OR ptosis[tiab] OR adverse[tiab])

Orthokeratology:

(orthokeratology[tw])

Keratorefractive Surgery:

(("keratomileusis, laser in situ"[MeSH Terms]) OR ("photorefractive keratectomy"[MeSH Terms]) OR
("keratectomy, subepithelial, laser assisted"[MeSH Terms]) OR (epi-LASIK[tw]) OR (epi-laser in situ

keratomileusis[tw] OR (epipolis-laser in situ keratomileusis[tw] OR (epi-LASEK[tw] OR (epi-Laser-Assisted Sub-Epithelial Keratectomy[tw] OR (epi-Laser-Assisted Subepithelial Keratectomy[tw] OR (epi-Laser Epithelial Keratomileusis[tw])) AND ((Quality of Life[MeSH Terms]) OR (Patient Satisfaction[MeSH Terms]))) ("pregnancy"[MeSH Terms] OR ("lactation"[MeSH Terms])) AND (("keratectomy, subepithelial, laser assisted"[MeSH Terms]) OR ("photorefractive keratectomy"[MeSH Terms]) OR ("keratomileusis, laser in situ"[MeSH Terms]) OR (Lasers, Excimer[MeSH Terms])) ((Norplant[tw] OR (levonorgestrel[tw])) AND (("keratectomy, subepithelial, laser assisted"[MeSH Terms]) OR ("photorefractive keratectomy"[MeSH Terms]) OR ("keratomileusis, laser in situ"[MeSH Terms]) OR (Lasers, Excimer[MeSH Terms])) ("wound healing"[MeSH Terms]) AND (("colchicine"[MeSH Terms]) OR ("levonorgestrel"[MeSH Terms]) OR ("sumatriptan"[MeSH Terms]) OR (norplant[tw])) AND ((Retina[MeSH Terms]) OR (Cornea[MeSH Terms])) ("keratectomy, subepithelial, laser assisted"[MeSH Terms]) OR ("photorefractive keratectomy"[MeSH Terms]) OR ("keratomileusis, laser in situ"[MeSH Terms]) OR (Lasers, Excimer[MeSH Terms])) AND (("colchicine"[MeSH Terms]) OR ("levonorgestrel"[MeSH Terms]) OR ("sumatriptan"[MeSH Terms]) OR (norplant[tw])) (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[tw] OR patient satisfaction[tw] OR pregnan*[tw] OR lactat*[tw] OR norplant[tw] OR levonorgestrel[tw] OR sumatriptan[tw] OR colchicine[tw])

Wavefront Aberrometry:

(wavefront[tw] AND (aberromet*[tw])

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]) OR (lasek[tiab] OR laser assisted subepithelial keratectomy[tiab]) AND

Epi-LASIK:

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

Epi-LASEK:

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

LASIK:

(keratomileusis, laser in situ/adverse effects[MAJR])
(keratomileusis, laser in situ[MAJR]) AND (Treatment Outcome[MeSH Terms])
(keratomileusis, laser in situ[MAJR]) AND (Time Factors[MeSH Terms])
(keratomileusis, laser in situ[MAJR])
(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*[tw])

Intrastromal Corneal Ring Segments:

(intrastromal corneal ring*[tw] OR (intacs[tw] OR ((intracorneal[tw] AND ((implant*[tw] OR (ring*[tw] OR inlay*[tw])) OR ((ICRS[tw] AND (cornea*[tw]))

Radial Keratotomy:

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

Thermal Keratoplasty:

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

Incisional Astigmatic (Transverse or Arcuate) Keratotomy:

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

Automated Lamellar Keratoplasty:

(Automated Lamellar Keratoplasty[tw])

Epikeratoplasty:

(Epikeratoplasty[tw]) OR (Epikeratophakia[tw])

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[tw]) OR (clear lens extraction[tw])

Refractive Surgery for Presbyopia:

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

Surface Ablation:

(Surface ablation*[tiab])

Socioeconomic:

"refractive errors"[MeSH Terms] AND "refractive surgical procedures"[MeSH Terms] AND "economics"[MeSH Terms] OR "refractive errors"[MeSH Terms] AND "refractive surgical procedures"[MeSH Terms] AND "quality of life"[MeSH Terms]