

## Supplementary material S2: Detailed Search Strategy

### PubMed

Free Text

Initial search performed on 30 April 2022

Search updated on 09 June 2022

No limits applied

**Supplementary Table 1.** Search term and search strategy used for paper search

#	Search Term	No. Results
1	"vision"	229.496
2	"loss"	1.095.087
3	1 AND 2	31.468
4	"blindness"	51.092
5	3 OR 4	77.454
6	" COVID-19" OR "SARS-CoV-2"	265.396
7	5 AND 6	353

Controlled Vocabulary: Medical Subject Headings (MeSH)

Initial search performed on 30 April 2019

Search updated on 9 June 2022

No limits applied

#	Search Term	No. of Results
1	("Vision Loss"[MeSH]) AND "COVID-19"[MeSH]	38
2	("Blindness"[MeSH]) AND "COVID-19"[MeSH]	38
3	("Loss of vision"[MeSH]) AND " COVID-19"[MeSH]	11
4	("Poor Vision"[MeSH]) AND " COVID-19"[MeSH]	136
5	("low vision"[MeSH]) AND " COVID-19"[MeSH]	11

All MeSH search results had already been found in the free-text search.

### Embase

Free Text

Initial search performed on 30 April 2022

Search updated on 09 June 2022

[embase]/lim, no other limits applied

Mapping options enabled:

- map to preferred term in Emtree
- search also as free text in all fields
- explode using narrower Emtree terms

search as broadly as possible

#	Search Term	No. of Results
1	((("vision") AND ("loss) OR ("blindness") AND (" COVID-19" OR "SARS-CoV-2"))	489

### Scopus

Free Text

Initial search performed on 30 April 2022

Search updated on 9 June 2022

#	Search Term	No. of Results
1	TITLE-ABS-KEY("vision") AND TITLE-ABS-KEY ("loss") OR (TITLE-ABS-KEY ("blindness")) AND TITLE-ABS-KEY ("COVID-19" OR "SARS-CoV-2")	301