

History of Department of ophthalmology IGMC SHIMLA

Department of ophthalmology was established in IGMC SHIMLA while this medical college came in existence in 1966. Dr B .S. Jain took the charge of first head of ophthalmology in October 1969. THIS was followed by Dr G. C. Sood in 1971 .then in 1973 Dr B .K. Sofat became head of department till 1990. During his tenure diploma in ophthalmology was started in 1981 by admitting two students each year. M.S. Ophthalmology courses started in IGMC SHIMLA in 1987 with two admissions every year. The first batch of M.S. student passed out in 1989. Dr B.K. Goel took over as Head of department in 1990 and remained head till 1995 then Dr V. Bansal took over as head of department till 2003. From 2003 Dr K.P .Chaudhary remained head of department till Oct 2016. The no. of M.S Ophthalmology seats was increased from 2 to 4 per year in 2010. Dr RL Sharma was appointed Nodal officer eye bank IGMC Shimla in 2008 following which Eye bank was started on 29.08.2010 with its first landmark by performing its first successful corneal transplantation in the state of HP on Jan 8, 2011. Dr M. L.Pandey became HOD in Nov 2016 and remained HOD till August 2018. Dr RL Sharma took over as HOD in Sept 2018, who is the present head the department till date . Facilities of Phacoemulsification became available in IGMC SHIMLA since 2006 which was further boosted by installation of second machine in 2014. Phacoemulsification with micro incision cataract surgery started in Dec 2017. So state of art surgery with premium IOL implantation without injectable anaesthesia is done in department of ophthalmology IGMC SHIMLA without any waiting list. Other ocular and paraocular surgeries like glaucoma surgeries (trabeculectomy, glaucoma valve implantation, laser Iridotomy are routinely doner, oculoplastic surgeries like lid reconstruction, Ptosis, Ectropion ,Entropion are routinely carried out. Orbital surgeries like exentration, orbitotomy and orbital reconstruction surgeries are also performed in collaboration with orofacial surgeons, neurosurgeon. Dacrocystorhinostomy (external and endonasal) are done in collaboration with ENT surgeons. Eye banking services and penetrating and lamellar Keratoplasty are done for corneal blind patients. Eye bank has carried out about 325 Keratoplasty so far. Facilities for posterior segment evaluation like B scan, fundus camera are available since 2008. Posterior segment laser are available in department since 2008 for diabetic retinopathy and other disorders. OCT, ERG, EOG AND VEP like advanced facilities are also available in department since 2016 .Specular microscopy machine has been installed in department since 2017. Automated perimeter and NCT for glaucoma diagnosis is also available in the department. Dept has organized North Zone Ophthalmology Conferences in 1990, 1995, 2000, and 2017. State Ophthalmology Conferences of HP organized in 2011, and 2016. CME and Workshops are periodically done for different academic activities in the department. There is intake of 4 postgraduate students every year and total of 12 postgraduate students in the department of ophthalmology. Eye department also carries out social work like surgical camps, screening camps, public health awareness, TV talks and shows periodically. Department is continuously is in process of procuring latest machineries and facilities for the benefit of people of the state.

Faculty of Department of Ophthalmology 2023

Staff Details of Ophthalmology					
Sr No.	Name	Designation	Joining as Asstt. Proff	Associate Proff.	Professor
1.	Dr. R.L. Sharma	Prof. & Head	1-7-2002	29-5-2009	3-12-2014
2.	Dr. Vinod Kashyap	Assoc. Professor	19.11.2008	2.12.2014	
3.	Dr. Vinod Sharma	Assoc. Professor	23.06.2010	7.10.2015	
4.	Dr. Praveen Panwar	Assoc. Professor	4.11.2013	30.12.2019	
5.	Dr. Vinay Gupta	Assoc. Professor	19.01.2017		
6.	Dr Kalpana Sharma	Asstt. Professor	27.12.2019		
7.	Dr Arti Sareen	Asstt. Professor	8.04.2022		
8.	Dr Sakshi Jain	Asstt. Professor	3.05.2022		
9.	Dr Deepti Parmar	Asstt. Professor(Des)	16.11.21		
10	Dr Seema	Sr Resident			
11	Dr Sheetal Sharma	Sr Resident			
12	Dr Sohil Sharma	Sr Resident			

Publications

Publications and CME organized by Department of Ophthalmology

Serial number	Year	Total publications	publications National	Inter-national	No of presentations	CME	Awards
1.	2017	15	6	9	5	3	
2.	2018	14	4	10	4	3	
3.	2019	10	3	7	2	5	
4.	2020	4	2	2	7	3	
5.	2021	10	3	7	3	3	
6.	2022	3	3		9	6	
7.	2023	1	1		1	3	
Total		54	22	28	31	26	

Publications:

Prof R L Sharma

2011

1. **Ram Lal Sharma**, Roop Chand Thakur, Chandan Sud, Arti Sareen. Extended lateral orbitotomy, an effective procedure to excise large Orbital hydatid cyst: A rare case. *Annals of Tropical Medicine and Public Health* | Jan Jun 2011 | Vol 4 | Issue 1; 45-47

2012

2. Authored a book 'Ocular Pharmacology and therapeutics; Lambert publisher; 2012
3. **Ram Lal Sharma**, Praveen Panwar. Minimal Duration Cataract Surgery (MDCS) - SICS without Superior rectus stitch, no conjunctival flap and no cauterization. *Del J Ophthalmol* 2012; 22 (4):275-278.
4. Anmol Gupta, **Ram Lal**, SR Mazta, Deepak Sharma. Prevalence of Refractive Errors, Color Vision Defects and Other Ocular Disorders in School-going Children: Primary Screening by School Teachers Shimla district, India. *JIMSA* October-December 2012 Vol. 25 No. 4

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5. RL Sharma, P Panwar, RK Gupta, A Sharma, KP Chaudhary. Ocular manifestations in human immunodeficiency virus/AIDS patients and their correlation with CD4+ T-lymphocyte count. *Annals of Tropical Medicine and Public Health*; 5 (5), 2013; 474

2014

6. R Bhardwaj, KP Chaudhary, **RL Sharma**, V Gupta. Prevalence and pattern of corneal morbidity based on a new nomogram and graticule. *Delhi J Ophthalmol* 2014; 24 (3): 167-170. DOI: <http://dx.doi.org/10.7869/djo>
7. M Tomar, KP Chaudhary, RK Gupta, **RL Sharma**. Comparative study of MSICS technique by superior straight and oblique straight (9-12 O'clock) incision in terms of visual outcome, *Journal of Evolution of Medical and Dental Sciences* 2014; Vol. 3, Issue 45, September 18; Page: 11096-11103, DOI: 10.14260/jemds/2014/3448
8. Sharma RL, Damani G. Subtotal lower lid reconstruction from upper eyelid full thickness bridge flap with earlier 2nd stage surgery at 3 weeks. *Indian J Plast Surg*; 2014; 47:143-5. : <http://www.ijps.org/text.asp?2014/47/1/143/129654>
9. Kalpana Sharma, KP Chaudhary, RK Gupta, **RL Sharma**. Diseases causing visual field defects at Shimla hills. *DJO* 2014;25(2):95-98: <http://dx.doi.org/10.7869/djo.86>
10. **Ram Lal Sharma**, Gopal Damani. An unusual case of a large orbital wooden foreign body. *DJO* 2014; 25: 103-105. <http://dx.doi.org/10.7869/djo.88>
11. **RL Sharma**, Deepti Mahajan, K. Sharma. SICS tunnel construction with oblique limbal stab incision and its effectiveness in self-sealing, nucleus delivery and astigmatism - Minimal Duration Cataract Surgery - II. *Journal of Ocular Diseases and Therapeutics*; 2014, 2, 54-62. <http://dx.doi.org/10.12974/2309-6136.2014.02.02.2>

