

## AIOS SCIENTIFIC COMMITTEE

### AIOS- ARMED FORCES OPHTHALMOLOGY UPDATE- 2025

21& 22 June 2025 (0900 h – 1730 h)

Venue: Army Hospital (R & R), Subhroto Park, New Delhi

#### **Session 1: Squint, Oculoplasty and Pediatric Ophthalmology**

**0900 h – 1010h**

**Panelists: Brig SK Mishra PVSM AVSM SM\*\* VSM\*\*, Dr Santosh G Honavar, Dr Rohit Saxena, Lt Col Sonali V Kumar**

Ser no	Time	Topic	Speaker
1.	0900-0908	Recent updates on ROP: screening and treatment	Lt Col Meenu Dangi
2.	0908-0916	Surgical results and outcome variables in infantile exotropia	Lt Col Deepesh Unni
3.	0916-0924	Inflammatory myofibroblastic tumour manifesting as a lateral conjunctival mass with intra orbital extension: an unusual presentation	Lt Col Sonali V Kumar
4.	0924-0936	<b>Keynote address: Advances in Neuro-ophthalmic imaging</b>	<b>Dr Rohit Saxena</b>
5.	0936-0948	<b>Keynote address: Oncological principles optimise the outcomes in orbital tumours</b>	<b>Dr Santosh G Honavar</b>
6.	0948-1000	Pure refractive EDOF IOL and its transformative clinical impact	Brig SK Mishra PVSM, AVSM, SM**, VSM**
7.	1000-1010	Felicitation of speakers	

**GUEST ORATION: 1010h-1030h**

**TOPIC: Innovations in Ophthalmic Education and Research: shaping the future**

**SPEAKER: Prof Radhika Tandon**

**Tea Break: 1030 h – 1100h**

#### **Session 2: Glaucoma and Cornea**

**1100h-1230h**

**Panelists: Dr Ramanjit Sihota, Dr Namrata Sharma, Dr Pranita Sahay, Dr Manisha Rathi**

Ser no	Time	Topic	Speaker
1	1100-1112	<b>Keynote address: Advances in keratoplasty</b>	<b>Dr Namrata Sharma</b>
2	1112-1124	<b>Keynote address: Endothelial Keratoplasty</b>	<b>Dr Pranita Sahay</b>
3	1124-1132	Flanges for rescue. Going the canabrava way	Lt Col P K Chaturvedi
4	1132-1140	Video based management of a case of traumatic cataract	Col Bhupesh Bhatkoti
5	1140-1148	Innovative technique of SUTURE GATT( Gonioscopy assisted transluminal trabeculotomy): An effective way of MIGS in glaucoma patient	Lt Col Meenakshi Pathania
6	1148-1156	Trabecular micro bypass: future of glaucoma management	Maj Amrita Joshi

7	1156-1208	<b>Keynote address: A comprehensive understanding of maximal medical therapy</b>	<b>Dr Ramanjit Sihota</b>
8	1208-1220	<b>Glaucoma progression and role of early step up</b>	<b>Dr Suneeta Dubey</b>
9	1220-1225	Felicitations of speakers	

### Session 3: The changing Anti- VEGF landscape: Choice Dilemma

1230h-1330h

**Moderator: Dr Lalit Verma**

**Panelists: Dr Sribhargava Natesh**

Ser no	Time	Topic	Speaker
1.	1230-1238	New generation anti in PCB, my experience	Dr Ruchir Tewari
2.	1238-1246	Re-imaging, Drying, Durability in nAMD	Dr Vikram Koundanya
3.	1246-1254	New paradigms of DME management – transforming clinical practice	Dr Sabyasachi Sengupta
4.	1254-1302	Original Ranibizumab: The GOLD standard anti-VEGF	Dr Gagan Bhatia
5.	1302-1330	<b>Panel Discussion: Choice dilemma with Anti-VEGF use in India – Learning from the experts</b>	<b>Dr Lalit Verma (Moderator)</b> Dr Ruchir Tewari Dr Sabyasachi Sengupta Dr Sribhargava Natesh

**Running Lunch :1300h– 1530h at Ayuraahar**

### Session 4: Refractive Surgeries

1330–1545h

**Panelists: Dr JS Titiyal, Maj Gen JKS Parihar SM, VSM\*\*, Brig SK Mishra PVSM, AVSM, SM\*\*, VSM\*\*, Dr Rajesh Sinha, Dr Sudharshan Khokar**

