

| Sr. No | Faculty Name | Publication in Vancouver referencing | Indexing |
|--------|---------------------|---|------------------|
| 1 | Dr. Maneesha Sethi | 1. Sethi M, Bali AS, Sadhotra P. Effect of cyclosporine 0.05% ophthalmic solution on diagnostic parameter of dry eye disease. Int J Rao Med Sci 2017 oct; 5(10): 4289-4291 | No |
| | | 2. Sethi M, Nanda R, Bali As, Sadhotra P Hospital based study of demography and clinical picture of vernal Keratoconjunctivitis Int –J Rao Med Sci. 2018 jan; 6(i): 65-68 | No |
| | | 3. Sethi M, Salthia A, Bali AS Clinical Study of cataract surgery and its complications in patients with Pseudoexfoliation syndrome Int-Journal of Med Sci 7 current research 2020; 3(4): 76-81 | Yes |
| | | 4. Slathia A, Sethi M Olopatadine 0.1% versus Cyclospriene 0.05%: a comparative study in Vernal Keratoconjunctivitis Int. journal of med Sci 7 Current research 2020;3(6): 265-271 | Yes |
| | | 5. Sodani P, Sethi M et al Hospital based Study of viral Keratitis: A cross sectional, Observational study Jk science: Acceptance Letter enclosed | |
| | | 6. Sodani P. Auto logons serum in eye disorders. JK Science Journal of Medical Education and Research 2009; Vol. 11 (3): 111-113 | |
| | | 7. Sethi Maneesha, Sodani P. Study of Refractive errors of school going children in district Kathua: JCDR 2023;17(4):NC05-NC07 | |
| 2 | Dr. Priyanka Sodani | 1. Sodani P. Auto logons serum in eye disorders. JK Science Journal of Medical Education and Research 2009; Vol. 11 (3): 111-113 | Scopus, Embase |
| | | 2. Sodani P, Saini V.K, varma P, Srivatra U, et al Study of Fundus Fluoresces Angiography: diagnostic tool in retinal & Choridal Pathogens. J.K Science. 2017; Vol16(4) 161- | Index Copernicus |

| Sr. No | Faculty Name | Publication in Vancouver referencing | Indexing |
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| | | <p>166</p> <p>3. Singh p, Sodani P, varma P, Srivastara U. Scenario of pediatric ocular injuries. J. Evolution med. Dent. Sci. 2017; 6(88): 6099-6102</p> <p>4. Nanda R, Gupta D, Sodani P Role of B- scan ultrasonography in evaluating posterior segment of the eye in the event on non visualization of fundus, Journal of Medical Science and Clinical Research. 2017; 5(07) : 25049-25053</p> <p>5. Sodani P, Manhas A, Gupta- D, Syed-tetal. A study of prevalence and association of dry eye disease with visual display terminal use in children A cross sectional observational study. J. evolution Med. Dent. Sci. 2019; 8(49): 3707-3710</p> | <p>Index Copernicus</p> <p>Index Copernicus</p> |
| | | <p>6. Sodani P, Manhas A, Manhas RS, Gupta D, at al. Prevalence of dry eye in post-menopausal women. Study from North India. Int. J. med. Sci. and Innovative research 2019; 4(5): 205-209</p> | <p>Pubmed</p> |
| | | <p>7. Sodani P, Sethi M, Kumar S, Bhagat V. Hospital based study of Viral Keratitis: A cross sectional, observational study. JK Science.2022;24(2):99-103</p> | |
| | | <p>8. Sodani P, Dogra S, Raj D, Bhagat V. A Comparative Study of Sodium Bicarbonate and Hyaluronidase on Pain Perception, Anesthesia, and Akinesia during Peribulbar Anesthesia for Cataract Surgery. Anesth Essays Res. 2022;16(1):31-35. doi:10.4103/aer.aer_128_21</p> | |
| | | <p>9. Sawhney N,Sodani P, Kohli A, Bhagat V,Raj D.Conjunctival swab positivity for SARS-Cov-2 Viral Nucleic Acid in Nasopharyngeal Swab rRT-PCR</p> | |