2015

12. Anuradha Sharma, ML Gupta, **Ramlal Sharma**. Spectrum of causative agents of suppurative keratitis in sub-Himalayan region of North India – a prospective study. *IOSR Journal of Dental and Medical Sciences* Vol 14;8 Ver. IV. 2015; 79-84.
13. **RL Sharma**, ML Pandey, D Mahajan. Basal and lateral block resection for residual eyelid tumor during second stage reconstruction at 3 weeks. *Arch Int Surg* 2015;5: 177-80. DOI: 10.4103/2278-9596.167516
14. ML Pandey, Sharma RL, A Sharma. Human ocular thelaziasis in Karnataka. Letter to the Editor, *IJO*:2015; 173 DOI:10.4103/0301-4738.154415

15. **RL Sharma**, T Sood, Cornea Verticillata: A Case Report; Int J Ophthalmic Pathol 2015, 4:4
<http://dx.doi.org/10.4172/2324-8599.1000172>
16. Himanshu Goel, Kalpana Sharma, Ram Lal Sharma, KP Chaudhary. Rubella retinopathy. Tropical ophthalmology: 2015; 27

2016

17. RL Sharma, S. Chauhan, D. Parmar. Ankyloblepharon filiforme adnatum associated with bilateral cleft lip and palate: a rare case. Delhi J Ophthalmology; 2016; Vol 26 No: 3 ;107-8
18. S. Verma, V. Sharma, A. Kanga, R. Sharma, A. Angrup, K. Mokta, A. Garg. Current spectrum of oculomycosis in North India: A 5-year retrospective evaluation of clinical and microbiological profile. Indian Journal of Medical Microbiology, (2016) 34(1): 72-75
19. R.L. Sharma, Kalpana Sharma, Monika Sharma, Deepti Parmar. Clinical signs and phenomenon in ophthalmology; Quick picks DOS Times, Jul - Aug 2016 | Volume 22, Number 1 | Pages 83
20. Sood T, Sharma RL, Mandeep T, Sood S, Sharma A. Climatic Keratopathy in Snow Laden Hilly Areas. *Int J Ophthalmol Eye Res.* 2016; 4(5), 212-214.
21. Sangeet Dhillon, Ram Lal Sharma, Anjali Mahajan, H.S. Sekhon, Kamlesh Sharma. A study of provision of facilities and fallacies of eye camps in India. Int. J. Life. Sci. Scienti. Res., Vol 2, : 88-92 ; 2016
22. Puri S, Asotra S, Sharma RL, Gupta N. Limbal carcinoma: Common malignancy at uncommon site. *Coin Cancer Investig J*; 2016 ;5:470-2. Available from: <http://www.ccij-online.org/text.asp?2016/5/5/470/197873>
23. Kumar N, Kaushik SL, Grover N, Sharma RL. Retinopathy of prematurity: incidence and risk factors: a hospital based study from Shimla, Himachal Pradesh, India. *Int J Res Med Sci Dec*, 2016. doi:10.18203/2320-6012.ijrms20164400

2017

24. Ram Lal Sharma, Kalpana Sharma, Preeti Chopra. Recurrent ocular toxoplasmosis and normalisation of serum IgG value. *International Journal Of Current Medical And Pharmaceutical Research*, Vol. 3; 01;1171-1173, January, 2017
25. Ram Lal Sharma, Kalpana Sharma, Preeti Chopra. Limited resection for limbal dysplasia by conjunctivectomy and medial canthectomy for limbal carcinoma involving medial canthus - Case series. *IJOOO*. 2017 Volume 3 : Issue 1
26. Ram Lal Sharma, Prem Machhan, Kalpana Sharma. Penetrating keratoplasty in Xeroderma pigmentosa - a rare case; *International Journal of Current Research* Vol. 9, Issue, 05, pp.50632-50634, May, 2017
27. RL Sharma¹, Kalpana Sharma². Topical anaesthesia (vocal -focal) for small incision cataract surgery. *International Journal of Ocular Oncology and Oculoplasty*, July-September, 2017;3(3):222-225
28. Mahajan D, Sharma RL, Chaudhary KP. Minimal duration cataract surgery with oblique limbal stab incision technique. *Oman J Ophthalmol* 2017;10:155-61.
29. Sharma K, Sharma RL, Chaudhary KP, Gupta RK. Retrospective analysis of types of visual field defects (Octopus 900 perimeter-based study) at Shimla Hills. *Trop J Med Res* 2017;20:149-54.

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30. RL Sharm, Janak Raj, Shagun Korla Easier lateral orbitotomy approach for excision of lacrimal gland tumour nternational Journal of Ocular Oncology and Oculoplasty, April-June, 2018;4(2):113-116 DOI: 10.18231/2581-5016.2018.0028

31. Sharma RL, Sharma K, Sharma S, Korla S. Hospital-based corneal retrieval at Shimla hills: An effective alternative to improve eye donation - retrospective analysis of an eye bank data. *Int J Soc Rehab* 2018;3:10-3.
32. Sood T, Sharma RL, Sahni G (2018) To Report a Case of Euphorbia Keratopathy . *J Clin Exp Opthamol* 9: 744. doi: [10.4172/2155-9570.1000744](https://doi.org/10.4172/2155-9570.1000744)
33. Gupta V, Sharma K*, Guleria P, RL Sharma. Bilateral Vogt-Koyanagi-Harada disease with poliosis (a rare initial presentation). *Int J Ocul Oncol Oculoplasty* 2019;5(2):94-6.

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35. Ram Lal Sharma. “Retaining Very Low Vision”. *EC Ophthalmology* 10.11 (2019): 92-93.
36. Ram Lal Sharma, Yash Pal Ranta. Eye banking. *Haryana J Ophthalmology* (2019): 50-53.
37. Sharma RL, Sharma K. Social impact on ophthalmic services during first wave of corona pandemic in sub-himalayan tertiary institute. *Int J Soc Rehab* 2019;4:6-11

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38. Vinod Sharma, Yash Pal Sharma, Mohan Lal Pandey, Rakhi Sharma, Vinay Gupta and Ram Lal Sharma “The Correlation Between Intraocular Pressure Reduction and Changes in Optic Nerve Head, Retinal Nerve Fibre Layer and Visual Fields in Open Angle Glaucoma Following Filtration Surgery”. *Acta Scientific Ophthalmology* 3.1 (2020): 03-08.
39. Ram Lal Sharma, Mohan Lal Pandey, Vinod Sharma, Kalpana Sharma, Neha Chaudhary. Laser puncture of symptomatic primary iris pigment epithelial cyst causing hemeralopia—a rare case . 5-9 | published: 2020-01-15 Vol 17 No 1 (2019): *Asian Journal of Ophthalmology*
40. Tarun Sood, Praveen Panwar Ram Lal Sharma et al . Adult ocular leech infestation. *Tropical Doctor*. July 2020;vol 50, 4:pp 358-360.
41. Yashpal Sharma, Vinod Sharma, Ram Lal Sharma, Mohan Lal Pandey, Kalpana Sharma. Prospective analysis of optic nerve head parameters before and after trabeculectomy at a tertiary institute of the Himalayan foothills (optical coherence tomography-based study) Jan –June 2020. **DOI:**10.4103/sjopthal.sjopthal_11_20- p. 17

