

Big data and the eyeSmart electronic medical record system in a three-tier eye care network in India

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dry eye disease in children and adolescents in India. <i>Ocular Surface</i> , 2020, 18, 777-782.	4.4	23
2	Ophthathomeâ„¢: an integrated knowledgebase of ophthalmic diseases for translating vision research into the clinic. <i>BMC Ophthalmology</i> , 2020, 20, 442.	1.4	3
3	<p>Demography and Clinical Features of Chalazion Among Patients Seen at a Multi-Tier Eye Care Network in India: An Electronic Medical Records Driven Big Data Analysis Report</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 2163-2168.	1.8	7
4	Cataract Surgery in Dry Eye Disease: Visual Outcomes and Complications. <i>Frontiers in Medicine</i> , 2020, 7, 575834.	2.6	19
5	Epidemic keratoconjunctivitis in India: electronic medical records-driven big data analytics report IV. <i>British Journal of Ophthalmology</i> , 2020, , bjophthalmol-2020-317330.	3.9	3
6	Response of L V Prasad Eye Institute to COVID-19 outbreak in India: experience at its tertiary eye care centre and adoption to its Eye Health Pyramid. <i>International Journal of Ophthalmology</i> , 2021, 14, 1-9.	1.1	3
7	The impact of COVID-19 â€œUnlock-lâ€•on L V Prasad Eye Institute Network in Southern India. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 695.	1.1	5
8	Demographics and clinical profile of patients with ocular Calotropis poisoning in India. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 2417.	1.1	3
9	Leveraging big data for pattern recognition of socio-demographic and climatic factors in correlation with eye disorders in Telangana State, India. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 1894.	1.1	1
10	Temporal trend of microsporidial keratoconjunctivitis and correlation with environmental and air pollution factors in India. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 1089.	1.1	4
11	Recent indications of endothelial keratoplasty at a tertiary eye care center in South India. <i>International Ophthalmology</i> , 2021, 41, 3277-3285.	1.4	2
12	Ocular Involvement in SjÃƒrgren Syndrome: Risk Factors for Severe Visual Impairment and Vision-Threatening Corneal Complications. <i>American Journal of Ophthalmology</i> , 2021, 225, 11-17.	3.3	9
13	Environmental and Air Pollution Factors Affecting Allergic Eye Disease in Children and Adolescents in India. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5611.	2.6	7
14	Patterns of Non-Infectious Scleritis across a Tertiary Eye Care Network Using the Indigenously Developed Electronic Medical Record System-eyeSmart. <i>Ocular Immunology and Inflammation</i> , 2021, , 1-7.	1.8	4
15	Clinical Presentation and Demographic Distribution of Retinitis Pigmentosa in India and Implications for Potential Treatments: Electronic Medical Records Driven Big Data Analytics: Report I. <i>Seminars in Ophthalmology</i> , 2022, 37, 284-290.	1.6	3
16	Clinical Profile and Demographic Distribution of Corneal Dystrophies in India: A Study of 4198 Patients. <i>Cornea</i> , 2021, 40, 548-553.	1.7	7
17	Tele-consultations and electronic medical records driven remote patient care: Responding to the COVID-19 lockdown in India. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 1007.	1.1	49
18	Pivoting to teleconsultation for paediatric ophthalmology and strabismus: Our experience during COVID-19 times. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 1387.	1.1	30

#	ARTICLE	IF	CITATIONS
19	Epidemic Keratoconjunctivitis in India: Trend Analysis and Implications for Viral Outbreaks. Indian Journal of Ophthalmology, 2020, 68, 732.	1.1	12
20	Ocular and Periocular Tumors in India: An EyeSmart Electronic Medical Record Analysis of 9633 Cases from a Referral Center. Middle East African Journal of Ophthalmology, 2020, 27, 199.	0.3	10
