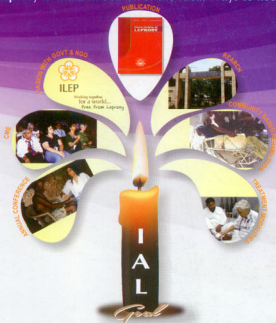


# INDIAN ASSOCIATION OF LEPROLOGISTS



## SIXTH NATIONAL CME CUM ORIENTATION TRAINING SESSION 2015

Theme: "Current Scenario of Leprosy in India-In Search of the Ideal Ways to keep up the Status of Elimination"



Govt. of India



ICMR



IADVL



AMC



NLEP



IAL



SMC



AUS

Advocacy in Community Health Care of People Affected with Leprosy in Indian Subcontinent

Silchar Medical College, Silchar, Assam

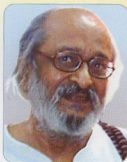
18<sup>th</sup> September, 2015 (Friday)



# ONGOING GUIDING FORCE OF IAL ACTIVITIES PAST PRESIDENT OF INDIAN ASSOCIATION OF LEPROLOGISTS



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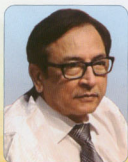
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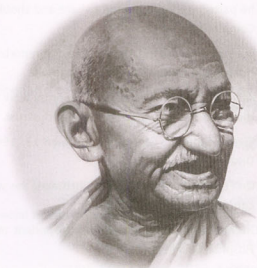
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# Our Tribute to The Father of The Nation

## THE GREAT SOUL DEDICATED FOR THE CAUSE OF LEPROSY



### GANDHIJI'S ASSOCIATION WITH LEPROSY WORK

1882-83	Rajkot	Gandhiji was deeply impressed by the account of their family priest, Latha Mahraj, who, it was said, got rid of his leprosy by chanting Ramanam and applying Bilwa Patra.
1894-95	Durban	Gandhiji met leprosy patient on road
1897	Durban	Gandhiji nursed a leprosy patient in gandhiji's own house. He did this as an act of concrete service to his fellow-men.
1905	South Africa	Gandhiji wrote a short article about a missionary worker who contracted leprosy while doing working in India.
1913-15	Pune	Rescued and helped a leprosy patient when Gandhiji had been for his evening walk.
1913-15	Madras	Gandhiji wiped the bleeding sores of a leprosy patient (an eminent political worker and founder Member of Indian Nation Congress) with the ends of his (Gandhiji's) own garment, Shri Srinivas Sastri was present at this time.
1917	Champaranya	During the Champaranya March, Gandhiji escorted one of his fellow-workers, a leprosy patient, to the camp.

1925	Cuttack	Gandhiji visited Cuttack leprosy Hospital. This was a hurried visit on August 19, 1925.
1925	Purulia	On September 12, 1925 Gandhiji visited Purulia Leprosy Hospital.
1927	Cuttack	On December 21, 1927 Gandhiji visited Cuttack leprosy Hospital. Here he patted the heads of the patient and shook hands with them after Completing his Speech.
1929	Almora area	During his tour of the Almora area, it is reported that he visited leprosy Hospitals at Almora Kaysani and Bageswar.
1944	Sevagram	Kasturba Trust was established. Leprosy work was included as one of the items of work to be done through the trust.
1944	Sevagram	Visited Dattapur Leprosy Hospital on 12, 1944. Called Mr. Manohar Divan as "True Mahatma".
1945	Sevagram	On February 9, 1945 Dr. R G Cochrane, the world famous leprologist come to meet Babu at sevagram.
1946	Madras State	On February 4, 1964 Gandhiji met the patient at the Willingdon Leprosy Hospital, Chingleput.
1946	---	---- Gandhiji came to know that the Sind Assembly was proposing to introduce a bill for compulsory sterilization of leprosy patient. Gandhiji wrote to Prof. N. K. Malkani member of the Assembly. On receipt of Gandhiji's letter the proposed bill was dropped. (June 1946).
1947	---	Harijan Dated January 12, 1947 published a detailed statement from medical men of India, condemning the bill for compulsory sterilisation of leprosy patient in Sind Province
1947	Noakhali	On February 05, 1947 Gandhiji mentioned in his post prayer speech that special representations, if any, in the various assemblies and bodies should be given to leprosy Patients and other disables.
1947	Calcutta	On September 4, 1947 visited the Gobra leprosy Hospital near Calcutta.. It was here that he said that he considered mental leprosy worse than physical leprosy.
1947	New Delhi	Mentioned leprosy in his post-prayer-speeches on two successive days, October 23 and 24, 1947. Also sent a Message to the All India Leprosy Workers' Conference.

