

## **IC: ABC OF OPHTHALMIC EXAMINATION**

Date: 16.12.17

Time: 9.30 AM

Hall: C

### **Synopsis**

In spite of rapid progress in technology, the importance of sound clinical acumen and expertise in clinical technique is imperative in ophthalmology. This instruction course deals with the basic techniques of ophthalmic examination: the slit lamp biomicroscope, the gonioscope and the indirect ophthalmoscope. Though the target audience is the postgraduate trainee, this instruction course aims as a refresher for all ophthalmologists who wish to hone their clinical skills

### **Speakers**

The Slit Lamp Biomicroscope: Examination of the anterior segment: **Dr Surya Gupta**

The Slit Lamp Biomicroscope: Examination of the posterior segment: **Dr Krishnendu Nandi**

Gonioscopy: **Dr Arijit Mitra**

Indirect Ophthalmoscopy: **Dr Soumen Mondal**

Fundus Drawing: **Dr Rupak Ray**

## **IC: THE CHALLENGES OF CATARACT SURGERY IN CO-MORBID CONDITIONS: A VIDEO ASSISTED COURSE.**

Date: 16.12.17

Time: 10 AM - 11 AM

Hall: B

### **Synopsis**

Objective: Cataract surgery in the setting of comorbid diseases has always been a challenge. At times, Cataract surgery may also adversely affect the co-existing comorbid disease. This course will focus on the surgical pearls and key teaching points for performing cataract surgery in the setting of pre-existing Diabetic Macular Edema, Proliferative Diabetic Retinopathy, Inherited disorders of the lens, Peripheral Retinal Degenerations and cataract surgery in vitrectomized eyes. This video assisted course will be based on the currently available evidence. A more methodical approach for evaluation, investigation and planning of such cases will be shown. The rational use of adjunctive therapies like anti-VEGF injections and Lasers will also be discussed. At the end of the course, the attendees will have a better understanding of the problems and will be ready to take on the challenges in a more scientific method and achieve optimal outcomes.

**Keynote address.** Dr S K Goswami: Multifocals. The new horizon in extended focus.

**Chief Instructor :** Dr Siddhartha Ghosh

**Co Instructor s :**

Cataract surgery in patients with Diabetic Macular Edema: Dr Siddhartha Ghosh

Cataract surgery in patients with Inherited disorders of the lens: Dr Ajoy Paul

Cataract surgery in patients with Proliferative Diabetic Retinopathy: Dr Aniruddha Maiti

Cataract surgery in patients with Pre-existing Peripheral Retinal Degenerations: Dr Krishnendu Nandi

Cataract surgery in vitrectomized eyes: Dr Arup Bhaumik

### **IC: CONJUNCTIVAL AUTOGRAFTING IN PTERYGIUM SURGERY**

Date: 16.12.17

Time: 10.30 AM - 11.30 AM

Hall: C

#### **Synopsis**

Conjunctival autografting following pterygium excision is currently the accepted surgery for primary and recurrent pterygium. It has an acceptable low recurrence rate, good cosmesis and no fatal complications. Variations of autografts like limbal (CLAG), free (CAG), rotational (CRAG), sliding, etc. With sutures, fibrin glue or autoblood fixation are explained along with surgical complications and management. At the end of the course, the attendee will be able to appreciate the indications and techniques of different methods of conjunctival autografting in pterygium surgery. The very low recurrence rate over a five year follow up in more than 1600 cases will encourage an early intervention.

**Keynote address.** Dr Yajati Ghosh: Periocular reconstruction

Introduction: Dr Santanu Mitra

Conjunctival autografting: Techniques: Dr Ayan Mahanta

Graft Fixation Techniques: Glue vs Suture vs Autoblood: Dr Santanu Mitra

Difficult Situations: Recurrent Pterygium, MMC, AMT: Dr Jayanshu Sengupta

Complication management & Overview: Dr Santanu Mitra

## **IC: PHACO IN HARD, WHITE AND SOFT CATARACTS**

Date: 16.12.17

Time: 12.30 PM - 1.30 PM

Hall: C

### **Synopsis**

Phacoemulsification is one of the finest and most accepted procedure where rehabilitation of the patient is fast associated with good visual outcome. There are certain conditions like hard brunescant cataract, very soft cataract or white cataracts (intumescent, Morgagnian etc.) Which can pose challenges to even experienced phaco surgeons. These cases require utmost skills and modifications in technique to get the desired postoperative results. With recent advances in equipment and instrumentation, better surgical techniques with perfect understanding of fluidics, a surgeon should be able to perform relatively safe cataract surgery even in such challenging situations. Masters and experienced surgeons in phaco surgery like Dr Pradeep Mohanta and his team will discuss various methods of handling difficult cases of cataract and share their experiences with video presentations."