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1. Gupta V, Sharma K, Sharma RL. Pattern Of Childhood Severe Vision Impairment And Blindness In Blind Schools Of Hilly State Of Himachal Pradesh. *Recent Adv Biol Med*. 2022; 8(2): 1709780. DOI: [10.18639/RABM.2022.1709780](https://doi.org/10.18639/RABM.2022.1709780)
2. Sharma RL, Sharma K, Parmar D, Gulati V, Dhiman S. Basal Cell Carcinoma Of Eyelid: A Surgical Challenge Solved. *Recent Adv Biol Med*. 2022; 8(1): 9800021. DOI: [10.18639/RABM.2022.9800021](https://doi.org/10.18639/RABM.2022.9800021)

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42. NL Sharma, BB Sharma, RC Sharma, V Mahajan, Sudhir Mehta, **RL Sharma**; Mastocytoma; *Indian Journal of Dermatology Venerology* 1993; 59; 132.
43. **Ram Lal Sharma**, Neebha Anand, Vinod Sharma. Goldenhar’s Syndrome A case report; *DOS Times*.Sept.1998.Vol.4; 13

44. **Ram Lal Sharma**, SP Singh. Tumor like granuloma in Sarcoidosis; Delhi Journal of Ophthalmology July1999; 54.
45. **Ram Lal Sharma**. Ocular diseases associated with smoking. DOS Times Vol.4; 23 Jan 1999
46. **Ram Lal Sharma** Bilateral optic neuropathy as presenting feature in AIDS patients H.J.O. Volume 1; July 98 ;
47. **Ram Lal Sharma**, Sudesh K Arya, Suman Kochhar, SP Dhir. Ophthalmic Ultrasound-North Zone Journal of Ophthalmology Nov. 1999; Vol.9; 18
48. Sudesh K Arya, **Ram Lal Sharma**, Jagdish chander, Sunandan Sood. Microbial contamination of Contact lens care system. North Zone Journal of Ophthalmology Nov. 2006; Vol.16 (1) 51-52
49. Sudesh K Arya, Suman Kochhar, SP Dhir, **Ram Lal Sharma**, VP Munjal. Variant of Sturge Weber Syndrome. Ann. Ophthalmol. 2001; 33(4); 337- 339.

Dr Vinod Kashyap

1. Kashyap V, Guleria P;Post-traumatic pseudophacocele; Tropical Ophthalmology; July-August 2015
2. Case report on Weil Marchesani Syndrome:Dr Pramod Guleria, Dr Vinod Kashyap, Dr Ponung Perme, Prof M L Pandey, Dr G C Rajput, Dr Vinay Gupta , Tropical ophthalmology;Nov Dec 2016
3. Parmar D,Rajput GC,Kashyap V,Chaudhary KP,PanwarP.The Incidence and risk factor of ROP.Europian Journal of Pharmaceutical and Medical research .2018,5(5)581-585.
4. Kumar P.Panwar P. Chaudhary K.P Kashyap V. Lens opacities and its correlation with phacoemulsification parameter in high lander verses low lander patients.TROPICAL OPHTHALMOLOGY 2016.

Dr Vinod Sharma

1. Vinod Sharma, Kalpana Sharma,Himanshu Goyal, Suresh Kumar,K P Chaudhary; Late Steroid Intervention in Traumatic Optic Neuropathy. International journal of recent trend in Science & technology. Case reports:vol 14;issue 2; 2015
2. S Verma, V Sharma, A Kanga, R L Sharma, A Angrup, K Mokta, A Garg?Current spectrum of oculomycosis in North India: A 5?year retrospective evaluation of clinical and microbiological profile Indian Journal of Medical Microbiology, (2016) 34(1): 72-75
3. Homonymous hemianopia and glaucomatous optic disc changes:rare co-existence: Dr Vinod Sharma, Dr Kalpana Sharma, Dr Deepti Parmar, Dr ML Pandey ;International journal of research in health sciences Apr-June volume 4 issue 2
4. Prof K P Chaudhary, Dr Vinod Sharma, Dr nishant, Dr Sudershan Kumar Sharma, Dr Brij Sharma on Helicobacter pylori positive dyspepsia in relation to ocular manifestations and primary open angle glaucoma in DJO in the year 2014, 24(4), 237-240
5. Prof K P Chaudhary, Dr Vinay Gupta, Dr Vinod Sharma, Dr Pankaj Thakur, Dr Balraj Singh on Effect on glaucoma filtering surgery on advanced visual fields published in DJO in the year 2013
6. Verma, V. Sharma, A Kanga, R. SharmaCurrent spectrum of oculomycosis in North India: A 5â€year retrospective evaluation of clinical and microbiological profile Indian Journal of Medical Microbiology, (2016) 34(1): 72-75 , A Angrup, K Mokta, A Garg.
7. Sequential bilateral retrobulbar optic neuritis in a young female:Dr V Sharma, Dr Deepti Mahajan, Dr Sudhir Sharma , Dr K P Chaudhary , J Clin Ophthalmology, Vol 5 issue 2 May- Aug 201

8. Cervical carcinoma metastasizing to uveal tissue manifesting as pseudohypopyon .Gupta V. , Sharma V.,Sharma k.,parmar D. Asian J Oncol2017;3:147-150
9. Vinod Sharma, Yash Pal Sharma, Mohan Lal Pandey, Rakhi Sharma, Vinay Gupta and Ram Lal Sharma“The Correlation Between Intraocular Pressure Reduction and Changes in Optic Nerve Head, Retinal Nerve Fibre Layer and Visual Fields in Open Angle Glaucoma Following Filtration Surgery”.*Acta Scientific Ophthalmology* 3.1 (2020): 03-08.
10. Deepti Parmar, Vinod Sharma, Kalpana Sharma. Choroidal and Orbital Metastasis in Carcinoma Lung: A Case Report.*Journal of medical science and clinical research*, August, 2018;6(8):152-155.
11. Sharma Y, Sharma V, Sharma K*, Pandey ML. Retinal nerve fiber layer and visual field changes in patients undergoing trabeculectomy at Sub-Himalayan Region. *Sudanese J Ophthalmol* 2019;11:19-24
12. Ram Lal Sharma, Mohan Lal Pandey, Vinod Sharma, Kalpana Sharma, Neha Chaudhary. Laser puncture of symptomatic primary iris pigment epithelial cyst causing hemeralopia—a rare case . (5-9 | published: 2020-01-15) Vol 17 No 1 (2019): Asian Journal of Ophthalmology
13. Yashpal Sharma, Vinod Sharma, Ram Lal Sharma, Mohan Lal Pandey, Kalpana Sharma. Prospective analysis of optic nerve head parameters before and after trabeculectomy at a tertiary institute of the Himalayan foothills (optical coherence tomography-based study) Jan –June 2020. DOI:10.4103/sjophthal.sjophthal_11_20- p. 17