**INDIAN ASSOCIATION OF LEPROLOGIST (IAL)**  
**SIXTH NATIONAL CME CUM ORIENTATION**  
**(SESSION 2015)**



*THEME*

**Current Scenario of Leprosy in India- In Search of the Ideal Ways to  
keep up the Status of Elimination**

*Organiged by*  
**Indian Association of Leprologists**

*In collaboration with*  
**Department of Dermatology and Venereology**  
Silchar Medical College, Silchar, Assam  
& **Special Interest Group of Indian Association of Dermatologists,  
Venereologists & Leprologists**  
Barak chapter NE State Branch of IADVL

**18th September, 2015, Friday**



*VENUE*

**Silchar Medical College**  
Silchar, Assam  
Accredited to Assam Medical Council



*Organizing Chairperson*  
**Prof. Bhaskar Gupta, MD**

*Organizing Secretary*  
**Dr. Asish Dey, MD**

*Sponsored by*  
**Indian Council on Medical Research**



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GOVT. OF ASSAM  
OFFICE OF THE PRINCIPAL-CUM-CHIEF SUPERINTENDENT  
**SILCHAR MEDICAL COLLEGE & HOSPITAL :: SILCHAR**

CACHAR :: ASSAM :: PIN - 788 014

Ref. No. ....

Date 10.9.15.....



MESSAGE

It is a matter of extreme delight that Indian Association of Leprologists organizing 6<sup>th</sup> National Level CME on leprosy at Silchar Medical College, Silchar and souvenir will be published in this occasion.

I congratulate and express deep sense of appreciation for this endeavor and hope the souvenir will be perfect blend of literary and scientific material which will help to update knowledge of recent development.

I also wish all success of CME programme.

*S. R. Barman*

Dr. (Mrs.) S. R. Barman  
Principal-cum-Chief Superintendent  
Silchar Medical College & hospital,  
Silchar

## Forward

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### **Padmashree Dr. Hariharan Srinivasan , FRCS**

The goal of Medicine is to eliminate the need for medicine. As far as Leprosy is concerned, we have largely succeeded in that goal as we have made that an uncommon disease, whereas when I entered that field more than 50 years ago, it was quite a common disease. I am sure we can make it a rare disease in our life time and then a time will come when it will join small pox, poliomyelitis and St Vitus dance as part of history. Let us look forward to that day and rejoice. All strength to your elbow!"

Best wishes and regards,

**H Srinivasan**

Past President IAL

Past Hony Editor, Indian Journal of Deprpsy (1990-2002)

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**Dr. Hariharan Srinivasan** MBBS., FRCS(Edin.), FRCS(Eng.) (born 1929) graduated from Madras Medical College in 1951, obtaining the "Bradfield Memorial Prize" for combined proficiency in Anatomy and Surgery from the Madras University. After spending one year in Christian Medical College, as tutor of Anatomy, he proceeded to England in 1954 for further studies. He got his FRCS (Edinburgh) in 1957 and FRCS (England) in 1958. During 1954 - 1958 he also worked in hospitals in Birmingham, North Wales and London in different capacities (in general surgery, orthopaedic surgery and paediatric surgery) as House Surgeon, Senior House Surgeon, Registrar and Consultant.

Dr. H. Srinivasan joined, in 1959, Kasturba Medical College, Mangalore as Reader in Orthopedic Surgery and as Hon. Surgeon (Orthopedic Surgery) in Government Wenlock Hospital, Mangalore, Karnataka. He started operating on some leprosy patients while working there and got interested in the problem of deformities in leprosy. This, combined with his interest in hand surgery and clinical research, plus some idealism, prompted him to join as full-time orthopaedic surgeon in Central Leprosy Teaching



and Research Institute (CLT&RI) at Chingleput, near Madras (now Chennai), in 1962. He spent the next twenty-two years there establishing and developing a highly reputed surgical department and carried out his research work on various aspects of deformities occurring in leprosy patients and developed reconstructive surgical techniques that made him well-known as a distinguished scientist in this field. Some of the surgical procedures introduced by him for the correction of these deformities are widely used in India and many Countries abroad. He served CLT&RI, Chingleput for 22 years from 1962 to 1984 in various capacities such as Orthopedic Surgeon / Senior Orthopedic Surgeon / Deputy Director (Surgery) and Director-in-charge of the Institute.

After voluntarily retiring from CLT&RI in 1984, he worked as Research Consultant, Portland Hand Surgery & Rehabilitation Centre, Portland (OR), USA for about two and a half years, from 1984-1986, organizing a comprehensive research program on carpal tunnel syndrome. He was selected as Director, Central JALMA Institute for Leprosy (ICMR), Agra, India in June 1987 where he worked till Nov. 1990. During his tenure there he opened up the Institute for PhD students and actively promoted academic interaction between the scientists of JALMA and those abroad. Dr. Srinivasan was selected to take over the Editorship of "Indian Journal of Leprosy" from Dr. Dharmendra, the doyen among Indian leprologists, in 1990 and he continued to edit that journal for the next 12 years, till June 2001.

He has conducted a number of hands-on training workshops, sponsored by the World Health Organization, on "Reconstructive Surgery in Leprosy" for Professors and Readers of Orthopedic / Plastic surgery from medical colleges in India, training in all about 100 surgeons.

He was a member of the Panel of experts in Leprosy of the World Health Organization (WHO) for over 20 years, from 1985 and was a member of its Sixth (1987) and the Seventh Expert Committees on Leprosy (1997) of the WHO.