21	Year one of COVID-19 pandemic: Effect of lockdown and unlock phases on cataract surgery at a multi-tier ophthalmology network. Indian Journal of Ophthalmology, 2021, 69, 2818.	1.1	12
22	Impact of COVID-19-related lockdown-I on a network of rural eye centres in Southern India. Indian Journal of Ophthalmology, 2020, 68, 2396.	1.1	7
23	Effect of COVID-19 Pandemic on Presentation of Patients With Diabetic Retinopathy in a Multitier Ophthalmology Network in India. Cureus, 2021, 13, e19148.	0.5	4
24	Electronic medical records “The good, the bad and the ugly. Indian Journal of Ophthalmology, 2020, 68, 417.	1.1	15
25	Automated Categorization of Systemic Disease and Duration From Electronic Medical Record System Data Using Finite-State Machine Modeling: Prospective Validation Study. JMIR Formative Research, 2020, 4, e24490.	1.4	5
26	Demographics and clinical presentation of patients with ocular disorders during the COVID-19 lockdown in India: A report. Indian Journal of Ophthalmology, 2020, 68, 1393.	1.1	27
27	Commentary: Electronic medical record system “should complement but not replace traditional health care. Indian Journal of Ophthalmology, 2020, 68, 432.	1.1	5
28	Biogeographical and Altitudinal Distribution of Cataract: A Nine-Year Experience Using Electronic Medical Record-Driven Big Data Analytics in India. Ophthalmic Epidemiology, 2021, 28, 392-399.	1.7	8
30	Clinical profile and demographic distribution of pellucid marginal corneal degeneration in India: A study of 559 patients. Indian Journal of Ophthalmology, 2021, 69, 3488.	1.1	2
31	Prevalence of chronic disease in older adults in multitier eye-care facilities in South India: Electronic medical records-driven big data analytics report. Indian Journal of Ophthalmology, 2021, 69, 3618.	1.1	1
32	Factors protecting against diabetic retinopathy in a geriatric Indian cohort. Indian Journal of Ophthalmology, 2021, 69, 3167.	1.1	1
33	Effect of Lockdown and Unlock Following COVID-19 on the Presentation of Patients With Endophthalmitis at a Tertiary Eye Center Over One Year. Cureus, 2021, 13, e19469.	0.5	2
34	Outcomes and complications of evisceration with primary implant: an electronic medical record driven analytics of 1800 cases. Orbit, 2022, 41, 717-725.	0.8	2
35	Clinical profile and microbiological trends of therapeutic keratoplasty at a network of tertiary care ophthalmology centers in India. International Ophthalmology, 2022, 42, 1391-1399.	1.4	2
36	People to policy: The promise and challenges of big data for India. Indian Journal of Ophthalmology, 2021, 69, 3052.	1.1	4
37	Clinical profile and demographic distribution of Terrien's marginal degeneration in a multitier ophthalmology network in India. Indian Journal of Ophthalmology, 2021, 69, 3482.	1.1	2

#	ARTICLE	IF	CITATIONS
38	Year one of COVID-19 pandemic in India: Effect of lockdown and unlock on the presentation of patients with infective keratitis at a tertiary eye center. Indian Journal of Ophthalmology, 2021, 69, 3779.	1.1	1
39	Clinical profile and magnitude of diabetic retinopathy: An electronic medical record-driven big data analytics from an eye care network in India. Indian Journal of Ophthalmology, 2021, 69, 3110.	1.1	4
40	Impact of Implementing Teleophthalmology Referral Guidelines Using the eyeSmart EMR App in 63,703 Patients from India. International Journal of Telemedicine and Applications, 2022, 2022, 1-7.	2.0	2
41	Sample size and its evolution in research. , 0, 1, 9-13.		7
42	Realizing the potential of routinely collected data for monitoring eye health services to help achieve universal health coverage. , 0, 1, 5-8.		1
43	Commentary: EyeSmart electronic medical record-based uveitis pattern - A big data analysis. Indian Journal of Ophthalmology, 2022, 70, 1267.	1.1	0