Dr. Praveen Panwar

1. Dr Praveen Panwar , Dr k P Chaudhary Dr Vikas Fotedar ."Extra skeletal Ewing’s sarcoma presenting as lid swelling.”A case report. North Zone Journal Of Ophthalmology, Vol 18 No.1 April 2011
2. Dr Praveen PanwarDr k P Chaudhary Dr G.C Rajput “ Prevalence of Diabetic retinopathy in known type-2 diabetes Mellitus patients” .*Tropical Ophthalmology* Vol. 12NUM 2 March – April2012
3. Dr RL Sharma .Dr Praveen Panwar .Minimum Duration Cataract Surgery(MDCS)-SICS without superior rectus stitch,no conjunctival flap and no cautrizaton. *Delhi Journal of Ophthalmology* Vol.22NO.4April-June,2012
4. Dr Praveen Panwar Dr RL Sharma Dr R Gupta Dr k P Chaudhary"- Ocular manifestations in HIV /AIDS patients and their correlation with CD4+ T-lymphocyte count”. *Annals of Tropical Medicine and Public Health*.2012; Vol 5(5):474-478.
5. Dr Praveen Panwar Dr KalpnaSharma .Tuberous Sclerosis. Photo essay. *Delhi Journal of Ophthalmology*.2014; 24(3):189-191.
6. *V Sharma, A Angrup, Praveen Panwar, S Verma, D Singh, A Kanga.Keratitis by *Paecilomyces lilacinus*: A case report from SubHimalayan region.. *Indian J Med Microbiol* 2015;33:585-7 ..
7. Dr Shahid khan Dr k P Chaudhary, Praveen Panwar .A rare case of symblepheron triggered by long standing cilia. *J of Evolution of Med. and Dent. Sci/eSSN-2278-4802/vol 4 issue 09/Jan 29 2015*.
8. Dr Shahid khan Dr k P Chaudhary, Praveen Panwar .Terrien Marginal corneal degeneration . A follow up of 29 years .A case report. . *J of Evolution of Med. and Dent. Sci/eSSN-2988-2992/vol 4 issue 17/Feb 26 ,2015*.
9. Kulbhushan Prakash Chaudhary, MD; Deepti Mahajan, MS; Praveen Panwar, MS Favorable Long-term Prognosis of Cataract Surgery in Herpes Zoster Ophthalmicus..*Journal of Ophthalmic and Vision Research* 2016; Vol. 11, No. 2.

10. Dipti Parmar .Praveen Panwar, MS.K. P. Chaudhary, MD;Congenital coloboma manifesting as squint .TROPICAL OPHTHALMOLOGY Sep-Oct 2016
11. Kumar P.Panwar P. Chaudhary K.P Kashyap V. Lens opacities and its correlation with phacoemulsification parameter in high lander verses low lander patients.TROPICAL OPHTHALMOLOGY 2016.
12. Kalpana sharma Praveen Panwar Himanshu Sharma .Rubeosis iridis and collaterals at optic disc following atherosclerosis: sole and rare presentation .. Dostimes march to april .2017;51-54
13. Dr Nishant. Dr Tarun sud. Dr Mandeep Tomar .Dr Praveen Panwar .Talkng to the patient of Ocular injury .. Internatonal Journal of current Research2017, 9(08) 56607-56608.
14. Kalpana Sharma, Praveen Panwar, Kulbhushan Prakash Chaudhary.Intermittent divergent squint in prematurity and its neurophysiological aspects.. REVIEW ARTICLE. Year : 2017 | Volume : 12 | Issue : 2 | Page : 124-129.
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16. Kalpana Sharma, Praveen Panwar, Rakesh Kumar .Proptosis: A rare sole presentation of metastatic disease.Clinical Cance Invetigation Journal .Jan 2018.
17. Tarun Sood, Praveen Panwar, Mandeep Tomar. An unusual case of spontaneous uncomplicated hyphema and fibrinous uveitis seen in thrombocytopenia. Kerala Journal of Ophthalmology.Jan 2018.
18. Parmar D,Rajput GC,Kashyap V,Chaudhary KP,PanwarP.The Incidence and risk factor of ROP.Europian Journal of Pharmaceutical and Medical research .2018,5(5)581-585.
19. Praveen Panwar,Kalpana Sharma,Champa Panwar,Tarun Sood.Congenital Cataract –A Major Review: Ophthalmology Today 2019;Vol XX, No 1 Page:32-36.
20. Dr Seema, Dr G C Rajput, Dr Praveen Panwar, Dr Devender Kumar. RNFL thickness of natives of high altitudes vs low altitudes. Int. Journal of current advanced research.,20202 ;09(04), pp.21936-21939.
21. Tarun Sood, Praveen Panwar Ram Lal Sharma et al . Adult ocular leech infestation. Tropical Doctor. July 2020;vol 50, 4:pp 358-360.

Dr Vinay Gupta

1. K P Chaudhary, Dr Vinay Gupta: Surgical technique for managing deep corneal hematoma following penetrating keratoplasty published in Delhi Journal of Ophthalmology(DJO) Vol.23 No. 2 October-December 2012:115-118
2. Dr Vinay Gupta, Prof. K.P. Chaudhary on “ Risk factors for deterioration of visual fields after glaucoma filtering surgery” published in North zone journal of Ophthalmology, Vol. 19,No.1, April 2012
3. K.P. Chaudhary’s & Dr Vinay Gupta, Dr Vinod Sharma published an article on “Posterior Chamber Intra Ocular Lens (PCIOL) implantation in Fuchs’ heterochromatic Cyclitis syndrome (FHC Synd) Cataracts in Shimla Hills” published in North Zone Journal of Ophthalmology Vol. 18, No. 1, April 2011:39-43.
4. K.P. Chaudhary’s , Dr Ashish Aggarwal & Dr Vinay Gupta article on “Ophthalmic evaluation of Patients with Leukemia: Correlation of ocular and haematological findings” published in North Zone Journal of Ophthalmology Vol. 18 No.2,Oct 2011,19-25.
5. PROF K P Chaudhary, Dr RL Sharma, Dr Vinay Gupta, Dr richa on Prevalence and pattern of corneal morbidity based on a new nomogram and graticule published in DJO in the year 2014; 24(3): 167-170

6. A Case report on Weill Marchesani Syndrome: Dr Pramod Guleria, Dr Vinod Kashyap, Dr Ponung Perme, Dr M L Pandey, Dr G C Rajput, Dr Vinay Gupta, Tropical ophthalmology 2016
7. Case report of Herpes Zoster ophthalmicus and lateral rectus palsy in an elderly patient: Dr Pramod Guleria, Dr G C Rajput, Dr M L Pandey, Dr Vinay Gupta, Dr K P Chaudhary: Tropical ophthalmology ; July – Aug 2016
8. Case report on orbital pseudotumor : Dr Pramod Guleria, Dr R K Gupta, Dr ML Pandey, Dr Vinay Gupta, Dr GC Rajput, Dr KP Chaudhary ; Tropical ophthalmology may-june 2016
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13. Vinod Sharma, Yash Pal Sharma, Mohan Lal Pandey, Rakhi Sharma, Vinay Gupta and Ram Lal Sharma "The Correlation Between Intraocular Pressure Reduction and Changes in Optic Nerve Head, Retinal Nerve Fibre Layer and Visual Fields in Open Angle Glaucoma Following Filtration Surgery". *Acta Scientif Ophthalmology* 3.1 (2020): 03-08
14. Gupta V, Sharma K*, Guleria P, RL Sharma. Bilateral Vogt-Koyanagi-Harada disease with poliosis (a rare initial presentation). *Int J Ocul Oncol Oculoplasty* 2019;5(2):94-6.
15. Sanyam K Mahajan, Vinay Gupta, Sudhir Sharma, Suresh Thakur. Scrub Typhus with partial Superior Orbital Fissure Syndrome. *DJO Vol 30*, April-June 2020. pp 61-62.
16. Gupta V, Sharma K, Sharma RL. Pattern Of Childhood Severe Vision Impairment And Blindness In Blind Schools Of Hilly State Of Himachal Pradesh. *Recent Adv Biol Med*. 2022; 8(2): 1709780. DOI: 10.18639/RABM.2022.1709780

Dr Kalpana Sharma

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Thesis study conducted in department of ophthalmology IGMC Shimla

