



AIOS ARC – SURGICAL INNOVATORS CORNER

Date: 13th May 2023, Saturday | Time: 08:00 – 10:25 & 12:00 – 16:00

Hall: Ruby

(The Session: 01)

Session Duration: 08.00 – 09.10 am

This is a session for our young minds in ophthalmology inspiring them to think beyond the clinical scenario of our day to day practice in ophthalmology. The session will be conducted in two parts, the prelims and the finals.

Chairman : Dr. Somsheila Murthy
Co-Chairman : Dr. Aditya Kelkar
Convenor : Dr. Bharti Kashyap
Moderator : Dr. Chitra Ramamurthy
Dr. Anagha Heroor,
Dr. Shrinivas M. Joshi

Panelists:

Dr. Satyajit Sinha, Dr. Harshul Tak, Dr. Rohit Saxena

Judges:

Dr. Arshad Siddiqui, Dr. Shakeen Singh, Dr. Inder M. Rustagi, Dr. Anand Saxena,
Dr. Amit Shah, Dr. Sabyasachi Pattanayak, Dr. Madhukar Reddy, Dr. Sandeep Saxena Dr.
Umang Mathur, Dr. Kamaljeet Singh, Dr. Parikh Rajul S

Each Presentation: 04 Minutes + 01 Minutes Discussion

S. No	Speaker	Topic
1	DR. NEERAJ ISRANI	STORM: Slit lamp assisted TORic Marker (A novel innovation)
2	DR. BIJNYA BIRAJITA PANDA	BST glide"- a DCR surgeon's delight."
3	DR. ARVIND KUMAR MORYA	Disposable Sewing Needle Microcapsulotome - A new&novel Technique to prevent Argentinian Flag Sign .
4	Dr. ALOK SATI	PERMISLET: An innovative technique
5	DR. SAYANTAN GHOSH	Corneal Modelling - Way to practice refractive surgeries



6	DR. SHAFEENA P	EYESPIRATOR-JUST PUSH A novel push technique aspiration tool
7	DR. ATHUL S PUTHALATH	3-D printed LAG (Lens Attachment Guard) - a novel protection system for lenses used in ophthalmology
8	DR. ATHUL S PUTHALATH	Intraocular diathermy instrument (IDI) – a challenge overcome in Vitreo-retinal surgery
9	Dr. ATUL SINGH	SHIELD YOUR SLIT-LAMP WITH A FACE SHIELD!
10	Dr. SHRUTI DHEEP	LUMINO Sun Dial: A device to prevent myopia progression
11	Dr. TANIA RAY (BHADRA)	Prolene Suture Assisted Modified Trabeculectomy in Neovascular Glaucoma : A Novel approach

- Participants will be allowed to compete in the Session round on (Date), - AIOC 2023.
- Each participant will have 04 minutes each to present their innovation to the judge's panel (04 minutes presentation + 02 minutes discussion)
- Among these participants, the top 3 from each of the prelim session would be selected to participate in the finals. These 12 participants would then compete against each other in the finals. The same presentation would have to be presented in the finals.

The Final is on 13th May 2023
14.45 – 16.00 PM in Hall Ruby



AIOS ARC – SURGICAL INNOVATORS CORNER (The Session: 02)

Session Duration: 09.15 – 10.25 am

This is a session for our young minds in ophthalmology inspiring them to think beyond the clinical scenario of our day to day practice in ophthalmology. The session will be conducted in two parts, the prelims and the finals.

Chairman : Dr. Harsha Bhattacharya
Co-Chairman : Dr. Rajendra Prasad
Convenor : Dr. Urmil Chawla
Moderator : Dr. Chitra Ramamurthy
Dr. Harshul Tak, Dr. Satyajit Sinha

Panelists:

Dr. Shrinivas M. Joshi, Dr. Anagha Heroor, Dr. Rohit Saxena

Judges:

Dr. Rajendra Prasad, Dr. R. K. Bansal, Dr. Rana Jagdish Rasiklal, Dr. Gadre S. Hari,
Dr. Sudhank Bharti, Dr. Anurag Mishra, Dr. Chandrashekhar Wavikar,
Dr. Mayuri Khamar, Dr. Sanjay Chaudhary, Dr. Bhavna, Dr. Gs Dhami,
Dr. Suresh Kumar, Dr. Tony Fernandez