44	LV Prasad Eye Institute EyeSmart electronic medical record-based analytics of big data: LEAD-Uveitis Report 1: Demographics and clinical features of uveitis in a multi-tier hospital based network in Southern India. Indian Journal of Ophthalmology, 2022, 70, 1260.	1.1	3
45	Waves of COVID-19 Pandemic: Effect on Ocular Surface Services at a Tertiary Eye Center in India. Cureus, 2021, 13, e20719.	0.5	2
46	Ocular and periocular tumors in 855 Asian Indian geriatric patients. Oman Journal of Ophthalmology, 2021, 14, 153-156.	0.3	1
47	Clinical profile and demographic distribution of band shaped keratopathy in India: A study of 8801 patients. Indian Journal of Ophthalmology, 2022, 70, 1582.	1.1	1
48	Clinical and Demographic Profile of Uveal Coloboma: A hospital-based Study of 14,371 eyes of 9557 Indian Patients. American Journal of Ophthalmology, 2022, , .	3.3	0
49	Clinical Profile and Demographic Distribution of Synchrony Scintillans: An Electronic Medical Record-Driven Big Data Analytics From an Eye Care Network in India. Cureus, 2022, , .	0.5	0
50	Consanguinity and ocular disorders in India: Electronic medical records driven big data analytics. Indian Journal of Ophthalmology, 2022, 70, 2401.	1.1	2
51	Clinical profile and demographic distribution of Fuchs' endothelial dystrophy: An electronic medical record-driven big data analytics from an eye care network in India. Indian Journal of Ophthalmology, 2022, 70, 2415.	1.1	1
52	Retinitis pigmentosa in Usher syndrome in India: Electronic medical records driven big data analytics: Report III. Indian Journal of Ophthalmology, 2022, 70, 2540.	1.1	0
53	Retinitis pigmentosa in Laurence-Moon-Bardet-Biedl syndrome in India: Electronic medical records driven big data analytics: Report II. Indian Journal of Ophthalmology, 2022, 70, 2533.	1.1	2
54	Demography, Clinical Settings and Outcomes in Evisceration with Implant: An Electronic Medical Records Driven Analytics of 2071 Cases. Seminars in Ophthalmology, 2023, 38, 344-351.	1.6	0
55	Year One of COVID-19 Pandemic: Effect on Presentation of Patients With Glaucoma in a Multi-Tier Ophthalmology Network in India. Frontiers in Ophthalmology, 0, 2, .	0.5	0

#	ARTICLE	IF	CITATIONS
56	The microbiological landscape and epidemiology of ocular infections in a multi-tier ophthalmology network in India: an electronic medical record driven analytics report. <i>Eye</i> , 0, , .	2.1	0
57	Coats disease in India: clinical presentation and outcome in 675 patients (690 Eyes). <i>International Ophthalmology</i> , 0, , .	1.4	1
58	Clinical profile and demographic distribution of ophthalmia nodosa: An electronic medical record-driven big data analytics from a multitier eye care network. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3266.	1.1	0
59	The prediction capability of a cataract surgery risk stratification model based on a large electronic medical record dataset. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 3948.	1.1	0
60	The landscape of bacterial antibiotic susceptibility in a multi-tier ophthalmology network in India: an electronic medical record driven analytics report. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	1
61	Vasoproliferative retinal tumors: Clinical presentation and treatment outcome. <i>European Journal of Ophthalmology</i> , 2023, 33, 1596-1603.	1.3	1
62	GIANT RETINAL TEAR DETACHMENT. <i>Retina</i> , 2023, 43, 784-792.	1.7	2
63	Open Globe Injuries with Concurrent Orbital Fractures â€” Clinical Settings and Factors Predicting Outcomes. <i>Seminars in Ophthalmology</i> , 2023, 38, 572-578.	1.6	0
64	Clinical profile, demographic distribution, and outcomes of ocular siderosis: Electronic medical recordâ€”driven big data analytics from an eye care network in India. <i>Indian Journal of Ophthalmology</i> , 2023, 71, 418.	1.1	1