Year		Name	Topic	Guide	Coguide
1989	1.	Dr. Parma Nand Sharma	Limbal Vs Fornix Bases Conjunctival Flap Trabeculectomy – A Comparative Study	Dr. K.P. Chaudhary	Dr. B.K. Goel
1990	2.	Dr. Anupam Mishra	Immune Profile In Uveitis (Acute Anterior).	Dr. B.K. Goel	Dr. Asha Goyal
1990	3.	Dr Satya Bandhu Sood	Anti Prostaglandins: Inhibition Of Intraoperative Miosis In Ecce. A Comparative Study	Dr. B.K. Sofat	Dr. K.P. Chaudhary
1991	4.	Dr. Rattan Kumar Sharma	Study Of Iop In Relation To Altitudes.	Dr. B.K. Goel	Dr. R.S. Parmar
1991	5.	Dr. R K Gupta	Aerobes; Anaerobes And Fungi In Conjunctival Flora	Dr B.K.Goel	Dr P D Sharma
1992	6.	Dr. R N Shasni			
1992	7.	Dr Rajeev Tuli	Comparitive Study Of Trabeculostomy And Trabeculectomy In Glaucoma	Dr Kp Chaudhary	Dr B K Goel
1993	8.	Dr. Bhag Singh Dhiman	Study Of Effects Of Nifedipine On Iop.	Dr. Vijay Laxmi Bansal	Dr. B.K. Goel Dr. P.D. Sharma Dr. L.S. Pual
1993	9.	Dr. Ashwini Kapila			
1994	10	Dr. M L Pandey	Study Of Bacterial Pattern In Dacryocystitis	Dr. B.K. Goel	Dr. R.S. Parmar Dr. Asha Goel
1995	11	Dr. Sahibal Mahatrey	Subconjunctival Anesthesia For Cataract Surgery	Dr B. K .Goel	Dr Asha Bansal
1996	12	Dr. R. L Sharma	Study Of Occludable Angles And Angle Closure Glaucoma In Patients With Exfoliation Syndrome	Dr. R.S. Parmar	Dr. V. Bansal Dr. B.K. Goel

1996	13	Dr. C K Gupta	To Study The Contrast Sensitivity In Normal And Glaucoma Patients	Dr V Bansal	Dr. R.S. Parmar Dr. B.K. Goel
1997	14	Dr. Vinod Sharma	Prevalence And Pattern Of Color Vision Defects In School Going Children By Ishihara Plates .	Dr. R.S. Parmar	Dr. V. Bansal
1997	15	Dr. Nidhi Kaushal	Coloured Perimetry In Normal And Glaucoma Patients In Goldmanns Perimeter		
1998	16	Dr. Rakesh Kumar Gupta	Bacterial Contamination Of Anterior Chamber Aspirate After Cataract Surgery.	Dr. R.S. Parmar	Dr. V. Bansal Dr. Asha Goel
1998	17	Dr. Vinod Sharma	Colour Blindness I N School Going Children	Dr. R.S. Parmar	Dr. V. Bansal
1999	18	Dr. Gian Chand Rajput	Role Of B-Scan Usg In Opaque Ocular Media In Shimla Area.	Dr. V.L. Bansal	Dr. K.P. Chaudhary.
1999	19	Dr. Devashish Sahni	Comparison Of Postoperative Error After Standard & Biometry Calculation	Dr Kp Chaudhary	
2000	20	Dr Jatinder Bali			
2000	21	Dr. Vinod Kashyap	Iop Changes After Peribulbar Injection With Or Without Ocular Compression	Dr. V.L. Bansal	Dr. Anil Chauhan
2001	22	Dr. Vinay Gupta	The Effect Of Glaucoma Filtering Surgery On Visual Fields.	Dr. K.P. Chaudhary	Dr. V. Bansal
2001	23	Dr Sunder Negi	Postoperative Iop Rise Measurment After Ecce Using Perkins Tonometer	Dr. V. Bansal	Dr Sofat
2002	24	Dr. Sumeet Sud	Evaluation Of Contrast Sensitivity Of Pseudophakes And Aphakes Using Cambridge Low Contrast Gratings.	Dr. (Mrs.)V. L. Bansal	Dr. K.P. Chaudhary Dr. Anil Chauhan Dr. M.L. Pandey

2002	25	Dr. Chandan Sud	Visual Outcome And Complications After Cataract Extraction.	Dr. Anil Chauhan	Dr. (Mrs) V.L.Bansal Dr K.P.Chaudhary
2004	26	Dr Ranvir Rana	Comparative analysis of retroflexion and iridocyclorettraction (modified trab 2) with standard trabeculectomy	Dr. K.P. Chaudhary	
2004	27	Dr Rahul Bhargava	Laser Capsulotomy In Different Grades Of PCO	Dr M L Pandey	Dr K P Chaudhary
2005	28	Dr. Shefali Singla	Role Of Bimatoprost In Control Of Intraocular Pressure After Nd:Yag Laser Posterior Capsulotomy And Its Comparison With Apraclonidine	Dr. Anil Chauhan	Dr. Surat Singh
2005	29	Dr Lokesh Jain	A Comparative Study Of Conventional Ecce And Msics Both With Pciol In Our Set Up .	Dr. Surat Singh	Dr. R.K. Gupta Dr. M.L. Pandey
2006	30	Dr Arti	Visual Outcome Following Cataract Surgery In Selected Hospitals Of Shimla District : A Longitudnal Follow Up Study.	Dr. Surat Singh	Dr B.P Gupta Dr R.L. Sharma
2006	31	Dr YP Ranta	Comparative Evaluation Of External Dcr Vs Endonasal Endoscopic Dcr .	Dr. K.P. Chaudhary	Dr. Chander Mohan Dr. R.K.Gupta Dr. R.L.Sharma
2006	32	Dr Ashish Aggarwal	Ophthalmic evaluation of patient with leukemia and correlation between ocular and hematological findings.	Dr. K.P. Chaudhary	
2006	33	Dr Harmeet Singh	Colour Doppler Velocimetry Of Central Retinal Artery In Glaucomatous And Normal Subjects.	Dr. K.P.Chaudhary	Dr. P.C. Negi

2007	34	Dr Kusum B	A Clinical Study Of An Association Between Hypothyroidism And Primary Open Angle Glaucoma In Our Setup.	Dr.Surat Singh	Dr . R.L. Sharma Dr. Balbir Verma
2007	35	Dr Lalit	Ocular Manifestations In Patients With Rosacea : A Clinical Study	Dr. K.P.Chaudhary	Dr. Vinay Sharma
2008	36	Dr SK sharma	To Study The Prevalence And Pattern Of Ocular Manifestation In Immunobullous And Collagen Vascular Disease Of Skin .	Dr. K. P. Chaudhary	Dr . N.L. Sharma Dr. G.C.Rajput
2008	37	Dr Parveen	Ocular Manifestations In HIV/Aids Patients	Dr R K Gupta	Dr Ashok Sharma Dr RI Sharma Dr K .P. Chaudhary
2009	38	Dr Deepak	Effect Of Systemic Administration Of Hmg Co-A Reductase Inhibitors Atorvastatin On Cra Flow Dynamics, Iop And Visual Field Changes In POG And NTG Patients .	Dr. K.P. Chaudhary	Dr. P.L. Negi Dr. Rajiv Tuli
2009	39	Dr Gaurav	A Clinical Study Of Topical Azelastine Ophthalmic Solution And Cromolyn Ophthalmic Solution With Olopatadine Ophthalmic Solution In The Management Of Chronic VKC .	Prof. Dr. K.P. Chaudhary	
2010	40	Dr Aditya	Angular Relations Of Upper Corneal Coverage By Upper Lid Margin In Relation To Central Corneal Reflex In Normal Subjects In Shimla Hills.	Dr K P Chaudhary	Dr M L Pandey
2011	41	Dr Shashi	Visual Outcome And Complications After Msics And Phacoemulsification	Dr R K Gupta	Dr G C Rajput