Ser no	Time	Topic	Speaker
1.	1330-1342	<b>Keynote address: Role of Moxifloxacin in Preoperative Sterilization</b>	<b>Dr JS Titiyal</b>
2.	1342-1354	<b>Keynote address: Cataract as refractive surgery</b>	<b>Maj Gen JKS Parihar SM, VSM**</b>
3.	1354-1406	<b>Post-injection cataracts in ROP babies</b>	<b>Dr Sudharshan Khokhar</b>
4.	1406-1418	<b>Keynote address: Flips &amp; Turns in Phakic IOLs: Way Forward</b>	<b>Dr Rajesh Sinha</b>
5.	1418-1426	Visionary advances: a spectrum of refractive lenticule options	Lt Col Supriya Dhar
6.	1426-1434	Keratorefractive surgeries: Current perspectives in Armed forces	Surg Capt Srujana D
7.	1434-1442	Sirius made simple	Col Nidhi Kalra
8.	1442-1450	3-D Microscope: From Retinal to refractive surgery to MIGS	Brig SK Mishra PVSM, AVSM, SM**, VSM**
9.	1450-1458	Comparing Toric intraocular lens alignment: intra operative image guided system versus manual marking in cataract surgery, A RCT	Col Santosh Kumar
10.	1458-1510	Felicitations of speakers	

**Session 5: Legal issues in Medical Practice: “Current Perspective”**

Ser No	TIME	SPEAKER
1	1515-1545	Dr Naresh Chawla, Vice president, Delhi Medical Council

Tea: 1545h-1605h

**Session 6: Retina for all  
1605h-1735h**

Panelists: Dr Vinod Agarwal, Col Raji K, Col Vikas Ambiya, Dr Alkesh

Ser no	Time	Topic	Speaker
1	1605-1613	Enhancing macular hole surgery with intra-operative optical coherence tomography: A precision-based approach	Gp Capt Avadhesh Oli
2	1613-1621	CSCR: Five-year experiences with Eplerenone	Col Pradeep Kumar
3	<b>1621-1633</b>	<b>I see subretinal fluid on OCT: What do I do next</b>	<b>Dr Vinod Agarwal</b>
4	1633-1641	Glued IOL technique versus endolaser – assisted flange creation with intrascleral haptic fixation in SFIOL implantation with dislocated lens/IOLs	Col Vikas Ambiya
5	1641-1649	What do I see in Ultrawide field fundus imaging? Is it to be given importance?	Col Raji K
6	<b>1650-1702</b>	<b>DME with Planned cataract</b>	<b>Dr Rajeev Jain</b>
7	1703-1711	Incorporating ERG into Retinal practice	Dr Neha Goel
8	1712-1719	Posterior Zone II ROP: LIO vs Anti-VEGF	Lt Col Ashutosh Gupta
9	<b>1719-1730</b>	Felicitations of Speakers	

**Gala Dinner: 1930h onwards**

## DAY 2

**22 June 2025: 0730h-1445h**

**Running Breakfast: 0715-0815h**

### **SESSION 7: Residents competitive presentations**

**0730h-0810h**

**Panelists: Surg Capt Srujana D, Lt Col Piyush Chaturvedi, Lt Col Deepesh Unni, Lt Col Ginu PM**

<b>Ser no</b>	<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
1.	0730-0734	Pigmented paravenous retinochoroidal Atrophy (PPRCA) with full thickness macular hole: A rare presentation	Dr. Jaspreet Singh Makkar
2.	0734-0738	Circle to the rescue: post SMILE epithelial ingrowth	Dr Ashok Kumar
3.	0738-0742	Comparing the effect of intravitreal Inj ranibizumab vs Inj aflibercept in ROP	Dr Navjyot Kaur
4.	0742-0746	Oculoplasty "Dealing a devil and the art of reconstruction in BCC"	Dr Shubhendra
5.	0746-0750	Senior loken syndrome: a case report	Dr Nikunj Garg
6.	0750-0754	A silent Intruder: Infective retinochoroiditis in a young patient	Sqn Ldr Shailaza Tripathi
7.	0754-0758	Effect of intravitreal injection brolocizumab in patients of CSCR with no ACNVM	Dr Harmanpreet Kaur
8.	0758-0802	Serpiginous like Choroiditis in immunocompromised patient	Dr Manu Choudhary
9.	0802-0810	Felicitations of speakers	

### **Session 8: Innovations and Video based presentations**

**0815-0925h**

**Panelists: Brig Poninder Kumar, Col S Bandhopadhyay, Col Vivek Sharma, Col BV Rao**

<b>Ser no</b>	<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
1.	0815-0820	Scleral graft for PUK in Behcet's Disease	Lt Col Shailesh Mogra
2.	0820-0825	Ophthalmic manifestations of Neuromyelitis Optica spectrum disorder: Tip of the iceberg	Sqn Ldr Ankur Upadhyay
3.	0825-0830	IOFB: stupendous journey of a youngster from CF at 1 meter to 6/6"	Lt Col Atul Bhirud
4.	0830-0835	A novel surgical technique and an innovative cost-effective implant for canalicular stenting for post traumatic repair	Wg Cdr Vikas Sharma
5.	0835-0840	SFIOL mastery: Innovating beyond conventional fixation	Lt Col Ashutosh Gupta