| Sr. No | Faculty Name | Publication in Vancouver referencing | Indexing |
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| | | Confirmed COVID-19 cases in a Tertiary Care Hospital. East African Scholars J Med Sci.2022;5(12):330-334 | |
| | | 10. Sethi Maneesha, Sodani P. Study of Refractive errors of school going children in district Kathua: JCDR 2023;17(4):NC05-NC07 | |
| | Dr. Anuradha Bharti | 1. Sofi IA, Bharti AR, Gupta SK, et al. Visual outcome and post – operative complications of traumatic cataract. J. Evolution Med. Dent. Sci. 2016; 5{38} :2310 | |
| | | 2. Sharma P, Bahrti AR, Mahajan S. Pattern and visual outcomes of ocular fire-cracker injuries during Diwali festival in a tertiary care Hospital in North India. Int J of Health and Cli Res. 2022; 5[2] :108-111 | |
| | | 3. Sofi IA, Gupta SK, Bharti AR, et al. Efficiency of the oclussin therapy with and without levodopa-carbidopa in amblyopic children – A tertiary care centre experience. Int J Health Sci (Qassim). 2016 Apr; 10920:249-257 | |
| | | 4. Bharti AR, Sharma P, Mahajan S, et al. A prospective study of clinical profile and Morbidity of ocular Trauma in a Tertiary Care Hospital. WIMJ, volume No.7, Issue No. 2, 2020. | |
| | | 5. Sharma P, Raina B, Bharti AR, knowledge, attitude and practice of diabetic retinopathy amongst diabetic patients in a tertiary care hospital of Jammu. Int J Res Med Sci. 2020 Mar; 836-840. | |
| | | 6. Bharti AR, Sharma P, Mahajan S, et al. Clinical outcomes of Management of Traumatic Cataract in a Tertiary Care Centre. J Perspfectics in Medical Research May-Aug 2020; vol 8, Issue 2 | |
| | | 7. Choudhary U, Bharti Ar, Choudhary R. | |

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| | | Pervallence of Refractive errors in Pre-School children (3-5 years) in an urban population. Global J for Res Analysis, Vol 9, Issue 10, Oct 2020; 2277-8160 | |

| S.No | Name of Doctor | Name of Compentency | Teaching Method(LECTURE/SGD) | No. of Lectures |
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| | | 8. Bhagat V, Bharti AR, Sharma P et al. Demographic and Clinical Profile of Presphobia in a Tertiary Care Centre. Int J Health and Cli Res, 2022;5(2):212-15 | |
| | | 9. Bhagat V, Bharti AR, Gupta D. Comparison of Post operative Cornal Astigmatism following frown nerves chaevron incision in manual Small Incission Cataract Surgery. Int J of applied Res. Vol. No.2 2020; 2249-555 | |