2011	42	Dr. Sunil Kumar	Effect Of Systemic Administration Of HMG-Co-A Reductase Inhibitors On Central Retinal Artery Flow Dynamics,IOP And Visual Field Changes In Pt. Of OAG And NTG	Prof. Dr. K.P. Chaudhary	Dr. P.C. Negi Dr. R.L. Sharma Dr. Vinod Kashyap
2012	43	Dr Monica Thakur	Optic Cup And Disc Ratio Of Natives Of High Altitude Versus Low Altitude Kowa Vx-10 Fundus Camera (Non Mydriatic) Based Study .	Prof. Dr. K.P. Chaudhary	Dr G C Rajput

2012	44	Dr Kalpana Sharma	Retrospective Analysis Of Visual Fields Based On Automated Perimetry ,To Study The Types And Diseases Causing Visual Field Defects	Dr R .K .Gupta	Dr R.L Sharma Dr K.P.Chaudhary
2012	45	Dr Nitin Kumar (M.D Paediatrics)	ROP: Incidence And Risk Factors		Dr RI Sharma
2013	46	Dr Pankaj Thakur	A Comparative Study Of Conventional Msics With Modified Msics In Terms Of Intraoperative And Postoperative Complications Visual Outcome ,Surgical Duration And Surgeon Comfort	Dr MI Pandey	Dr G C Rajput Dr K P Chaudhary
2013	47	Dr Richa Bhardwaj	A Prospective Study On The Prevalance And Pattern Of Corneal Morbidity In A Tertiary Care Eye Institute	Dr K P Chaudhary	Dr R L Sharma
2013	48	Dr Nishant Vardhan	To Study Corelation Between H.Pylori And POAG	Dr Vinod Sharma	Dr K P Chaudhary
2013	49	Dr Mandeep Tomar	Comparative Study Of Msics Technique By Superior Straight And Oblique Straight Incision In Terms Of Visual Outcome ,Complications ,Surgical Duration And Surgeon And Patient Comfort	Dr R K Gupta	Dr K P Chaudhary Dr R L Sharma Dr Vinod Kashyap
2014	50	Dr Anubhav Chauhan	Posterior Segment Disease Distribution Among Patients Reporting For Photographic Evaluation At Fundus Clinic At IgmC Shimla	Dr K P Chaudhary	Dr G C Rajput
2014	51	Dr Tarun Sood	To Study The Epidemiological Topographical And Socioeconomic Factors Inleuncing Eye Banking At A Hilly Terrain	Dr K P Chaudhary	Dr R K Gupta
2014	52	Dr Gopal Damani	To Study The Renal Dysfunction In Pseudoexfoliation Syndrome	Dr K P Chaudhary	Dr MI Pandey Dr Vinod Sharma
2014	53	Dr Mayank Mahajan	Intraoperative And Postoperative Following Msics In Patients Suffering From Cataract With Pseudoexfoliation	Dr R K Gupta	Dr Kp Chaudhary
2015	54	Dr Sanjeev Dhiman	Fundus Changes In Early Npdr	Dr R K Gupta	
2015	55	Dr Shahid Khan	Comparison Modified Msics With Phaco In Terms Of Intraoperative And Postoperative Complications,Surgical Duration And Surgeon And Patient Comfort And Bcva	Dr M L Pandey	Dr Vinod Kashyap Dr K P Chaudhary
2015	56	Dr Himanshu Goyal	Relation Between Pseudoexfoliation And Sensorineural Hearing Loss	Dr R K Gupta	

2015	57	Dr Deepti Mahajan	Comparison Of Posterior Limbal Incision In Phaco And Modified Sics In Terms Of Visual Outcome ,Complications ,Surgical Duration And Surgeon And Patient Comfort	Dr R K Gupta	Dr R L Sharma
2016	58	Dr Deepti Parmar	To Study The Incidence And Risk Factors Of Rop At IgmC And Knh Shimla	Dr G C Rajput	Dr K P Chaudhary Dr Rakesh Sharma Dr Vinod Kashyap Dr Praveen Panwar
2016	59	Dr Madhu Sharma	A Prospective And Comparative Study On Intra And Post Operative Complications In Patients Of Pseudoexfoliation Syndrome With Cataract Undergoing MSICS, Modified MSICS And Phacoemulsification.	Dr M L Pandey	Dr Vinod Sharma Dr K P Chaudhary
2016	60	Dr Monika Sharma	Retro-Prospective Analysis Of Corneal Transplants Performed At IgmC Eye Bank, Shimla	Dr R L Sharma	Dr K P Chaudhary
2016	61	Dr. Reena Ahlawat	Comparison Of PCO In Acrylic And PMMA In Bag Fixated Pciol.	Prof. Dr. R.K. Gupta	Prof. Dr. K.P. Chaudhary
2017	62	Dr Megha Gautam		Dr ML Pande	
2017	63	Dr Preeti Chopra	To Compare The Efficacy Of Topical Antibiotic And Steroid Combination (Prednisolone 1 Percent)And Topical Antibiotic Nonsteroidal Antiinflammatory Drugs (Bromfenac 0.09 Percent) In Controlling Postop Inflammation After Uncomplicated Phaco with Iol Implantation .	Dr R L Sharma	
2017	64	Dr Neha Chaudhary	A Case Control Study To Evaluate The Corelation Of Hba1c With Central Corneal Thickness And Iop In Type 2 Diabetics	Dr G C Rajput	Dr K P Chaudhary Dr R K Gupta Dr Rajesh Bhawani
2017	65	Dr Parveen Kumar	To Study The Lens Opacities Based On LOC lens Opacities Based On Loc And Its Corelation With Phacoemulsification Parameters In High Landers Versus Low Lander Patients	Dr K P Chaudhary	
2018	66	Dr Shagun Korla	To Compare The Incidence Of Cme Following Use Of Topical Prednisolone 1 Percent Versus Bromofenac 0.09 Percent After Uncomplicated Phaco With Pciol On Oct	Dr Rl Sharma	Dr M. L Pandey

2018	67	Dr Ponung Perme	Posterior Segment Disease Distribution Pattern Among Patients Reporting For Oct At Igmc	Dr G . C. Rajput	Dr M. L. Pandey
2018	68	Dr Yashpal Sharma	To Study Retinal Nerve Fibre Layer And Optic Nerve Head Parameter Using Oct And Automated Vfyalsis, Before And After Trabeculectomy In Poag .	Dr M L Pandey	Dr Vinod Sharma
2018	69	Dr Rakesh Kumar	To Study Foveal Slope Measurement On Oct In Diabetic Retinopathy To Predict The Development Of Sight Threatening Retinopathy In A Hospital Based Study	Dr Vinod Kashyap	Dr M L Pandey
2018	70	Dr Asha Negi (M.D. Physiology)	Role Of Vep In Poag In A Prospective Comparative Study		Dr R .L .Sharma
2019	71	Dr Gunjan	Analysis Of Thickness Of Macular Rnfl,Ganglion Cell Layer Plus Inner Plexiform Layer And Ganglion Cell Complex Versus Peripapillary Rnfl By Spectral Domain Oct In Normal And Glaucomatous Human Eyes In Shimla Hills	Dr M L Pandey	Dr Vinod Sharma Dr Praveen Panwar
2019	72	Dr Anubha	To Determine The Role Of Post Operative Oral Antibiotic After Uncomplicated Phacoemulsification.	Dr R L Sharma	Dr MI Pandey Dr Vinay Gupta
2019	73	Dr Sharad	To Compare Foveal Thickness In Diabetic Patients With Controls On Oct.	Dr Vinod Kashyap	Dr Vinay Gupta
2019	74	Dr Seema	Retinal Nerve Fibre Layer Thickness Of Natives Of High Altitude Versus Low Altitude (Topcon 3d Oct -1 Maestro Based Study “).	Dr G C Rajput	Dr MI Pandey Dr Praveen Panwar
2020	75	Dr Sohil	To study the peripapillary nerve fibre layer thickness and corneal endothelial morrhometric changes in patients of pseudoexfoliation with and without glaucoma in Shimla Hills	Dr Vinod Sharma	Dr M L Pandey Dr R L Sharma
2020	76	Dr Punam	Relationship of serum HbA1c and fasting serum lipids with central macular thickness in patient with Type 2 DM.	Dr Vinod Kashyap	Dr R L Sharma
2020	77	Dr Aditi Rao	Comparison of endothelial cell loss between peribulbar anaesthesia and topical anaesthesia following uncomplicated phacoemulsification with posterior chamber IOL.	Dr R L Sharma	
2020	78	Dr Sheetal Sharma	Correlation of CD 4 count and severity of dry eye in people living with HIV and AIDS	Dr G C Rajput	Dr R L Sharma Dr Dalip Gupta
2021	79	Dr Eshani Gupta	Comparative evaluation of 2.8mm vs 2.2 mm cataract incision terms of surgical	Dr R L Sharma	Dr Praveen Panwar