Each Presentation: 04 Minutes + 01 Minutes Discussion

S. No	Speaker	Topic
1	DR. ARVIND KUMAR MORYA	Terminal Chop - A novel technique for Hard - Nucleus fragmentation
2	Dr. ALOK SATI	Sutureless Femtosecond laser-assisted DALK: An innovative technique.
3	DR. HIRIKA GOSALIA	EFFICACY OF I-VERTER COMPARED TO INDEX FINGER FOR UPPER EYELID EVERSION
4	DR. PRASANNA VENKATESH RAMESH	Customizing 3D printing technology for Ophthalmic Surgical Training
5	Dr. ANKIT AGRAWAL	LOW COST WIDE FIELD OCT
6	Dr. JITENDRA NENUMAL JETHANI	Prism Holding Device



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7	Dr. prasanth gireesh	Screen Cam
8	Dr. Prateek Nishant	Vectoral-analysis of iris photographs for assessment of ocular torsion in cyclovertical strabismus
9	Dr. SANJAY CHAUDHARY	Bandage Contact Lens Scaffold for management of PCR with residual nucleus
10	DR. JOHN SARKAR	Outcome of Modified HPMC CXL in Thin Cornea (<400micron)
11	Dr. NARENDRA SINGH VERMA	EASYTOR A easy & complete toric solution

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AIOS ARC – SURGICAL INNOVATORS CORNER **(The Session: 03)**

Session Duration: 12.00 – 13.10 pm

This is a session for our young minds in ophthalmology inspiring them to think beyond the clinical scenario of our day to day practice in ophthalmology. The session will be conducted in two parts, the prelims and the finals.

Chairman : Dr. Gopal S. Pillai
Co-Chairman : Dr. BNR Subuddhi
Convenor : Dr. Himanthi Choudhary
Moderator : Dr. Chitra Ramamurthy
Dr. Rohit Saxena, Dr. Tamilarasi
Dr. Pooja Sinha

Panelists:

Dr. Shrinivas M. Joshi, Dr. Satyajit Sinha, Dr. Anagha Heroor

Judges:

Dr. Virendra Agrawal, Dr. Urmil Chawla, Dr. Ashok Kumar Nanda,
Dr. Sugato Paul, Dr. Aniruddha Maiti, Dr. Ratish Chandra Paul,
Dr. Kasturi Bhattacharjee, Dr. Arun Kshetrapal, Dr. Sandeep Nagvekar,
Dr. Ajay Sharma, Dr. Mahesh Gopalakrishnan, Dr. Arun Kumar Jain

Each Presentation: 04 Minutes + 01 Minutes Discussion

S. No	Speaker	Topic
1	DR. HIRIKA GOSALIA	MAGNIFIX: AN INNOVATIVE DIY TARGET FIXATOR
2	Dr. JITENDRA NENUMAL JETHANI	MOSAD: a new device to calculate near work and indoor time spent
3	DR. JOHN DAVIS AKKARA	Designing and making an innovative 3D printed Glaucoma Drainage Device
4	DR. PRASANNA VENKATESH RAMESH	A 3D Innovative, Cost-Effective, Self Built, Portable & Patented Holographic Surgical Simulator
5	Dr. DHAIVAT SHAH	MAX-NIT SFIOL: Accurate, adaptable, and affordable!
6	DR. MEHUL SHAH	Scleral Tuck Lens: Simple and Cost-Effective Solution for Aphakia without Capsular Support



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7	Dr. SANTOSH KUMAR	Cover Slip Scrape Cytology (CSSC): A Novel substitute for Impression cytology in cases of OSSN
8	DR. VIVEKANANDAN V R	Managing ID repair, CTS and SFIOL the simple flanged way.
9	DR. NEERAJ ISRANI	SPECU-DRAPE : A NOVEL LID SPECULUM AND EYE DRAPE COMBINED
10	Dr.ASHISH BACCHAV	Simulation based Training for SICS: An overview
11	Dr. HRIDYA MOHAN	Cystotome phaco chop!

- Participants will be allowed to compete in the Prelims round on (Date) - AIOC 2023.
- Each participant will have 04 minutes each to present their innovation to the judge's panel (04 minutes presentation + 02 minutes discussion)
- Among these participants, the top 3 from each of the prelim session would be selected to participate in the finals. These 12 participants would then compete against each other in the finals. The same presentation would have to be presented in the finals.