6.	0840-0845	Amblyopia- its treatable now!!	Lt Col Ashutosh Gupta
7.	0845-0850	Efficacy and safety of a novel anaesthesia technique for phacoemulsification surgery: adrenaline augmented subconjunctival anaesthesia: A RCT	Col S Bandopadhyay
8.	0850-0858	Mortality in Cataract surgery	Col Vivek Sharma
9.	0858-0904	Small Pupil Cataract Surgery	Col BV Rao
10.	0904-0912	Innovations in corneal surgeries	Col Vijay sharma
11	0912-0920	Managing DME with Intravitreal Triamcinolone and aggressive PRP	Brig Poninder Kumar
12	0920-0925	Felicitation of speakers	

### SESSION 9: UNIQUE CASES ANTERIOR SEGMENT

0930-1050h

Panelists: Brig Gaurav Kapoor, Col Vijay Sharma, Col Bhupesh Bhatkoti, Lt Col Meenu Dangi, Lt Col Meenakshi Pathania

Ser no	Time	Topic	Speaker
1.	0930-0934	Bilateral acute corneal hydrops in keratoconus with Down Syndrome	Maj Rahul
2.	0934-0938	Microscope integrated OCT guided precise limbal stem cell transplant for graft host junction modulation in penetrating keratoplasty corneal haze	Maj Srishti Khullar
3.	0938-0942	Challenges of Cataract surgery in Fuchs Uveitis	Surg Cdr Sanjeev Medhi
4.	0942-0946	Orbital inflammatory disease: diagnostic dilemmas	Surg Cdr Archana Singh
5.	0946-0950	A case of solitary ocular cysticercosis	Lt Col Mariam Mathew
6.	0950-0954	External Ophthalmomyiasis due to Oestrous ovis - a rare case series	Lt Col Anuradha Singh
7.	0954-0958	Congenital ocular motor apraxia (COMA)	Lt Col Tanmoy Mohapatra
8.	0958-1002	Bilateral sequential vision loss: Rheumatological or Neurological	Surg Cdr YVK Chaitanya
9.	1002-1006	The disappearing angle: plateau iris syndrome revealed post-phacoemulsification	Lt Col Sumit Goyal
10.	1006-1010	A dilemma of shallow anterior chamber	Lt Col Shabnam Bhalla
11.	1010-1014	Mycotic Keratitis with complications: a case series highlighting the importance of early intervention	Lt Col Amit Arora
12.	1014-1018	Eyelashes in conjunctiva: rare presentation of conjunctival dermoid	Wg Cdr Robin Malik

13.	1018-1022	From steroids to coils: a diagnostic detour in a case of unilateral proptosis	Lt Col Mohini Agarwal
14.	1022-1026	SFIOL: My experiences with limited resources	Lt Col Rajat Choudhary
15.	1026-1030	Goldenhar Syndrome with ocular involvement and challenges faced in management	Lt Col Aman Tyagi
16.	1030-1034	A Rare case of extra-ocular myiasis	Lt Col Ranjiv Menon
17.	1034-1038	Delleman- Oorthus syndrome-A case report of an atypical variant	Lt Col Ankita Singh
18.	1038-1050	Felicitation of speakers	

**Tea Break: 1050h-1120h**

**SESSION 10: UNIQUE CASES POSTERIOR SEGMENT**

**1120h-1155h**

**Panelists: Dr Maj Arun Baweja, Col Raji K, Lt Col Abhijeet Awasthi, Lt Col Priya Taank, Lt Col Ashutosh Gupta,**

Ser no	Time	Topic	Speaker
1	1120-1124	Takayasu retinopathy as the initial presentation of Takayasu arteritis	Lt Col Kunal Subhash Dhole
2	1124-1128	A case of herpes zoster optic neuritis: a rare complication	Lt Col Priya Taank
3	1128-1132	Ocular diagnosis of endogenous endophthalmitis	Lt Col Gaurav Verma
4	1132-1136	Approach to a case of granulomatous uveitis: Playing Sherlock Holmes	Lt Col Sumedha Vats
5	1136-1140	Bilateral CSCR with exudative RD	Lt Col Anju Pannu
6	1140-1144	AI FOR EYE	Maj Jyoti Sheoran
7	1144-1155	Felicitation of speakers	