### **Speakers**

Management of white cataracts (Intumescent, Morgagnian): **Dr Pradip Mohanta**

Management of Hard Cataracts (Brown or Black): **Dr Arup Bhowmik**

Management of soft cataracts: **Dr Arup Bose**

**Keynote address. Dr Partha Biswas:** Preferred Practice Patterns :Current bench mark and novel therapies for improving cataract surgery outcomes

## **IC: BOTOX: A CURATIVE POISON**

Date: 16.12.17

Time: 11.30 AM - 12.30 AM

Hall: C

### **Synopsis**

Use of Botulinum toxin has become widespread over the years. With improved diagnosis & referral of movement disorders, migraine & increased aesthetic needs the demand is ever increasing. This course will involve discussion about the toxin, safety concerns, how to use it in blepharospasm, hemifacial spasm & migraine – conditions an ophthalmologist frequently faces. Botox is popularly used in treatment of facial rhytides, expression lines & facial sculpting. At the end of the course the attendee will appreciate the many uses of botox, how to administer it & overcome the safety concerns.

### **Speakers**

Introduction: [Dr Sabita Katoch](#)

Botox & its use in Migraine: [Dr Kumar Gaurav](#)

Essential Blepharospasm: [Dr Lav Kochgaway](#)

Botox in Hemifacial spasm & various ocular problems: [Dr Sabita Katoch](#)

Aesthetics & Botox: [Dr Piyali Chatterjee](#)

## **IC: RESEARCH METHODS: THE BASICS**

Date: 16.12.17

Time: 1.30 PM - 2.30 PM

Hall: C

### **Synopsis**

We have submitted this course on behalf of Bengal Ophthalmic Journal. The objective of this course is to enable the Researchers to develop the most appropriate methodology for their Research Studies. It will outline the fundamentals of doing research, aimed primarily, but not exclusively, at the postgraduate level. Therefore, the mission of the course is to impart research skills to the beginners (MS/ MD/DO/ DNB students) and help improve the quality of Research by the existing Researchers (teachers and research guides). The study of research methodology gives the students the necessary training in gathering material and arranging, training in techniques for the collection of data appropriate to particular problems, in the use of statistics, questionnaires and controlled experimentation and in recording evidence, sorting it out and interpreting it.

### **Speakers**

Overview of study design: [Dr Tutul Chakravarti](#)

Types of data, summary and data presentation: [Dr Tutul Chakravarti](#)

Inference from a sample mean: [Dr Chandana Chakraborty](#)

Comparison of two means: [Dr Tutul Chakravarti](#)

Sample size collection: [Dr Sambuddha Ghosh](#)

How to do a research project: [Dr Chandana Chakraborty](#)

## **IC: STRABISMUS: SIMPLIFYING THE PUZZLE!**

Date: 16.12.17

Time: 2.30 PM - 3.30 PM

Hall: C

### **Synopsis**

Strabismus is one of the most commonly encountered diseases in Ophthalmic practice. In spite of this, diagnosis and management of strabismus could perplex the finest ophthalmologists in practice. The various tests of squint evaluation like the worth 4 dot, Hess Chart, 4 PD Base out test, Dissociated vertical deviations, Parks 3 step test could certainly lead to confusion, if not diplopia in both the examiner and the patient's mind. This comprehensive course aims to simplify the approach to strabismus for all ophthalmologists. It includes the practical pearls in squint evaluation, and a brief algorithm for approach to intermittent divergent squint, esotropia, and paralytic and restrictive strabismus.