He has presented papers/participated and chaired sessions in National and International conferences/seminars/workshops on subjects related to Leprosy and Hand Surgery, in India and abroad and has published more than 60 papers in Indian and foreign medical Journals on deformities and disabilities in leprosy patients. He has authored two books, commissioned by the WHO, and an atlas of surgical procedures commonly used in leprosy, sponsored by the WHO. He has contributed chapters in over ten text books of Leprosy, General surgery, Dermatology, Hand Surgery and Orthopedic Surgery, published from India and abroad. He has also illustrated the books authored / co-authored by him as well as some other medical text books with his own drawings.

He has been President of the Indian Association of Leprologists, a Founder member and President of the Indian Society for Surgery of the Hand. He was the first recipient of the "JALMA Trust Fund Oration Award" of the Indian Council of Medical Research, in 1979. Dr. Srinivasan was honoured by the President of India with "Padma Shri" award in 1984. The Indian Orthopaedic Association conferred on him the Honorary Fellowship of the Association in 2003. He received the "International Gandhi Award" in 2004 and was conferred "Doctor of Science (Honoris Causa)" by The Medical University of Tamil Nadu, also in 2004. The International Federation of Societies for Surgery of the Hand honoured Dr. Srinivasan with the award of "Pioneer of Hand Surgery" in 2007.

Dr. Srinivasan is also well-known as a writer in Tamil and has published novellas, short stories and poetry, in Tamil literary magazines and some of them have been included in anthologies of short stories and translated Hindi & English. One of his short stories was selected as "Best short story of the year" in 1971 by a Tamil Literary Forum. A complete collection of his short stories was published in 2014.



Dr. Pushendra Singh

### Current priorities of leprosy research overseas

Leprosy is widely considered as a very rare disease by many people, however these very same people get surprised to know that there are still over 200,000 new cases being recorded each year, and perhaps many go unrecorded. It is true that a majority of them (~95%) are confined in just 20 countries, most of which are in South East Asian region. However, today's world is a global village where international travel and migrations are getting more and more frequent. Hence despite its rarity in the western world (particularly Europe and North America), research on leprosy is considered important and several research groups have made notable discoveries in basic as well as operational research which also have great significance for other fields as well.

#### Currently, the following topics are major focus of leprosy research in many countries:

**Early detection:** differential diagnosis of leprosy remains difficult, as its symptoms sometimes might appear very similar to those in other dermatological conditions or diseases earning leprosy a title of great imitator. Further, the unawareness/declining leprosy expertise among physicians, particularly in the low-endemic settings, may often cause diagnostic delays contributing to serious neurological consequences. Hence, a high priority of leprosy research is to develop a laboratory test that can aid in accurate identification of leprosy at an early stage to prevent disabilities and *M. leprae* transmission. Further, the episodes of reactions can pose additional challenges, as this requires specialized expertise. Hence, a major focus of several research projects is on identifying the biomarkers of nerve damage and reactions. These studies investigate host gene expression either targeting a few candidate genes by qPCR or by analyzing whole transcriptional profiles using microarray or RNA-sequencing.

**Drug resistance surveillance, molecular diagnostics and testing of new drugs:** Currently available multidrug therapy is very effective and very few cases of drug resistant *M. leprae* are reported. However, careful monitoring of the trends has been one of the key priorities for the World Health Organization. High Resolution Melting (HRM) analysis for molecular drug susceptibility testing (MDST) and genotyping has been developed which can be useful for the settings where DNA sequencing facilities are not available. New diagnostic antigens based upon recombinant fusion proteins have been recently developed for sensitive serological diagnosis. Quantitative PCR based enumeration of *M. leprae* and determination of its viability using molecular assays has also become available.

**Viable *M. leprae* as a research reagent:** Availability of viable *M. leprae* as a research reagent through National Hansen's Disease Program (NHDP) has also accelerated testing of anti-leprosy compounds using radiorespirometry technique. These viable bacilli have been invaluable resource to also test the mechanisms of nerve invasion. Recently, a landmark paper describing the ability of the cellular reprogramming of adult schwann cells into stem cell-like cells was also described which has attracted attention and appreciation from diverse fields. Similarly, investigations into neuropathogenic potential of *M. leprae* and the mechanisms by which it causes damage to the peripheral nerves is also a key priority. This also has implications for other forms of peripheral neuropathies, for example, diabetic and HIV-related neuropathies which affect several hundreds of millions of people worldwide.

**Zoonotic leprosy:** Role of armadillos in zoonotic spread of leprosy in southern United States was also confirmed by genome-scale identity of animal and human derived strains recently [#318] and hence has been a priority area of research to undertake molecular epidemiological investigations into armadillo and human leprosy in such areas where natural infection of leprosy in armadillos is common. As the natural habitat of armadillo range in a big part of South America also, such investigations into their role in zoonotic spread of leprosy possesses immense relevance and such studies are being planned whose results will be informative.