**Session 11: Legal issues in Medical Practice: "Current Perspective"**

Ser No	TIME	SPEAKER
1	1200-1230	Lt Col Supriya Dhar

**Session 12: QUIZ for all: 1230 – 1300 h**

**Judges: Col Vijay Sharma  
Col Raji K**

Quiz masters: Wg Cdr Vikas Sharma  
Lt Col Anuradha Singh

**Session 13: Newer Advances**

**Panelists: Brig Sanjay Kumar Mishra PVSM, AVSM, SM\*\*, VSM\*\*, Brig Gaurav Kapoor, Col Ranjeet Goenka, Wg Cdr AK Singh**

**1300h-1400h**

<b>Ser no</b>	<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>1</b>	1300-1308	One-time Low Concentration, 1% Povidone Iodine wash: an innovation to hasten recovery in acute and recalcitrant viral conjunctivitis	Lt Col Sumedha Vats
<b>2</b>	1308-1316	Smartphone: as a video recorder device	Wg Cdr A K Singh
<b>3</b>	1316-1324	Management open globe injuries	Lt Col Rishi Sharma
<b>4</b>	1324-1332	Diagnostic dilemma: An unusual presentation of a common disease	Col Simple Gupta
<b>5</b>	1332-1340	Revolutionising nuclear management in Phacoemulsification: A comparative analysis of Sickle chop technique versus traditional direct chopping technique	Brig Gaurav Kapoor
<b>6</b>	1340-1348	Multifocal in Unilateral cataract	Col Ranjeet Goenka
<b>7</b>	1348-1355	Felicitation of speakers	

**Closing address by Brig Sanjay Kumar Mishra PVSM, AVSM, SM\*\*, VSM \*\*: 1400h-1430h**

**Lunch at AHRR Mess :1430 onwards**

**#Concurrent simultaneous surgical trg capsules**

- 1. CATARACT surgery simulator : Lt Col Abhijeet Awasthi**
- 2. VITREORETINAL surgery simulator : Lt Col Ashutosh Gupta**
- 3. ICL Implantation wet lab : Lt Col Supriya Dhar**
- 4. I-stent implantation wet lab : Col Sandeepan Bandopadhyay**
- 5. KDB Glide MIGS wet lab : Maj Amrita Joshi**
- 6. Ozurdex implantation technique : Wg Cdr Vikas Sharma**

## E-posters

Ser no	TOPIC	SPEAKER
1.	PER with Mini SLET: Have reached zero recurrence?	Col Alok Sati
2.	Redefining vision and quality of life: insights under RPwD Act,2016"	Col Nitin Vichare
3.	Acute comitant esotropia: an entity worth knowing	Col Sanjay Dhar
4.	Scleral tunnel incision based manual ECCE	Lt Col Narendra Keisham
5.	Adherent Leucoma with mature cataract	Surg Cdr Anita Mani
6.	Evaluation of RNFL thickness and vessel density measured by OCTA in glaucoma	Surg Cdr Roopali Y Bhirud
7.	A rare case of orbital compartment syndrome due to hypersensitivity to hyaluronidase	Surg Cdr Ianka Sriharsha
8.	Retinal arterio-venous malformations	Wg Cdr Neha Chauhan
9.	When the cure becomes the cause: drug induced acute angle closure glaucoma	Surg Cdr Muthu Kamal VKB
10.	A case of bilateral dislocated crystalline lens	Lt Col Rupali Sharma
11.	To study the efficacy of autologous platelet rich plasma injections (PRPi) in treatment of dry eyes	Maj Anchal Tripathi
12.	Intermittent exotropia: From predictable procedure to postoperative puzzle	Maj Rolli Khurana
13.	Changes in subfoveal choroidal thickness in DR and in various grades of DR in comparison with age matched healthy subjects	Maj Shivakumara Gunjal
14.	Axis accuracy: evaluating toric IOL designs with and without CTR	Surg Lt Cdr Vikas Adikenavar
15.	Acute effect of hyperbaric oxygen therapy on corneal structure and endothelial cell morphology	Surg Lt Cdr Swathi KP
16.	Comparison of macular choroidal thickness in patients with pseudoexfoliative syndrome to healthy subjects ED-SD OCT imaging	Sqn Ldr Ananya Chatterjee
17.	Chemical eye injuries: A three-year retrospective review of acute presentations and clinical outcomes at high altitude	Maj Shruti M
18.	Mumps associated Retinitis	Maj Abhishek Tripathi
19.	A cross-sectional study on evaluation of foveal avascular zone in diabetic patients and its correlation with biochemical parameters	Capt Anushree C M