### **Speakers**

Squint Evaluation: Doing it the right way: [Dr Shruti Mittal](#)

Managing Intermittent Divergent squint: [Dr Anuradha Chandra](#)

An algorithm for Childhood Esotropia: [Dr Suman Mukherjee](#)

Paralytic vs Restrictive strabismus: [Dr Sujata Guha](#)

## **IC NEURO OPHTHALMOLOGY: THINKING BEYOND THE EYE**

Date: 16.12.17

Time: 3.30 PM - 4.30 PM

Hall: C

### **Synopsis**

Neuro-ophthalmology is a branch of ophthalmology which deals with conditions which may mimic a simple benign condition to a complex life-threatening disease. The practicing ophthalmologist must vigilantly inquire for the relevant history, look for the distinctive clinical signs, and identify the differentiating or diagnostic radiographic or laboratory feature that may be vision- or life-saving for the patient. The clinical situations that can challenge the practicing ophthalmologist include sudden vision loss, optic disc edema, anisocoria, eye movement disorder, diplopia and interpretation of tests relevant to the clinical presentation. This comprehensive instruction course aims to make a simplified step ladder approach in recognizing the common neuro-ophthalmic signs and symptoms critical to an accurate diagnosis and to make an initial management plan before referring to a specialist.

### **Speakers**

Pupils: Being Pupil of Pupils: [Dr Siddharth Sheth](#)

Disc dilemma: Edema-True/Pseudo: [Dr Sujata Guha](#)

Diplopia: When should we worry?: [Dr Subhrangshu Sengupta](#)

Investigations: What to order-Platter?: [Dr Shruti Mittal](#)

### **IC: ALL ABOUT PCR**

Date: 17.12.17

Time: 9.30 AM - 10.30 AM

Hall: B

#### **Synopsis**

This course will discuss in detail posterior capsular rupture (PCR), one of the most dreaded complication of cataract surgery. The course will discuss prevention, early recognition, management, IOL options and complications.

#### **Speakers**

Predisposing factors, prevention and early recognition: [Dr Sayan Das](#)

**Keynote address.** [Dr Arup Chakraborty](#). Management of PCR

Anterior segment complications of PCR: [Dr Bhaskar Roy Chowdhury](#)

Posterior segment complications: [Dr Sangeeta Roy](#)

### **IC: EXTERNAL DACRYOCYSTORHINOSTOMY: BATTLE SIMPLIFIED**

Date: 17.12.17

Time: 10.30 AM - 11.30 AM

Hall: B

#### **Synopsis**

External DCR is one of the commonest oculoplastic surgeries performed. But yet it carries a fear among many of us. The basic concept of creating a mucosa lined bypass between lacrimal sac and nasal cavity has remained unchanged over centuries. But many things like visualisation, suturing, etc have improved, leading to a higher success rate and lesser complications of this surgery. The video assisted course will deal with preoperative patient selection, anaesthesia, surgical steps with modifications, complication management about external DCR. At the end of the course, the attendee will appreciate the proper guideline to perform a successful DCR surgery and will overcome the unnecessary anxiety associated there.

#### **Speakers**

Introduction: [Dr Santanu Mitra](#)

Strategy: Patient selection: [Dr Sabita Katoch](#)

Special Attention: Paediatric age group: [Dr Sabita Katoch](#)

The Battle: Surgical steps (General & Personal): [Dr Saurabh Sanyal](#)

The way I fight my war: Modifications: [Dr Santanu Mitra](#)

Complication management: [Dr Saurabh Sanyal](#)

Overview: [Dr Santanu Mitra](#)

**Keynote address.** [Dr Biraj Goswami](#): DCR - The easier the better.

### **IC: PAEDIATRIC CATARACT SURGERY DEBATE**

Date: 17.12.17

Time: 11.30 AM - 12.30 AM

Hall: C

#### **Synopsis**

An update on the controversies of paediatric cataract surgery and IOL implantation.

#### **Speakers**

Paediatric Cataract Overview: [Dr Lav Kochagaway](#)

IPaediatric lens subluxation – Worth operating?: [Dr Saurabh Sanyal](#)

Traumatic cataract dilemmas: [Dr Arup Bhaumik](#)

IOL in JRA / paediatric uveitis: [Dr S Sudarshan](#)

**Keynote address.** [Dr Kavitha Kalaivani](#). IOL issues in children

### **IC: SMALL PUPIL – PRACTICAL TIPS**

Date: 17.12.17

Time: 12.30 PM - 1.30 PM

Hall: B

#### **Synopsis**

This video based course will provide comprehensive instructions on strategies, devices and techniques to tackle pre operative and intraoperative small pupil in SICS, Phacoemulsification & Femto phaco. Topics will include: Assessment of small pupil & co-morbidities, Fluidics, Viscomydriasis, Iris Hooks, Pupil expansion rings (Malyugin) and new pupil expansion rings (Bhattacharjee). Stepwise instructions for each of these devices will be provided. Anticipation, recognition and management of IFIS will be specially emphasized. At the conclusion of this course, the attendee will be able to distinguish the elastic small pupil of IFIS from the non elastic small pupil due to other causes and also develop a clear strategy to deal with a non dilating or constricting pupil with or without a floppy and prolapsing Iris, with judicious use of fluidics, viscoelastics and devices like Iris hooks and rings.