The Final is on 13th May 2023
14.45 – 16.00 PM in Hall Ruby



AIOS ARC – SURGICAL INNOVATORS CORNER (The Session: 04)

Session Duration: 13.15 – 14.15 pm

This is a session for our young minds in ophthalmology inspiring them to think beyond the clinical scenario of our day to day practice in ophthalmology. The session will be conducted in two parts, the prelims and the finals.

Chairman : Dr. Virendra Agarwal
Co-Chairman : Dr. Arun Kshetrapal
Convenor : Dr. Anil Radhakrishnan
Moderator : Dr. Chitra Ramamurthy
Dr. Shrinivas M. Joshi
Dr. Deepthi Joshi, Dr. Muralidhar R

Panelists:

Dr. Satyajit Sinha, Dr. Harshul Tak, Dr. Anagha Heroor, Dr. Rohit Saxena

Judges:

Dr. Santosh Shankar Bhide, Dr. Suneeta Dubey, Dr. Jai Aditya Kelkar,
Dr. Swapna Nair, Dr. Mathew Kurian, Dr. Nanda Kishore, Dr. Madhukar Reddy,
Dr. C. V. Gopala Raju, Dr. Jignesh Bhaichand Taswala, Dr. Nadella Vishnu Vardhan
Dr. Tadanki Ramkrishna, Dr. Madhavi Rao, Dr. Rajiv Sukumaran

Each Presentation: 04 Minutes + 01 Minutes Discussion

S. No	Speaker	Topic
1	DR. JOHN DAVIS AKKARA	Practicing Surgeries at home - Kitchen Ophthalmic Surgeon
2	DR. VIKAS VEERWAL	DASP delineation technique with novel release sign for correct plane identification in SMILE surgery
3	Dr. HRIDYA MOHAN	Slow Swirl Phaco!
4	DR. MEHUL SHAH	A NOVEL MODIFICATION DURING TRABECULECTOMY TO IMPROVE OUTCOME
5	DR. SWAPNIL KOTHARI	Precision Toric - a new, cost effective, intraoperative, real time toric guidance system
6	Dr. APURVA NAGTODE	Innovative Bladeless Pterygium Surgery: A Non-Traumatic Approach!



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7	Dr. RAVI KULKARNI	Fiber or plaque... Safe removal... Innovative technique of mine
8	DR. ASHISH MARKAN	A hybrid 26G needle drainage technique in scleral buckling: A mini scleral cut-down
9	Dr.MUDIT TYAGI	Fibrin Glue assisted surgery for Rhegmatogenous Retinal Detachments- No oil or gas tamponade
10	Dr. SUNITA CHAURASIA	Compression sutures with a Modified technique for Rapid resolution of large Acute Hydrops

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AIOS ARC – SURGICAL INNOVATORS CORNER (The FINAL)

Date: 13th May 2023 | Time: 14.45 – 16.00 PM | Hall: Ruby

Chairman : Dr. Harsha Bhattacharya
Co-Chairman : Dr. Purendra Basin
Convenor : Dr. Rajiv Choudhary
Moderator : Dr. Chitra Ramamurthy
Dr. Anagha Heroor, Dr. Satyajit Sinha

Panelists:

Dr. Shrinivas M. Joshi, Dr. Rohit Saxena, Dr. Harshul Tak

Judges:

Dr. Mahipal S. Sachdev, Dr. Lalit Verma, Dr. Lahane Tatyarao Pundlikrao.
Dr. Ragini Parekh, Dr. Subhasish Nag, Dr. Manoj Chandra Mathur, Dr. Harbansh Lal,
Dr. Mohita Sharma, Dr. Anthrayos C.V. Kakkanatt, Dr. Hemanth Murthy,
Dr. Ramesh Dorairajan, Dr. Jyoti S. Shetty, Dr. K. V. Satyamurthy,
Dr. Rajeev Kumar Reddy P, Dr. Vinita Ramnani,

Each Presentation: 04 Minutes + 01 Minutes Discussion

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- The TOP 12 finalists would present their innovations.
- Each participant will have 04 minutes each to present their innovation to the judges panel (04 minutes presentation +2 minutes discussion)

Concluding Remarks:
Dr. Chitra Ramamurthy
Chairperson ARC