**Newly identified species *M. lepromatosis*:** This species of leprosy bacilli, was described in a Mexican origin patient in 2008 and recently the draft whole genome of this bacterium was described using Illumina Next Generation Sequencing which shows that both *M. leprae* and *M. lepromatosis* underwent reductive evolution together and then diverged ~ 14 million years ago. Despite a very deep divergence, they have very similar genome architecture and both remain uncultivable. Interestingly, this species was reported from red-squirrels in Scotland which has raised several speculations of additional animal/environmental reservoirs of leprosy bacilli. However, more investigations are required in this matter.

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#### Author Biosketch:

**Pushpendra Singh** completed his PhD in Drug Resistance mechanisms in mycobacteria from JALMA Institute (ICMR) Agra and then joined Prof. Stewart Cole's group where his research focus was mycobacterial genomics. These studies provided evidence of zoonotic link of armadillos with leprosy in southern US. Subsequently, he contributed in tracing the origin of this zoonotic strain to the medieval leprosy skeletons from Europe. These studies have been published in leading journals. Currently, as a Visiting Scientist, he has made leading contributions in establishing a fully functional Molecular Medicine Laboratory at the National Hansen's Disease Program at Baton Rouge, Louisiana, USA where his primary research interest is to investigate the host-pathogen interaction and mechanisms of peripheral neuropathies using leprosy as a model disease.

Email: psjalama@gmail.com

## Welcome Address

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### **Dr. Bhaskar Gupta.**

Prof. & Head, Department Of Dermatology  
Silchar Medical College & Hospital, Silchar

Dear esteemed delegates,

It is my privilege to welcome all the dignitaries and delegates at 6<sup>th</sup> National Level CME on Leprosy organized by Indian Association of Leprologists (IAL) in association with Department of Dermatology, SMCH, Silchar and Barak Chapter of NE states branch of IADVL.

We are thankful to IAL for giving us the opportunity to organize this mega event in Silchar Medical College which is situated in a geographically and communication wise isolated and remote part of the country known as Barak Valley. This will give all the health care providers from primary to tertiary level a boost of inspiration to work in harmony for elimination of Leprosy from this part of India.

Silchar is a small place with beautiful natural scenery populated by peace loving various ethnic groups and surrounded by many neighboring states with diversely cultured people. So positive and informative message about Leprosy control and elimination in this region will benefit this entire multi ethnic population as such.

We are thankful to Silchar Medical College authority and district administration for extending their whole hearted support and help to organize this event. Hope this event will be a successful one.

### **Dr. Bhaskar Gupta**

Org. Chairperson

## Welcome Address



**Dr. Ashis Dey**

I, on behalf of the Organizing Committee of the 6<sup>th</sup> National Level CME cum Orientation on Leprosy, take great pleasure to welcome you all to Silchar, the "island of peace" coined by Late Smt. Indira Gandhi. This CME is organized by Indian Association of Leprologists (IAL) in association with Deptt. Of Dermatology, Silchar Medical College and BARAK CHAPTER of NEIADVL States Branch. Silchar, the second largest town of Assam and is the heart of the Barak Valley, is situated on the bank of Barak River is known for its natural beauty and scenic splendour. It is surrounded by Borail Hills on the north, Mizoram on the south, Manipur on the east and Tripura on the west.

We are organizing such type of CME for the first time in this valley.

Our Scientific Committee has planned all the programme in such a way where we can share and exchange our knowledge and experiences with each other. Hope this will satisfy the inquisitive minds of our esteemed delegates.

I feel extremely privileged to have getting various encouraging responses and proper guidance from many seniors for which I am thankful to them. I also thank all the persons and organisations for their various direct and indirect help rendered to us.

Hope our academic feast and hospitality will make this CME to you a memorable one. But still I humbly apologies for any lapses which may have crept in due to our ignorance or without our knowledge.

Long Live IAL,  
Long Live Barak Chapter,  
Long Live Deptt. Of Dermatology, SMCH.

Organizing Secretary

## Call From the President of IAL



**Prof. Swapan K Samanta**

Honourable Vice Chancellor Prof. Dasgupta, Principal Madam Prof. Barman, Prof. Gupta & the dignified Families & Authorities of Silchar Medical College, Distinguished Guests, Fellow Members of IMA, IADVL & IAL, beloved Students, Ladies & Gentlemen,

Good Afternoon to all the participants with my warm & cordial Salute to the Great People of Barrak Valley of Kachhar District of Assam, the Sacred Martyrs' Land of *The Historical Revolution of Literature* ("Bhasha Andolan")!

In collaboration with the **Special Interest Group (SIG)** as well as the **Barak chapter of North East India of Indian Association of Dermatologists, Venereologists & Leprologist (IADVL)**, Indian Association of Leprologists (IAL) is holding its Sixth National CME cum Orientation Training of the Session 2015 here at Silchar Medical College, Silchar, Assam on the common topic "Current Scenario of Leprosy in India-What more to add or alter to keep up the Status of Elimination".

As a part of our **Nation wide Journey in preaching the "Updates in Leprosy"** we have chosen one of the medical colleges in each of the states of India. The aim of these CME is to sensitise the young Medicos & Nursing personnel and budding Dermatologists & Surgeons of all the allied subjects of Leprosy as well as the Faculties & General Practitioners of that particular region (being the members of IMA, IADVL etc.) about the current day understanding of the ABC of Leprosy.

