

CASINO CATARACT

PHAKOLOGY

2024

ART OF CATARACT SURGERY

**SURGICAL
PEARLS
SESSION**

**ROUND
TABLE
INITIATIVE**

**DRY &
WET LABS**

**REGISTER
NOW**

**PANEL
DISCUSSION**

Venue

**2024
OCT 19-20**

**O by TAMARA
TRIVANDRUM**



PHAKOLOGY

2024
ART OF CATARACT SURGERY

CASINO CATARACT

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NATIONAL FACULTY



Dr. Anant Vir Jain
Ghaziabad



Dr. Anurag Mishra
Cuttack



Dr. Deepak Megur
Bidar



Dr. Elankumaran
Bangalore



Dr. Jebinth Brayan
Coimbatore



Dr. R. Krishna Prasad
Hubli



Dr. Madhu Shekhar
Madurai



Dr. Naren Shetty
Bangalore



Dr. Pradip Mohanta
Ranaghat, West Bengal



Dr. Shivkumar
Tirunelveli



Dr. Sunil Thangaraj
Visakhapatnam



Dr. Suvira Jain
Mumbai



Dr. Tamilarasi
Coimbatore



Dr. Venkatesh S
Chennai



Dr. Vivekanandan
Tirunelveli

KSOS FACULTY



Dr. Anil Radhakrishnan
Kochi



Dr. Anup chirayath
Thrissur



Dr. Merine Paul
Thrissur



Dr. Saikumar
Kochi



Dr. Sony George
Kochi

SUSHRUTA ORATION



Dr. Partha Biswas
Kolkata

WE ARE @ PHAKOLOGY 2024



Dr. Minu M. Mathen
Organising Chairman



Dr. Anilkrishnan Nair
Organising Secretary



Dr. Mathew Kurian
Scientific Coordinator



Dr. Sudeep Das
Scientific Coordinator

CHAITHANYA FACULTY



Dr. Anoop B Kollam



Dr. Anu Paul Kochi



Dr. Cheriyan Shane Mathew Thiruvalla



Dr. Dhanya CA Kochi



Dr. Dona George Kottayam



Dr. Harikrishnan C P Karamana, TVM



Dr. Krishna Babu Karamana, TVM



Dr. Lopamudra Biswal Trivandrum



Dr. Neena Chris William Kochi



Dr. Prashant Raphael Ravipuram, Kochi



Dr. Raiza Paul Kochi



Dr. Sachin Mathew Kochi



Dr. Sarath S Trivandrum



Dr. Sheela N. Nair Kottayam



Dr. Sunil Bhaskar Thrikkakara, Kochi



Dr. Thomas George T. Trivandrum



Dr. Vijila Janardhanan Kochi



Dr. Vrinda Harikumar Tripunithura, Kochi



Round Table Initiative

(40 mins Session)

- HERE WE WILL HAVE 10 TABLES.
- ONE FACULTY AND 6-8 TRAINEES PER TABLE.
- 20 TOPICS WILL BE COVERED IN 6 SESSIONS

- In each session, there will be a 15 mins talk with video demo of the topic.
- Next 25 minutes, trainees will have the time to interact one on one with the faculty.
- Practical problems can be individually addressed.
- Trainers will have videos standby to show the trainees when relevant questions arise.

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RTI TOPICS (SESSIONS I, II & III)

TABLE

- Biometry Overview 1
- Mastering Phaco Settings 2
- Intumescent Cataract Challenges 3
- Black and Brown Cataracts 4
- Compromised Posterior capsule & anterior vitrectomy 5
- PPC and post vitrectomy eyes 6
- Pupil expansion devices 7
- Managing Zonulopathy 8
- Surgical correction of aphakia 9
- Malpositioned IOLs 10

RTI TOPICS (SESSIONS IV, V & VI)

- Unhappy 6/6 N6 patients 1
- Surgery in extreme axial lengths 2
- Presbyopia correcting IOLs 3
- Post operative refractive surprises 4
- Conversion from Phaco to SICS 5
- Tips to start Topical Phaco 6
- Tricks in Torics 7
- Phakic IOLs 8
- Biometry Advanced 9
- Investigations in premium IOLs 10

RTI TOPICS (SESSIONS I, II & III)

	10:00- 10:40 AM	10:50- 11:30 AM	12:30- 01:10 PM	
Topic	Session 1	Session 2	Session 3	Table
Biometry Overview	Dr. Elankumaran	Dr. Anil Radhakrishnan	Dr. Elankumaran	1
Mastering Phaco Settings	Dr. Shivkumar	Dr. Naren Shetty	Dr. Shivkumar	2
Intumescent Cataract Challenges	Dr. Anurag Mishra	Dr. Anup chirayath	Dr. Anurag Mishra	3
Black and Brown Cataracts	Dr. Sunil Thangaraj	Dr. Anant Vir Jain	Dr. Sunil Thangaraj	4
Compromised Posterior capsule & anterior vitrectomy	Dr. Sony George	Dr. Suvira Jain	Dr. R. Krishna Prasad	5
PPC and post vitrectomy eyes	Dr. Tamilarasi	Dr. Madhu Shekhar	Dr. Tamilarasi	6
Pupil expansion devices	Dr. Venkatesh S	Dr. Merine Paul	Dr. Sony George	7
Managing Zonulopathy	Dr. Deepak Megur	Dr. Minu M. Mathen	Dr. Deepak Megur	8
Surgical correction of aphakia	Dr. Saikumar	Dr. Sudeep Das	Dr. Saikumar	9
Malpositioned IOLs	Dr. Vivekanandan	Dr. Jebinth Brayan	Dr. Vivekanandan	10