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| | | <p>OP 8.1- Discuss the aetiology,pathology, clinical features and management of the retina.</p> <p>OP 8.1 – Discuss the aetiology, pathology , clinical features and management of vascular occlusions of the retina.</p> <p>OP 8.3 – Demonstrate the correct technique of fundus examination and describe and distinguish the fundoscopic features in a normal conditions and in conditions causing a abnormal retinal exam.</p> <p>OP 8.4 – Enumerate and discuss treatment modalities in management of diseases of the retina.</p> <p><u>Diseases of Orbit</u></p> <p>OP 2.6 – Enumerate the causes and describe the differentiating features and clinical features and management of Proptosis.</p> <p>OP 2.7 – Classify the various types of orbital tumours. Differentiate the symptoms and signs of the presentation of various types of ocular tumors.</p> <p>OP 2.8 – List the investigations helpful in diagnosis of orbital tumors. Enumerate the indications for appropriate referral.</p> <p><u>Community Ophthalmology</u></p> <p>Blindness magnitude, causes and prevention.</p> | <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> | <p>08</p> <p>05</p> |
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| 2. | Dr. Priyanka | <p align="center"><u>Optics and Refraction</u></p> <p>Py10.17- Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, Refractive errors, colour blindness, physiology of pupil and light reflex.</p> <p>OP 1.2- Define, classify and describe the types and methods of correcting refractive errors.</p> <p>OP 1.4- Enumerate the indications and describe the principles of refractive surgery.</p> <p><u>Diseases of cornea and sclera.</u></p> <p>OP4.1-Enumerate, describe and discuss the types and causes of corneal ulceration.</p> <p>OP 4.2 – Enumerate and discuss the differential diagnosis of infective keratitis.</p> <p>OP 4.3 – Enumerate the causes of corneal edema.</p> <p>OP 4.6 – Enumerate the indications and the types of keratoplasty.</p> <p><u>Diseases of Uveal Tissue</u></p> <p>OP 6.1 – Describe clinical signs of intraocular inflammation and enumerate the features that distinguish granulomatous from non-granulomatous condition.</p> <p>OP 6.2 – Identify and distinguish acute iridocyclitis from chronic iridocyclitis</p> | SGD/ LECTURE | 06 |
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| | | <p>OP 6.3 – Enumerate systemic conditions that can present as iridocyclitis and describe their ocular manifestations.</p> <p>OP 6.8 – Enumerate and choose the appropriate investigation for patient with conditions affecting the</p> <p>OP 6.9 – Local and systemic therapy of oveal conditions.</p> <p><u>Diseases of Ocular Motility and Nystagmus</u></p> <p>OP 9.2 – Classify , enumerate the types , methods of diagnosis and indications for referral in a patient with heterotropia/strabismus</p> <p>OP 1.5 – Define, enumerate the types and the mechanism by which strabismus leads to ambtyopia</p> <p>AN 31.5 – Explain the anatomical basis of oculomotor trochlear and abducent nerve palsies along with strabismus.</p> <p><u>Anatomy and Physiology of Eye & Vision</u></p> <p>AN 41.1 – Describe and demonstrate parts and layers of eyeball</p> <p>AN 41.2 Describe the anatomical aspects of artery occlusion, cataract glaucoma.</p> <p>AN 41.3 – Describ the position , nerve supply and actions of intraocular muscles.</p> | <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> | <p>06</p> <p>05</p> |
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| | | <p>AN 31.3 – Describe anatomical basis of Horner’s syndrome</p> <p>OP 1.1 – Describe the physiology of vision (including brief discussion on anatomy of eye)</p> <p>Py 10.17 – Describe and discuss functional anatomy of eye , physiology of image formation , physiology of vision including colour vision, refractive errors , colour blindness , physiology of pupil and light reflex.</p> <p style="text-align: center;"><u>NEURO-OPHTHALMOLOGY & OCULAR INVOLVEMENT IN SYSTEMIC DISEASES</u></p> <p>Py 10.18 Describe and discuss the physiological basis of lesion in visual pathway.</p> <p>AN 30.5 – Explain effect of pituitary tumours on visual pathway.</p> <p>PY 10.19 – Describe and discuss auditory & visual evoke potentials.</p> | <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> | <p>03</p> <p>02</p> |
| 3. | Dr. Anuradha | <p><u>Diseases of crystalline Lens</u></p> <p>AN 41.2 – Describe the anatomical aspects of cataract glaucoma & central retinal artery occlusion</p> <p>OP 7.1 – Describe the surgical anatomy and the metabolism of the lens.</p> <p>OP 7.2 – Describe and discuss the aetio-pathogenesis, stages of maturation and complications of cataract.</p> <p>OP 7.4 – Enumerate the types of cataract surgery and describe the</p> | <p>SGD/LECTURE</p> | <p>04</p> |

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| | | <p>steps, intra – operative and post-operative complications of extracapsular cataract extraction surgery.</p> <p><u>Ocular Therapeutics</u></p> <p>Different routes of instillation of drugs local anaesthetics</p> <p>Types of local anaesthesia</p> <p>VED, steroids & dyes in Ophthalmology</p> <p>Mydriatics and cyclopegics, antimitotic and antimetabolites</p> <p><u>Diseases of the lacrimal apparatus</u></p> <p>OP 2.3 – Demonstrate under supervision, clinical procedures performed in the lid including bells.</p> <p>OP 5.1 – Describe enumerate and describe the aetiology associated systemic conditions , clinical features , complication s, indication sfro referral and management of episcleritis.</p> <p>OP 5.2 - Describe enumerate and describe the aetiology associated systemic conditions , clinical features , complication s, indication sfro referral and management of scleritis.</p> <p><u>OCULAR INJURIES</u></p> <p>OP 6.4 – Describe and distinguish hypHEMA and hgypopyon.</p> <p><u>NEURO-OPHTHALMOLOGY</u></p> <p>OP 8.5 – Describe and discuss the correlative</p> | <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> <p>SGD/LECTURE</p> | <p>02</p> <p>05</p> <p>05</p> <p>04</p> |
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| | | <p>anatomy, aetiology , clinical manifestations , diagnostic tests , imaging and management of diseases of the optic nerve and visual pathway.</p> <p>OP 9.3 – Describe the role of refractive error correction in a patient with headache and enumerate the indications for referral.</p> <p>AN 31.3 – Describe anatomical basis of Horner’s syndrome</p> | | |
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