The methodology includes **Six to Eight Lectures on prime areas of Leprosy by Leprologists of different discipline** and evaluation of the uptake of knowledge by pre and post CME Follow Up Examinations with Ten Question. The CME is designed to hold once/twice in a month for **Eight academic hours**. During the inaugural session IAL also takes the opportunity to **felicitate the past & present teachers & a few local personality who rendered dedicated and commendable service for the leprosy sufferers**, so as to keep exemplary instances before the participating students to inspire them for the service for the cause of Leprosy.

As a part of our Orientation Training we have allocated **a Sit & Draw Competition** for Under Graduate MBBS & BSc Nursing Students of that particular Medical College on **"Leprosy Sufferer whom he / she had come across"** as well as a **Quiz Competition** for Post Graduate Students of the area with Certificate, Medals, Trophies & Cash Prizes. We are happy to announce that Prof. R N Dutta, our Hony Secretary of IAL is generous enough to carry the burden of all the expense towards these competitions at all the CME all over India,

Here we have furnished the **Provisional Academic Calendar of IAL CME cum Orientation Training Programme** on "Update in Leprosy" for the coming months.

IAL has very limited financial resources to fulfil this task. We **fervently request the support and cooperation of each and every member of IAL as well as Members of Medical fraternity and the people from the other walks of life** to join hand in this endeavour by the following ways:

- (1) Volunteer yourself to **ORGANISE in your Medical College or be a speaker** of the Scientific Session from your own resources (just send a SMS on your desire to organise / participate)
- (2) **Donate / mobilise resources** for funding in organising the CME from any of your satisfied patient, pharmaceutical and benevolent NGO
- (3) **Motivate like minded people** to join in this Mission of Interactive Teaching Exercise
- (4) **Convey this message to your Colleague & Students**
- (5) **Enrol as a New Members in IAL** (Each One Reach One)

IAL Secretariat is now planning to publish a small book of 100 pages entitled "ABC of Leprosy" for distribution amongst the participants of these CME Series as well as to make it available in the market for the UG, PG & Nursing Students as well as Leprosy Health Workers. I earnestly request the pleasure of all Teachers & Researchers in: *leprosy to contribute for this book.*

At the closure we like to pay our sincere acknowledgement to **Indian Council for Medical Research, New Delhi, LEPROSY Cell - Dept. of Health & Family Welfare, Govt. of India & State Leprosy Society and District Leprosy Society of Silchar, Assam- Dept. of Health & Family Welfare, Govt. of Assam, The President & the Members of Assam Medical Council, the Director and staff of Silchar Medical College - Department of Dermatology in Particular, the President & Members of IADVL National as well as Barak Chapter of North Eastern States of IADVL and all the speakers.** We like to acknowledge the great support of all the sponsors for their kind patronage to hold this CME.

No words are enough to **acknowledge the Magnificent Captainship of Prof Bhaskar Gupta & his Team Silchar Derma** for organising this extraordinary CME.

**Hat's off to my beloved colleague Dr. Ashish Dey, Faculty Member of the Dept. of Dermatology of Silchar Medical College, the super dynamic, evergreen & new member of IAL to plan and implement this CME in Barrak Valley region for the first time** Looking forward for a vibrating interactive session **Towards A World Free of Leprosy.**

Once again our earnest appeal "Join in this IAL Mission of Learning Exercise on leprosy: a life time opportunity to prepare the generation next to serve the People Affected with Leprosy (PAL)"

Long Live IAL.  
Jai Hind.

*Swapan K. Samanta.*  
Swapan Samanta

## IAL ACADEMIC CALENDAR (2015)

Sr. No.	Place	State	Venue	Date	Contact Person	Remarks
1	Delhi	Delhi	Any Medical College	Not Fixed	Dr. K S Baghotia, Tel : 08745011341 Email : baghotia@yahoo.com	Planning
2	Silchar	Assam	Govt. Medical College	18th Sep. 2015	Prof. Bhaskar Gupta, Tel : 09435071362 Email : dr_bhaskargupta10@rediffmail.com	Confirmed
3	Sevagram - Wardha	Maharashtra	Mahatma Gandhi Institute of Medical Sciences	2nd Oct. 2015	Prof. Bishan Garg, Tel : 09422141693 Email : gargbs@gmail.com	Confirmed
4	Agra	Uttar Pradesh	S N Medical College, Agra	9th Oct. 2015	Dr. Srikanta Tripathy, Director, CJALMA, Agra Tel : 09258044406 Email : directorjalma@gmail.com	Confirmed
5	Simla/Tanda	Himachal Pradesh	Medical College	Nov. 2015	Prof. Vikram Mahajan Tel : 09418007941 Email : vkm1@rediffmail.com	Planning
6	Agartala	Tripura	Medical College	December 2nd. Week	Prof. Gautam Mazumdar Tel : 09436768470 Email : drgautam2112@yahoo.com	Planning
7	Pune	Maharashtra	King Edward Medical College	4th Dec. 2015	Prof. Atithi Tel : 09969362543 Email : drsiddhichikhalkar@gmail.com	Confirmed
8	Kolkata	West Bengal	S S K M Hospital & IPGMER	Last week of December	Org. Secretary : Dr. Apurba Giri Asstn. Org. Secretary: Dr. Purban Ganguly Tel : 09830558823 Email : drpurban85@gmail.com	Confirmed

