	Publications discussing the impact of IRDs on psychosocial/ socioeconomic aspects
1	Psychiatric aspects of ophthalmic disorders: A narrative review Mamtani NH, Mamtani HG, Chaturvedi SK. Indian J Ophthalmol. 2023 May;71(5):1810-1815. doi: 10.4103/ijo.IJO_2101_22. Indian J Ophthalmol 2023 372030
2	Male SR, Shamanna BR, Bhardwaj R, Gandhi R, Bhagvati C, Theagarayan B. Impact of color vision deficiency on the quality of life in a sample of Indian population: Application of the CVD-QoL tool. Indian J Ophthalmol. 2023 May;71(5):2204-2211. doi: 10.4103/ijo.IJO_1975_22. PMID: 37202949; PMCID: PMC10391464.
3	Hathibelagal AR. Occupational color vision norms in India: Time to amend? Indian J Ophthalmol. 2021 Apr;69(4):1004-1005. doi: 10.4103/ijo.IJO_3019_20. PMID: 33727484; PMCID: PMC8012971.
4	Singh AK, Khan MA, Singh A, Maheshwari A. Color vision in civil aviation. Indian J Ophthalmol. 2021 May;69(5):1032-1037. doi: 10.4103/ijo.IJO_2252_20. PMID: 33913828; PMCID: PMC8186604.
5	Hathibelagal AR. Implications of inherited color vision deficiency on occupations: A neglected entity! Indian J Ophthalmol. 2022 Jan;70(1):256-260. doi: 10.4103/ijo.IJO_1100_21. PMID: 34937250; PMCID: PMC8917528.
6	Singh K, Gotmare ND, Bhattacharyya M. Clinically relevant colour album test for the colour defective medical student. Indian J Ophthalmol. 2022 Jan;70(1):261-265. doi: 10.4103/ijo.IJO_1696_21. PMID: 34937251; PMCID: PMC8917595.
7	Kaur K, Gurnani B. Revisiting color vision standards and testing methods in various occupational groups. Indian J Ophthalmol. 2022 Jan;70(1):329-331. doi: 10.4103/ijo.IJO_1222_21. PMID: 34937273; PMCID: PMC8917564.
8	Dhaliwal U, Singh S, Nagpal G, Kakkar A. Perceptions of specialist doctors of the ability of doctors with colour vision deficiency to practise their specialty safely. Indian J Med Ethics. 2020 Oct-Dec;V(4):1-18. doi: 10.20529/IJME.2020.110. PMID: 34018946.
9	Chakrabarti S. Psychosocial aspects of colour vision deficiency: Implications for a career in medicine. Natl Med J India. 2018 Mar-Apr;31(2):86-96. doi: 10.4103/0970-258X.253167. PMID: 30829224.
10	Dhaliwal U. 'Reasonable accommodation' for medical professionals with congenital colour vision deficiency. Natl Med J India. 2018 Mar-Apr;31(2):65-66. doi: 10.4103/0970-258X.253161. PMID: 30829218.
11	Dhingra R, Rohatgi J, Dhaliwal U. Preparing medical students with congenital colour vision deficiency for safe practice. Natl Med J India. 2017 Jan-Feb;30(1):30-35. PMID: 28731005.
12	Spalding JA. Confessions of a colour blind physician. Clin Exp Optom. 2004 Jul;87(4-5):344-9. doi: 10.1111/j.1444-0938.2004.tb05065.x. PMID: 15312038.
13	Reddy SC. Colour blindness among students. J Indian Med Assoc. 1982 Jun 16;78(12):195-7. PMID: 6982300.
14	Reddy BM. Incidence of colour-blindness among the marine fishermen of Puri. Ann Hum Biol. 1983 Mar-Apr;10(2):189-90. doi: 10.1080/03014468300006331. PMID: 6601469.
15	Mahajan OP, Gogna RS. Study of colour blindness in school children. Indian J Physiol Pharmacol. 1977 Jan-Mar;21(1):59-62. PMID: 301503.
16	Mahapatra JK. Incidence of colour-blind cases among school children. J Indian Med Assoc. 1976 Aug 16;67(4):95-7. PMID: 1087928.
17	Murty JS, Vijayalaxmi C. Frequency of colour-blindness in Hyderabad school children. Ann Hum Biol. 1974 Apr;1(2):225-8. doi: 10.1080/03014467400000231. PMID: 4606564.
18	Bose J, Joardar BS, Sukul NC. Rod-monochromatism in an artisan community of West Bengal. Indian J Med Res. 1968 Dec;56(12):1875-81. PMID: 5306336.
19	Deswal K, Amin MG. Colour-defectiveness among the student population of Baroda. J Indian Med Assoc. 1966 Dec 16;47(12):604-6. PMID: 5298780.

Excluded non-syndromic IRDs

SL.No	Other IRDs	Total Reports	Genetics	No of cases with a genetic finding	Clinical	Others	Clinical Trials	Prevalence Global	Prevalence India
1	Choroideremia	9	1	2	4	4	Search for: choroideremia, gene therapy | Card Results | ClinicalTrials.gov	1 in 50,000 to 100,000	similar to global
2	Congenital stationary night blindness	11	2	12	5	4	NA	1 in 6210 (AlTalbishi et al., 2019)	-
3	Familial Exudative Vitreoretinopathy (FEVR)	14	7	74	5	1	NA	1 in 9,090 (Tang et al., 2018)	-
4	Enhanced S cone syndrome	3	1	1	2	-	NA	<1: 1000000 (Anmol et al., 2019)	-
5	Fundus Albipunctatus	2	1	1	1	-	NA	1-9/1000000 (https://www.malacards.org/card/fundus_albipunctatus)	-
6	Bestrophinopathy	8	4	12	4	-	NA	1 in 145,000 (Beryozkin et al., 2024)	-
7	Gyrate Atrophy	15	1	1	10	4	One GT : https://clinicaltrials.gov/search?cond=GYRATE%20ATROPHY&intr=gene%20therapy	1 in 1,000,000 (Surekha et al., 2012)	
8	LHON	Not investigated for this manuscript					NA	Ultra rare	~1:66602; http://www.molvis.org/molvis/v26/789/