RTI TOPICS (SESSIONS IV, V & VI)

	01:20- 02:00 PM	04:15- 04:55 PM	05:05- 05:45 PM	
Topic	Session 4	Session 5	Session 6	Table
Unhappy 6/6 N6 patients	Dr. Krishna Prasad	Dr. Sony George	Dr. Krishna Prasad	1
Surgery in extreme axial lengths	Dr. Jebinth Brayan	Dr. Sunil Thangaraj	Dr. Jebinth Brayan	2
Presbyopia correcting IOLs	Dr. Naren Shetty	Dr. Shivkumar	Dr. Naren Shetty	3
Post operative refractive surprises	Dr. Anil Radhakrishnan	Dr. Tamilarasi	Dr. Anil Radhakrishnan	4
Conversion from Phaco to SICS	Dr. Anant Vir Jain	Dr. Anant Vir Jain	Dr. Deepak Megur	5
Tips to start Topical Phaco	Dr. Suvira Jain	Dr. Saikumar	Dr. Suvira Jain	6
Tricks in Torics	Dr. Venkatesh S	Dr. Vivekanandan	Dr. Venkatesh S	7
Phakic IOLs	Dr. Anup chirayath	Dr. Mathew Kurian	Dr. Anup chirayath	8
Biometry Advanced	Dr. Merine Paul	Dr. Elankumaran	Dr. Merine Paul	9
Investigations in premium IOLs	Dr. Madhu Shekhar	Dr. Anurag Mishra	Dr. Madhu Shekhar	10

CASINO CATARACT

Saturday- October 19

RTI

10.00- 11.30 am

Session I & II (40 Mins Each)

SICS Panel Discussion

11.30-12.30 pm

BASICS OF HOW TO DO A SAFE SICS CASE

Lead: **Dr. Mathew Kurian**

Panelists: **Dr. Jebinth Brayan, Dr. Vivekanandan, Dr. Anup Chirayath**

RTI

12.30- 2.00 pm

Session III & IV (40 Mins Each)

LUNCH

2.00- 3.00 pm

Scientific Session

3.00-3.15 pm

LIFE BEGINS AT 33 CM WITH CRV TECHNOLOGY IOLS

Speaker: **Dr. Sudeep Das**

SICS Panel Discussion

3.15-4.15 pm

TECHNICAL MODIFICATIONS IN SICS FOR TACKLING DIFFICULT CASES

Lead: **Dr. Sudeep Das**

Panelists: **Dr. Shivkumar, Dr. Madhu Shekhar, Dr. Tamilarasi**

RTI

4.15- 5.45 pm

Session V & VI (40 Mins Each)

SICS Panel Discussion

5.45-7.30 pm

MANAGING COMPLICATIONS IN SICS

Lead: **Dr. Minu Mathen**

Panelists: **Dr. Anant Vir Jain, Dr. Saikumar, Dr. Sunil Thangaraj**

DINNER

7.30- 9.30 pm

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Sunday- October 20

PANEL-Discussion

9.00- 9.45 am

Session-X

**WHEN THE TOUGH ONES GET GOING
MANAGING PHACO COMPLICATIONS**

Lead: Dr.Sudeep Das

Panelists: Dr. Anil Radhakrishnan, Dr. Merine Paul,
Dr. Elankumaran, Dr. Pradip Mohanta

SURGICAL PEARLS

9.45-10.30 am(4 mts talk+2mins discussion)

Session-XI

Speakers

1. Dr. ANURAG MISHRA
2. Dr. ANANT VIR JAIN
3. Dr. SUVIRA JAIN
4. Dr. SUNIL THANGARAJ
5. Dr. VENKATESH. S
6. Dr. PRADIP MOHANTA

Discussants

- Dr. VENKATESH.S
Dr. MADHU SHEKHAR
Dr. PRADIP MOHANTA
Dr. KRISHNA PRASAD. R
Dr. ANURAG MISHRA
Dr. SUVIRA JAIN

Topics

1

Dr. Anurag Mishra

- (A) Posterior zonular laxity, It's appearance and management
(B) Snippets to look at while aligning a Toric IOL using a markerless system