## From the Secretary's Desk



**Prof. Dr. Rathindra Nath Dutta**

Greetings from the Indian Association of Leprosy and from Kolkata. We are associated together to fight until the disease is fully eliminated. We are here together to fight against Leprosy, the dreaded disease which had nearly crippled our country. Yet we have fought bravely against it now we are on the verge of elimination. We need to strengthen it in spite of the apathy towards the disease from all aspects. Nowadays the curriculum has lesser stress, thus new medicos have lesser knowledge. Thus we have to increase our activities to sensitize the medical faculties and the general population. Treatment of course is the prerogative of the government, where we do compliment with them.

To make ours a leprosy free country we from IAL have to –

1. Conduct seminars/training sessions amongst medical students to redessiminate the knowledge of this disease.
2. To encourage the faculty of all other related departments, to hold seminars and training sessions on leprosy, its complications and rehabilitation.
3. To give short term training to medical practitioners so that they can diagnose the disease properly and to direct them to the government hospitals/centres (as it is for free), to monitor their progress and to counsel them appropriately from time to time.

The IAL Nation wide drive to organise at least one CME cum Orientation on Update in Leprosy in each of the states of India in one of the Medical Colleges by the kind organisation of the Dept of Dermatology of that particular Medical College with the kind collaboration & support from Special Interest Group of Leprosy, IADVL & different ILEP Agencies as well as benevolent personalities.

This is being done pan India and the Silchar Training Program Seventh on the line, the others were :

WEST BENGAL 30th January North Bengal Medical College	Prof. (Dr.) Rudra Nath Bhattacharya, MLA, C'man, Health Subject Committee, Govt. of West Bengal
UTTAR PRASESH 22nd March Inst of Medical Sciences, BHU, Varanasi	Professor S.S. Pandey, MD, MNAMS & Dr. Satyendra Kumar Singh HOD, of Dermatology and Venereology Institute of Medical Sciences Banaras Hindu University Varanasi-221005
ANDHRA PRASESH 11TH & 12th April Medical College, Hyderabad	MID TERM CONFERENCE Dr. P V NarsimhaRaom MD HOD Dept. of Dermatology, Venereology & Leprology
ODISHA 8th May SCB Medical College Cuttack	Prof. P Mohanti & Dr ManasRanjanPuhan MD, Skin & VD HOD, Dermatology, Venereology & Leprology
TAMILNADU 19th JUNE Rajah Muthia Medical College, Chidambaram	Prof. PVS Prasad, MD Principal & Dean
PUNJAB 25th. July, Saturday, 2015 at Dept of Dermatology, CMC, Ludhiana,	Prof. M. Z. Mani HOD, Dermatology

Membership has increased. The association has been rejuvenated. Our President of IAL Dr. Swapan Samanta is leaving no stone unturned to take forward the aims and objectives of our Association. Your participation, in whatever way you can, will contribute to a better India, for us and our children. We would like to coordinate with government of and strengthen our fight against leprosy, to make India leprosy free. Only then may our fight against this dreaded and socially stigmatized disease come to an end.

  
Prof. R. N. Dutta



# INDIAN ASSOCIATION OF LEPROLOGIST (IAL)

## 6th National CME cum Orientation on Leprosy

Date : 18th September, Friday, 2015

Venue : Dept of Dermatology,  
Silchar Medical College, Silchar, Assam

### PROGRAMME

#### Organised by

- Indian Association of Leprologists (IAL)
- Deptt. of Dermatology, Silchar Medical College
- Special Interest Group on Leprosy, IADVL
- Barak Chapter NE States Branch of IADVL

#### REGISTRATION (8.00 AM onwards )

#### (Session : I) (8.00 AM to 8.30 AM)

Sit and Draw Competition for Under Graduate Students (Medal & Certificates for each of the participants and Cash Prizes, Trophy & Certificates for first three winners) on

*" A leprosy patient whom I have seen "*

Convenor : Dr. Arup Paul, Silchar Medical College

Co ordinator : Dr. Ashis Dey, Silchar Medical College

#### (Session : II) (8.30 AM to 9.00AM)

#### Quiz Competition for Post Graduate Students

Chairman : Dr. Bhaskar Gupta

Co Chairman : Dr. Debajit Das

Moderator : Dr. Angshuman Bhattacharjee

Rapporteur: Dr. Rimjhim Saha

Quiz on Update in Leprosy for the Post Graduates (Medal & Certificates for every participant, Cash Prizes, Trophy & Certificate for first three winners)

Quiz Master : Dr. Ashis Dey

#### Session III (9.00AM to 11.30 AM)

Chairman : Dr. Debashis Dutta

Co Chairman : Dr. Maushumi Biswas

Moderator : Dr. Atanu Chakraborty

#### Speakers :

Epidemiology : Dr. Srikanth Tripathy (Agra) (1hr)