### **Speakers**

Fluidics, viscomydriasis, non-device options: [Dr Jayangshu Sengupta](#)

Intra-operative floppy iris syndrome: [Dr Saurabh Sanyal](#)

Iris Hooks: [Dr Debasish Dutta](#)

Malyugin Ring and new pupil expanders: [Dr Arup Bhaumik](#)

B-HEX pupil expander: [Dr Suven Bhattacharya](#)

Uveitic and Glaucomatous small pupils: [Dr Ayan Mohanta](#)

**Keynote address.** [Dr Arup Chakrabarti](#). Optimising Toric results. A few pearls.

### **IC: NIGHTMARES IN OCULAR TRAUMA**

Date: 17.12.17

Time: 1.30 PM - 2.15 PM

Hall: B

### **Synopsis**

Managing ocular trauma is full of challenges. Ocular trauma cases are managed mostly by the general ophthalmologist. With the advent of sub specialties in ophthalmology, we often come across with the sub specialist related challenges in trauma. Cornea specialist may come across with the challenging cases related to anterior segment trauma. Paediatric ophthalmologist may face many challenging paediatric trauma. Similarly, an oculoplastic and orbit surgeon may come across mind boggling oculoplastic and orbital trauma cases. This comprehensive overview of challenging trauma cases by sub specialists of different streams will highlight their experience and will provide insight into the management.

### **Speakers**

Oh My God! What a hopeless case: [Dr Abhijeet Ghosh](#)

Management of Chemical injury: [Dr Sayan Das](#)

Better if I would have been a general pediatrician: [Dr Anuradha Chandra](#)

Where is the foreign body?: [Dr Chandana Chakraborti](#)

## **IC: SURGICAL CORRECTION OF BLEPHAROPHIMOSIS SYNDROME**

Date: 17.12.17

Time: 2.15 PM - 3.00 PM

Hall: B

### **Synopsis**

Blepharophimosis syndrome is a complex and rare disease characterized by epicanthus inversus, telecanthus, lateral ectropion, narrowed or shortened inter-palpebral fissure distance and ptosis. It is mostly bilateral. It is typically inherited as an autosomal dominant trait. Surgical treatment of this disease poses an oculoplastic challenge due to multiple complex lid deformity. Mustarde's double Z-plasty and trans-nasal fixation with 1-0 prolene suture was performed in the first of a two-stage operation. If ectropion was present, the lateral ectropion was corrected by a base-out flap transfer from the upper lid to the lower lid. After three months, a 2nd stage was undertaken, involving a lateral canthoplasty for horizontal widening of a short palpebral fissure and a tarso-frontalis sling with silicone rod for correction of moderate to severe ptosis. Patients were followed up for six months to one year with postoperative ophthalmologic examinations and photographs

### **Speakers:**

Genetics of Blepharophimosis syndrome and study: [Dr Purban Ganguly](#)

Clinical feature and investigation of Blepharophimosis syndrome: [Dr Saumadip Majumdar](#).

Surgical Management of Blepharophimosis syndrome [Dr Salil Kumar Mandal](#)

## **IC: WHITE IS NOT RIGHT: RETINOBLASTOMA BASICS AND BEYOND**

Date: 17.12.17

Time: 2.30 PM - 3.30 PM

Hall: C

### **Synopsis**

Retinoblastoma, the most common intraocular tumour in children can have life threatening complications if not recognized early. Although it has many varied presentations, leukocoria is one of the most common and recognizable clinical signs providing clue to its presence. With major advancements in its management, eyes with retinoblastoma can not only be saved but also have vision in selected cases. The aim of this instruction course is not only to create awareness amongst our peer group but also to understand how far we have come in managing these children. A systematic approach to children with leukocoria will be presented first followed by its clinical presentation and features. Latest management strategies will then be discussed with inputs regarding nuances in systemic chemotherapy.

### **Speakers**

Approach to a case of Leukocoria: [Dr Bikramjit P Pal](#)

Clinical Features and presentation: [Dr Anirban Bhaduri](#)

Current Management in Retinoblastoma: [Dr Vikas Khetan](#)

Nuances of systemic chemotherapy: [Dr Anirban Das](#)