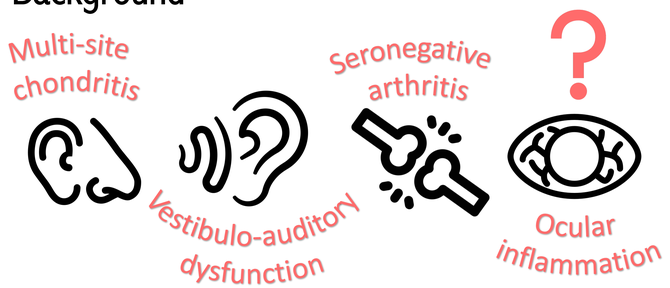
Ocular Manifestations of Relapsing Polychondritis (RPC)

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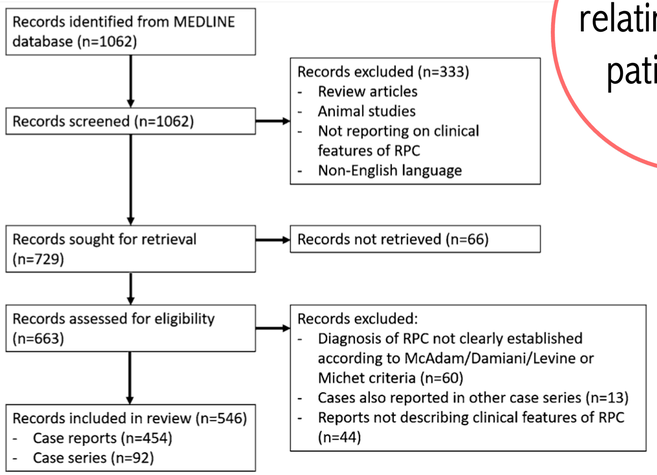
Background



Purpose

- Determine frequency and nature of ocular manifestations of RPC

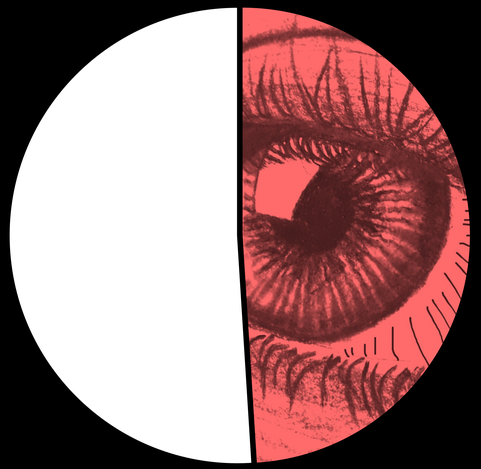
Methods



546 articles relating to 2414 patients with RPC

Results

49% of patients with **Relapsing Polychondritis** had ocular involvement



Scleritis 32.2%

Episcleritis 30.8%

Uveitis 23.2%

Conjunctivitis 17%

Keratitis 10.5%

Retinal manifestations 8.2%

Table 1 Frequency of ocular manifestations in patients with RPC

	n = 698	(%)
Scleritis	224	32.2
Necrotising	10	1.4
Non-necrotising	52	7.4
Scleritis type not specified	162	23.2
Episcleritis	215	30.8
Keratitis	73	10.5
"Keratitis" not specified	33	4.7
Keratoconjunctivitis	14	2.0
Peripheral corneal infiltrates	12	1.7
Peripheral ulcerative keratitis	5	0.7
Central corneal disease (infiltrate or ulcer)	3	0.4
Other	6	0.8
Conjunctivitis	117	16.8
Uveitis (any)	163	23.2
Anterior uveitis	86	12.3
Posterior/pan uveitis	18	2.6
Not specified	59	8.5
Retinal manifestations (including cystoid macular oedema)	57	8.2
Serous retinal detachment	7	1.0
Optic disc swelling	18	2.6
Associated with: scleritis/uveitis	12	1.7
Episcleritis	2	0.3
Cause unknown	2	0.3
Raised CSF pressure (aseptic meningitis, cerebral ependymoma of 4th ventricle)	2	0.3
Optic nerve manifestations	21	3.0
Periorbital swelling	27	3.9
Orbital inflammation/proptosis	21	3.0
Bilateral	8	1.1
Unilateral	10	1.4
Not specified	2	0.3
Raised intraocular pressure/glaucoma	10	1.4
Other neuro (e.g. nystagmus/diplopia/nerve palsy/visual field defect)	28	4.0

Conclusion

- 49% had ocular involvement
- M>F (58.3% vs 50%)
- This was the presenting feature in 21%

Full Publication

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