			induced astigmatism and endothelial cell loss in uncomplicated phacoemulsification		
2021	80	Dr Sumit Chauhan	Comparative evaluation of the effect of perioperative intracameral moxifloxacin Vs subconjunctival moxifloxacin in controlling ocular infection after uncomplicated phacoemulsification.	Dr Vinod Kashyap	Dr R L Sharma Dr Vinay Gupta
2021	81	Dr Aditya Negi	Study of risk factors for RVO in tertiary care eye hospital IGMCM Shimla	Dr Vinod Sharma	Dr R L Sharma Dr Vinay Gupta
2021	82	Dr Pranidhi	Incidence and pattern of dry eye after phacoemulsification surgery	Dr G C Rajput	Dr R L Sharma Dr Vinod Sharma Dr Praveen Panwar
2022	83	Dr Priyanka Parmar	To compare the endothelial cell loss in different grades of age related cataract following uncomplicated phacoemulsification	Dr R L Sharma	Dr Vinay Gupta
2022	84	Dr Ananthu Gopal GL	Comparative evaluation of peribulbar anaesthesia vs topical anaesthesia in terms of complications and comfort level during phacoemulsification	Dr R L Sharma	Dr Vinay Gupta
2022	85	Dr Vibham Gulati	Corneal endothelial cell density and morphological changes in diabetic and non-diabetic eyes undergoing phacoemulsification	Dr Vinod Sharma	Dr Praveen Panwar Dr R L Sharma
2022	86	Dr Swati Dhiman	Relation between OCT patterns and visual acuity in patients with DME	Dr Vinod Kashyap	Dr R L Sharma Dr Praveen Panwar
2023	87	Dr Prabhleen	To study the pattern of TORCH profile in Chronic uveitis	Dr R L Sharma	Dr Kalpana Sharma
2023	88	Dr Sumit	A study on clinical outcomes of laser photocoagulation for ROP	Dr Praveen Panwar	Dr R L Sharma
2023	89	Dr Chandresh Thakur	To study the macular and peripapillary RNFL thickness changes after uncomplicated cataract surgery	Dr Vinod Sharma	Dr R L Sharma Dr Vinay Gupta
2023	90	Dr Vatika	Ocular blood flow resistive index as a bioimaging predictor of Diabetic Retinopathy	Dr Vinod Kashyap	Dr P C Negi Dr Vinay Gupta

Services provided by Dept. Of Ophthalmology IGMC Shimla

Department is providing outdoor, indoor and eyebank services. Also the department is providing services through various camps and involved in IEC activities, organised by the govt and NGO's.

No	Jan-dec	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
1	Pledge	38	89	317	87	95	78	84	258	94	15	6	1159
2	Eye collected	nill	16	20	20	22	26	95	46	40	49	6	340
3	Infection Positive	Nill	2	6	2	2	2	12	12	6	2	-	46
4	Keratoplas ty	nill	14	14	18	17	23	72	36	31	38	6	270
5	Surgical unsuitable					3	1	6	1	3	1		15

Outdoor services: OPD block is located on the 11th floor in new building (above the OPD slip counters).

The OPD block constitutes following Rooms:

- 1116- General OPD and Registrar OPD
- 1114 and 1115 Consultant OPD
- 1112- Squint Clinic and
- 1108-Glaucoma Clinic
- 1115- Uveitis Clinic
- 1121- Perimetry Room
- 1120- Registration Room 1106- FFA and fundus photograph room
- 1102- Minor OT
- 1107- Laser Procedures Room
- 1117 – Refraction Room
- 1111- Cornea Clinic
- 1122- Biometry and indirect Ophthalmoscopy room
- Seminar Room
- Patient waiting places

Various services provided at OPD level are:

- Around 20000 Patients attend eye opd per year
- Diagnostic and treatment services are provided
- Laser treatments including Nd:Yag laser capsulotomy and double frequency posterior segment laser are provided

- Fluorescent fundus angiography and fundus photography facilities are provided
- Visual field charting(perimetry) with Octopus 900 is done
- Biometry and indirect ophthalmoscopy are performed
- IOP measurements with both schiotz and Applanation tonometry are done.
- Photoslitlamp is available in cornea clinic

Various Facilities available in the Department are :

- Phacoemulsification (Under Topical Anaesthesia)
- Premium IOL/multifocal IOLS
- Small incision cataract surgery
- Glaucoma surgery
- Squint surgery
- Laser Photocoagulation
- Oculoplasty
- Ultrasound A and B scan
- Automated Keratometry
- Noncontact Tonometry
- Automated Perimetry.
- Fundusfluorescein angiography.
- Optical coherence tomography(OCT)
- Photoslitlamp Keratoplasty

Special clinics are run by the Deptment as follows-

- Cornea Clinic- Every Tuesday(2-4 PM)
- Deic Clinic : Every Wednesday
- Glaucoma Clinic- every Thursday(2-4PM)
- Retina Clinic Every Monday and Wednesday
- ROP Screening Every Tuesday at KNH
- Paediatric(Squint clinic)- Every Tuesday(9:30 to 4 PM)
- Diabetic Clinic- Every Friday(2-4PM)

Indoor services:

- Indoor bed strength is: 25 beds in male eye ward and 18 beds in female eye ward. Operation theatre services
- Eye surgeries are performed in routine and in emergency at Eye OT (no. 7)
- Around 2000 surgeries are performed ever year

Statistics of deptt of ophthalmology IGMC, Shimla 2022

Publications and CME organized by Department of Ophthalmology

Serial number	Year	Total publications	publications National	Inter-national	No of presentations	CME	Awards
1.	2017	15	6	9	5	3	
2.	2018	14	4	10	4	3	
3.	2019	10	3	7	2	5	
4.	2020	4	2	2	7	3	
5.	2021	10	3	7	3	3	
6.	2022	3	3		9	6	
7.	2023	1	1		1	3	
Total		54	22	28	31	26	

Monthly statistics of Patients Diagnosed in OPD in deptt of ophthalmology IGMC, Shimla

YEAR	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2019	2820	2663	4567	5362	5769	4933	5327	4374	5145	3993	3974	3793	52720
2020	2462	3804	2207	157	930	1746	2501	2100	1954	1905	1401	1219	22386
2021	2189	3410	3999	2677	847	2574	4031	3788	3987	3449	3979	4006	40884
2022	1939	2758	5463	4239	5346	5399	4739	4121	4885	3768	4881	5134	52672
2023	3586	4350	5488	4980	5599	5586							