Discussant: Dr. Venkatesh. S

2

Dr. Anant Vir Jain

(A) Drill & Chop for hard nucleus

(B) Lens massage to prevent Argentinean flag sign

Discussant: Dr. Madhu Shekhar

3

Dr. Suvira Jain

(A) Managing and averting intraoperative iris prolapse

(B) Post operative corneal oedema from a descemet's membrane detachment-ideal management strategy

Discussant: Dr. Pradip Mohanta

4

Dr. Sunil Thangaraj

(A) Preparing for disasters

(B) Surgical pearls for morganian phacoemulsification

Discussant: Dr. Krishna Prasad. R

5

Dr. Venkatesh.S

(A) Hydrodelineation in soft cataracts- a life saver

(B) Phaco twirl for epinucleus removal/ pivot rotation for bidirectional IOL rotation

Discussant: Dr. Krishna Prasad. R

6

Dr. Pradip Mohanta

“Prechop for Soft & Submarine for hard”

Discussant: Dr. Suvira Jain

CASINO CATARACT

Sunday- October 20

INAUGURATION

10.30-11.30 am

Sushruta Oration: Dr. Partha Biswas

Topic: REFRACTIVE SURGERY... MY JOURNEY!

Chairpersons: Dr. Thomas Cherian, Dr. V Sahasranamam

PANEL-Discussion

11.30- 12.15 pm

Session-X11

CHOOSING THE RIGHT IOL FOR DIFFERENT PATIENT PROFILES

Lead: Dr. Mathew Kurian

Panelists: Dr. Krishna Prasad, Dr. Naren Shetty, Dr. Sony George

SURGICAL PEARLS

Session-X111

12:15 pm -1pm (4 mts talk+2 mts discussion)

Speakers

1. Dr. TAMILARASI.S
2. Dr. MADHU SHEKHAR
3. Dr. VIVEKANANDAN. V. R
4. Dr. SAIKUMAR. S. J
5. Dr. SHIVKUMAR CHANDRASEKHAR
6. Dr. ANUP CHIRAYATH
7. Dr. JEBINTH BRAYAN

Discussants

- Dr. NAREN SHETTY
Dr. ELANKURAMAN. P
Dr. DEEPAK MEGUR
Dr. ANIL RADHAKRISHNAN
Dr. SONY GEORGE
Dr. MERINE PAUL
Dr. KRISHNAPRASAD

1

Dr. Tamilarasi. S

(A) Anterior vitrectomy: decoding the settings

(B) Minimizing wound burn with highly dispersive viscoelastic

Discussant: Dr. Naren Shetty

2

Dr. Madhu Shekhar

(A) Transferring the anchor in subluxation

(B) Exposing the unexposed in colobomas

Discussant: Dr. Elankuraman. P

3

Dr. Vivekandandan

(A) IOL explantation techniques

(B) Flanges to the rescue

Discussant: Dr. Deepak Megur

4

Dr. Saikumar. S. J

(A) Managing some B hex troubles

(B) Rhexis extension –when and how to convert

Discussant: Dr. Anil Radhakrishnan

5

Dr. Shivkumar Chandrasekhar

(A) Safety pearls in PPC

(B) Free hands technique in small pupil phaco

Discussant: Dr. Sony George

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Dr. Anup Chirayath

- (A) Refining the technique of posterior fixated iris claw IOL.
- (B) Pearls on managing IFIS even without iris fixation device

Discussant: Dr. Merine Paul

7

Dr. Jebinth Brayan

- (A) 5th iris hook-managing small pupil during phaco
- (B) Rhexis construction how to position the flap to make it small or big

Discussant: Dr. Krishnaprasad

LUNCH 1.00- 2.00 pm

VIDEO ASSISTED SKILLS TRANSFER 2.00- 3.15 pm

Chairperson: **Dr. SONY GEORGE** 4 Mins Video + 6 Mins Discussion

The video assisted skills transfer session will feature 2 mentees per team, each presenting 4 minute videos of intraoperative challenges. The mentors will discuss methods to avoid and manage the challenges.

TEAM-1: 2.00-2.10 PM

DR. VIJAYALAKSHMI M S
Dr. SEENA

TEAM-2: 2.15-2.25 PM

Dr. MERINE PAUL
DR. ANUP CHIRAYATH

TEAM-3: 2.30-2.40 PM

Dr. SAIKUMAR S J
Dr. ANIL RADHAKRISHNAN

TEAM-4 : 2.45-2.55 PM

Dr. SUDEEP DAS
Dr. SHEELA NAIR

TEAM-5: 3.00-3.10 PM

Dr. MINU M. MATHEN
Dr. LOPAMUDRA BISWAL

CASINO CATARACT

WET LAB

I PHACOEMULSIFICATION

- Johnson & Johnson Phaco machine wet lab
- Alcon Fidelis- VR Phacoemulsification simulator dry lab

II IRIS CLAW

III PUPIL EXPANSION DEVICE

(a) **B-HEX RING**

(b) **IRIS HOOKS**

DRY LAB

TORIC MARKING

Complementary Wet Lab Registration for Registered Delegates

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