Pathology : (30m)

Immunology : Dr. Utpal Sengupta (New Delhi) (1hr)

#### Session IV (11.30AM to 2.00PM)

Chairman : Dr. Sujit Kr. Bhattacharjee

Co Chairman : Dr. Ruma Das

Moderator : Dr. Nirupam Chakraborty

Rapporteur: Dr. Angshuman Bhattacharjee

#### Speakers :

Clinical Features (Skin Manifestation) : Prof. RN Dutta(Kolkata) (1hr)

Reaction in Leprosy : Prof. Bhaskar Gupta, Silchar Medical College (1hr)

ENT Complications : Dr. Smriti Dutta Silchar Medical College (30mins)

**Inaugural Session : (2.00PM to 3.00PM)**

**Invocation :** Song by Students of Silchar Medical College  
Inauguration by *Lightening the Lamp* by Vice Chancellor,  
Assam University, Silchar

**Chief Guest :** VC Assam University, Silchar

**Guest of Honour :** Principal, Silchar Medical College, Silchar

**Special Guests :** President, NE States Branch of IADVL

**Jt. Director of Health, Cachar  
District Leprosy Officer, Cachar**

- (i) IAL Felicitation to Eminent Personalities of Assam rendering Community Leprosy Care Activities in this state
- (ii) Theme address by Prof. Rathindra Nath Datta (Hony Secy, IAL) on " Community Health Care for the Leprosy Sufferers in India : What more to do to keep up the status of elimination" (20mins)
- (iii) Cordial Acknowledgement to
  - Principal, Silchar Medical College
  - Medical Superintendent, Silchar Medical College
  - President, NE States Branch of Indian Association of Dermatologists Venereologists & Leprologists (IADVL)

**Session V : (3.00 PM to 6.00 PM)**

(A Special Gift of Shantiniketan from IAL President to Each of the Attending Registered Delegates at the end of the Session)

**Chairman :** Prof. Amitava Ghose

**Co Chairman :** Prof. A. K. Dawlagapu

**Moderator :** Dr. Dwijen Das

**Rapporteur :** Dr. Joydeep Roy

**Speakers**

1. **Ocular Complications :**  
Prof. S. K. Samanta (30mins)
2. **Medical Management of Complication :**  
Dr. Shyamanta Barua (AMCH, Dibrugarh) (1hr)
3. **Surgical Management of Complication :**  
Prof. Rup Narayan Bhattacharya (Kolkata) (1hr)
4. **Rehabilitation in Leprosy :**  
Dr. Geetanjali Saha (Kolkata) (1hr)

Valedictory Session with Prize Distribution (6.00PM to 6.30PM)

**Concluding Remarks by Organising Secretary  
Prize Distribution for " Sit & Draw " & "Quiz" Competition  
Thanks Giving Ceremony**

**Registration Fee ( To be collected in cash during Registration ) :**

Under Graduate MBBS & BSc Nursing Students: Complimentary

Post Graduate Trainee of all discipline & M.Sc. Nursing Students : Rs. 200.00

All other Delegates ( Except Inaugurator, Chief Guest, Guest of Honour & Special Guests ) : Rs. 300.00

There will be concurrent arrangement of food (TEA, Coffee, Snacks, Lunch & Cold drinks at the food court round the clock)

## ABOUT THE CHAIRPERSON, MODERATORS AND SPEAKERS WITH THEIR ABSTRACTS



### Prof. Dr. Rathindra Nath Dutta

Prof. Dr. Rathindra Nath Dutta hails from and passed Senior Cambridge (ISC) from Loyola School in the Steel City of Jamshedpur. After MBBS from CNMC Kolkata and MD in Dermatology from PMCH Patna, his government stint took him to Canning Rural Hospital, then to Sadar Hospital Purulia. He joined MES as assistant Professor at CNMC, later transferred to IPGMER and SSKM Hospital from where he worked as Professor and HOD and retired in 2010.

During his tenure, he was the CHAIRMAN, Post Graduate Academic Council, re organized and fully upgraded the Department with space staff and interiors and also introduced 5 MD

(Dermatology) seats, in IPGMER, Kolkata, of IPGME&R.

He was the Coordinator, Course Committee of Calcutta University, later, the Convenor, Board of Studies in West Bengal University of Health Sciences, Post Graduate Examiner of 7 Universities, published papers in many leading very high impact international Journals and is a Peer Reviewer of JIADVL, JIASSTD, IJD, JIMA.

Presently Prof. R. N. Dutta is the National President: IASSTD & AIDS; National Secretary: Indian Association of Leprosy; President: Eastern India Cosmetic Dermatology Research Academy; Chairperson, Eastern India Dermatotomy and Cosmetic Dermatology Workshop

He was the Past National Vice President: IADVL; Past President: IADVL, WB etc.

Prof. R. N. Dutta is presently attached to Columbia Asia Hospital and regularly conducts training programmes on Leprosy and Dermatological disorders.

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### Dr. Bhaskar Gupta.