Monthly statistics of OCT done in deptt of ophthalmology IGMC, Shimla

Year	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2016	252	192	177	134	290	213	175	195	253	237	249	286	2659
2017	132	164	291	307	423	293	299	298	254	256	295	286	3298
2018	297	209	256	352	475	245	334	308	297	261	334	315	3683
2019	203	202	366	445	421	320	490	320	233	323	359	381	4063
2020	212	340	242	28	105	202	325	270	239	219	143	169	2494
2021	241	363	455	66	0	154	464	394	501	405	390	410	3843
2022	207	234	474	380	411	407	401	342	421	421	441	352	4491
2023	225	328	449	297	446	500							

Monthly statistics of SPECULAR MICROSCOPY in deptt of ophthalmology IGMC, Shimla

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2018	9	8	9	9	10	11	14	11	10	12	13	14	130
2019	5	8	9	10	4	40	23	32	38	24	42	29	264
2020	5	7	3	0	2	3	9	4	7	3	5	2	50
2021	3	21	11	9	10	13	5	6	8	9	3	6	104
2022	2	3	4	2	3	4	1	2	2	1	3	3	30
2023	1	0	1	0	0	0							

Monthly statistics of NCT done in deptt of ophthalmology IGMC, Shimla

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
2016	912	924	979	951	493	-	-	-	667	606	1015	1279	7826
2017	458	814	1225	1151	1386	1116	1101	1174	1081	1188	1308	1311	13313
2018	1211	1155	1493	1277	1731	1360	1587	1282	-	450	1517	1589	14692
2019	1036	967	1517	1801	1982	1835	2212	1704	1771	1581	1901	1890	20197
2020	1315	1600	1078	112	332	741	1124	986	820	918	631	628	10285
2021	1040	1614	2297	1363	392	1363	2196	2029	2296	1703	2080	1942	20319
2022	934	1100	2671	2048	1774	1690	1628	1488	2016	1485	2383	2544	21761
2023	1176	1833	1886	1798	1985	2248							

Machine was out of order in months of JUNE, JULY, AUGUST 2016 AND SEPT 2018

Monthly statistics of Perimetry in deptt of ophthalmology IGMC, Shimla

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2016	56	46	63	59	78	43	44	40	58	39	54	46	626
2017	17	41	65	56	78	52	63	59	47	58	47	58	641
2018	39	36	58	60	75	77	58	57	55	34	45	55	667
2019	43	46	70	67	81	59	84	47	56	52	72	67	744
2020	50	55	47	02	13	31	70	51	54	50	38	33	494
2021	51	78	90	56	16	58	95	74	89	73	73	75	828
2022	31	53	96	89	82	65	71	77	58	58	85	2	769
2023	0	0	0	0	0	0							

Machine was out of order in months of DEC, JAN, to August

Monthly statistics of BIOMETRY done in deptt of ophthalmology IGMC, Shimla

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2016	102	161	203	184	225	150	159	170	102	122	232	273	2083
2017	91	157	259	199	206	159	177	42	51	210	283	273	2107
2018	257	140	286	221	305	191	181	210	172	187	273	250	2673
2019	99	154	261	325	253	200	209	181	207	182	250	299	2620
2020	143	176	128	9	51	129	184	134	93	130	51	32	1260
2021	94	251	330	134	12	98	197	67	228	179	282	251	2123
2022	83	124	309	258	251	208	149	138	221	162	332	330	2465
2023	186	191	145	75	178	187							

Monthly statistics of **ANTERIOR SEGMENT LASER** in OPD patients in ophthalmology deptt IGMC, Shimla

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Procedure	73	91	75	208	131	109	86	228	145	90	288	
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Procedure	284	321	358	324	305	331	332	366	88	53	510	

Statistics of **POSTERIOR SEGMENT LASER** in ophthalmology deptt IGMC, Shimla

MONTH	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2017	0	0	0	0	0	0	0	4	4	4	4	3	19
2018	6	0	3	3	3	4	2	1	2	3	1	7	35
2019	2	2	7	5	2	0	5	4	0	4	2	0	33
2020	0	0	0	0	5	4	6	2	3	2	1	3	26
2021	1	1	3	2	2	1	1	3	1	2	4	5	27
2022	1	1	3	3	4	3	4	3	5	4	6	1	38
2023	0	7	6	5	6	9							

MONT H	JA N	FE B	MARC H	APRI L	MA Y	JUN E	JUL Y	AUGUS T	SEP T	OC T	NO V	DE C	TOTA L
(2016) PI PCO	2	2	2	6	4	1	2	4	9	3	0	1	36
	11	25	23	17	22	27	24	17	24	25	33	21	269
(2017) PI PCO	4	0	1	9	7	6	5	7	2	6	2	4	53
	13	24	29	19	34	30	22	23	12	23	25	24	278
(2018) PI PCO	1	0	1	1	1	3	2	2	2	1	0	3	17
	19	25	36	34	34	25	17	24	29	24	23	25	315
(2019) PI PCO	3	1	3	8	2	4	7	20	17	5	6	4	80
	14	16	25	31	26	27	35	28	29	17	23	15	286
(2020) PI PCO			0	0	01	4	1	3	1	1	2	1	14
			9	01	01	12	2	7	7	2	4	3	48
2021 PI	2	5	2	1	0	0	6	6	6	0	0	0	28
PCO	3	14	16	6	2	3	2	0	0	0	0	0	46
2022 PI	0	0	6	13	14	7	11	5	6	5	4	4	
PCO	0	0	32	74	51	58	49	29	41	51	47	40	
2023 PI	5	4	3	10	21	18							
PCO	25	35	33	29	39	34							

Monthly statistics of **Refraction** in OPD patients in ophthalmology deptt IGMC, Shimla

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
2020	4260	3469	4334	4482	5403	4821	5001	5002	4982	4558	4344	4653	55309
2021	2549	3685	4630	2677	847	2574	3766	3435	4190	3560	4617	3982	40472
2022	2059	3240	5564	3413	4602	3634	4143	4226	4253	3386	4229	4394	47143
2023	3191	3736	3188	3927	4184	4390							

Monthly statistics of **minor OT PROCEDURES** done in deptt of ophthalmology IGMC, Shimla

2019	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
CHILDREN	5	1	2	6	4	6	5	9	5	6	5	3	57

Monthly statistics of **ROP Screening** done in deptt of ophthalmology IGMC, Shimla

Year2019	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Screened	14	9	34	16	27	21	23	25	23	16	22	17	243
Treated	-	-	-	-	-	1	1	2	0	1	4	1	10
YEAR 2020													
Screened			16	4	11	17	9	21	20	15	12	19	144
Treated			2	1	2	3	3	1	0	2	3	2	19
Year 2021													
Screened	12	14	15	9	10	7	8	20	32	22	18	12	179
Treated	9	4	11	2	1	1	2	5	3				
2022													
Screened	22	15	29	35	27	19	30	27	8	13	30	26	281
Treated	1	0	6	4	2	2	1	0	1	1	2	1	21
2023													
Screened	27	30	13	17	20	22							
Treated	3	0	1	2	2	1							

Pachymetry Report

YEAR	TOTAL
2018:	49
2019:	64
2020	65
2021	155
2022	112
2023	158 till June 30th

IPD Report

Year	No of admission	Day care	Bed occupancy	Weekly workload IPD	Weekly workload OPD
2019	2750			53	1014
2020	1413			27	431
2021	2420		92%	48	786
2022	2937	475		56	1038
2023					