65	Implementation and scalability of shared care models for chronic eye disease: a realist assessment informed by health system stakeholders in Finland, the United Kingdom, and Australia. <i>Eye</i> , 2023, 37, 2934-2945.	2.1	1
66	Electronic medical records driven big data analytics in retinal diseases, report number 1: non-oncological retinal diseases in children and adolescents in India. <i>International Ophthalmology</i> , 0, , .	1.4	0
67	Clinical demographic characteristics and ocular Co-morbidities associated with Secondary lipid keratopathy at a tertiary care center. <i>Contact Lens and Anterior Eye</i> , 2023, 46, 101826.	1.7	0
68	Incurable Blindness: The Final Frontier in Vision Restoration. <i>Seminars in Ophthalmology</i> , 2023, 38, 394-397.	1.6	0
69	Clinical profile and demographic distribution of pigment dispersion syndrome: An electronic medical record-driven big data analytics from an eye care network in India. <i>Latin American Journal of Ophthalmology</i> , 0, 6, 6.	0.0	0
70	Clinical Profile and Demographic Distribution of <i>Acanthamoeba</i> Keratitis: An Electronic Medical Record-Driven Data Analytics from an Eye Care Network in India. <i>Ocular Immunology and Inflammation</i> , 0, , 1-5.	1.8	0
71	Ownership, privacy, and value of health-care data: Perspectives and future direction. , 0, 2, 41-46.		0
72	Solar retinopathy in India: Clinical presentation and demographic distribution in 253 patients (349) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	0
73	Teleophthalmologyâ€”LVPEI Eye Health Pyramid Program Experience. , 2023, , 471-483.		0

#	ARTICLE	IF	CITATIONS
74	Application of big data in ophthalmology. Taiwan Journal of Ophthalmology, 2023, 13, 123.	0.7	0
75	Clinical profile and demographic distribution of pseudoexfoliation syndrome: An electronic medical record-driven big data analytics from an eye care network in India. Indian Journal of Ophthalmology, 2023, 71, 2746-2755.	1.1	1
76	Prediction and analysis of time series data based on granular computing. Frontiers in Computational Neuroscience, 0, 17, .	2.1	0
77	The eyeSmart electronic medical record system enables decentralized and digital eyecare. , 0, , .		0
78	Herpes simplex virus keratitis: electronic medical records driven big data analytics report from a tertiary eye institute of South India. International Ophthalmology, 0, , .	1.4	2
79	Clinical Profile, Demographic Distribution and Risk Factors of Parafoveal Telangiectasia: An Electronic Medical Record-Driven Big Data Analytics from a Multitier Eye Care Network. Seminars in Ophthalmology, 0, , 1-7.	1.6	0
80	Clinical profile and demographic distribution of Stargardt disease phenotypes: An Electronic medical record-driven big data analytics from a multitier eye care network. Indian Journal of Ophthalmology, 2023, 71, 3407-3411.	1.1	0
81	Improving access to eye care in low and middle-income countries “ challenges, opportunities, and the way forward. Expert Review of Ophthalmology, 2023, 18, 365-377.	0.6	0
82	Keratoconus in India: Clinical presentation and demographic distribution based on big data analytics. Indian Journal of Ophthalmology, 2024, 72, 105-110.	1.1	0
83	Clinical profile, demographic distribution, and management of Posner’s Schlossman syndrome: An electronic medical record-driven data analytics from an eye care network in India. Indian Journal of Ophthalmology, 2024, 72, 347-351.	1.1	0
84	Microbiological Landscape and Epidemiology of Endophthalmitis in Children and Adolescents in a Multi-Tier Ophthalmology Network in India: An Electronic Medical Record-Driven Analytics Report. Ocular Immunology and Inflammation, 0, , 1-7.	1.8	0
85	Real-world experience of full-thickness traumatic macular hole among young patients. International Journal of Retina and Vitreous, 2024, 10, .	1.9	0