Prof. & Head, Department Of Dermatology Silchar Medical College & Hospital, Silchar

Done MBBS from Silchar Medical College in 1989. He completed MD Dermatology, Venorology & Lerology from Guwahati Medical College in the year 1995. Then soon after that he joined Silchar Medical College as Resident Physician in 1995 and subsequently promoted to Professor of Dermatology, Venorology & Lerology in Silchar

Medical College in the year 2013.

He has 08 nos of publication in his credit and he is now also a MCI assessor in Dermatology, Venorology & Lerology.

### Reaction in Leprosy

*The term reaction is used to describe the appearance of symptoms and sign of acute inflammation in lesions of patients with Leprosy. Reactions may occur in any type of Leprosy except the indeterminate type. Reaction is important in the sense that if it is not treated promptly and adequately, it can result in permanent nerve damage, deformity and disability.*

**Types** There are three types of reactions: - a. Type I Reactions. b. Type II reactions. c. Lucio Phenomenon. Type I Reaction may be upgrading or reversal reaction or downgrading reactions. Type I Reaction is an example of delayed hypersensitivity reaction (Type iv hypersensitivity reaction of Coombs & Gel Type iv). Type I reaction usually seen in Borderline Leprosy & rarely in subpolar Lepromatous Leprosy clinically manifested by erythema & swelling of some or all the Leprosy skin lesions. New lesions may appear. There may be oedema of extrimities & neuritis. If type I reactions are not treated properly it can

result in permanent nerve damage like nerve paralysis.

Type I reactions usually seen within 6 months of starting MDT therapy but may occur later on in downgrading reactions. Treatment of Type I reaction in systemic corticosteroid & care of the affected nerves.

Type II reactions is an example of immune complex syndrome (Type III hypersensitivity reaction of Combs & Gel) usually seen in Lepromatous Leprosy (LLp & LLs) and occasionally in BL. Patient may present with any of the following like multiple small erythematous papules & nodules, bilaterally symmetrical in nature & affecting the extremities & trunk and usually appears as crops and stay for few day to week and disappear & subsequently new crops may come. Type II reactions usually associated with neuretus & systemic manifestation like fever, bodyache & arthralgia. In some cases ENL, lesions may become vesicular or bullous & ulcerate called Erythema Necroticans. Type II reaction usually occurs after 6 months of starting MDT. Some times it may be the initial presentation in some patient.

Treatment of type II reactions in systemic thalidomide. Systemic Cortical steroid can also be used if Thalidomide is not available.

#### **Lucio Phenomenon:**

This type of reaction confined to the diffuse non-modular form of LL and is usually seen in Maxican people. Lucio phenomenon is associated with necrosis of arterioles whose endothelium is massively infiltrated by M. Leprae.

It is usually seen in untreated cases. They present with painful & tender red patches over the skin of the extremities. They become purpuric. The centre of the purpuric lesions become necrotic & ulcerate & finally develop a brown on black crust which fall off after few days leaving behind atropic scar. Treatment of choice is Systemic Steroid, Depsone & Refiampicin.

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#### **Prof. Swapan Samanta**

Dr. Swapan K Samanta has attained MBBS (Hons with University Silver Medal from North Bengal University in 1976), MS in Ophthalmology (Calcutta University, 1981), Certificate Course in Community Eye Health (International Centre for Eye Health, London in 1995). Through his career for the last 36 years since 1979, he had engaged himself in Academic (Research), Clinical & Operational Aspect of Community Ophthalmology & Ocular leprosy around SAARC Countries. At present he is the Professor of Ophthalmology at Burdwan Medical College, West Bengal.

He was the invited teaching faculty (on Ocular Leprosy) at International Centre for Advancement in Rural Eye Care, LVPrasad Eye Institute, Hyderabad and Guest Lecturer on Ocular Leprosy at numerous places including Munich University Eye Hospital, Munich, Germany.

Dr. Samanta is the founder Honorary Secretary of Indian Alumni Group of ICEH, London (Indian Alumni Group of International Centre for Eye Health) from 2000 to 2009 - then Honorary General Secretary, Indian Association of Community Ophthalmology (now known as Association of Community Ophthalmologists of India) from its inception in 2009 till date.

He is the President of Indian Association of Leprologists (IAL) (2014 -) following **Hon. Secretary, IAL for three terms of two years each session (2004-2005 & 2007 -2011) & Vice President of IAL (2011-2014) & Deputy Secretary General of SAARC Academy of Ophthalmology.**

He was the Co Chairman of the Session on Ocular Leprosy at Asian Leprosy Congress at Agra (2002). He had convened the symposium on "Prevention of Blindness in Leprosy in Africa" at African Leprosy Congress in Johannesburg, South Africa (February, 2005) & organized a Teaching session on Ocular Leprosy at the 17<sup>th</sup>.

**International Leprosy Congress in Hyderabad, Andhra Pradesh in 2008.**

Prof. Samanta is the recipient of Dr. EV Srinivasan Gold Medal (All India Ophthalmological Society) in 2000,

Dr. P N Avasthi Memorial Oration Award (2008) (Uttar Pradesh State Ophthalmological Society), UKSOS Gold Medal (2010) (UKSOS i.e. Uttarakhand State Ophthalmological Society), First Dr. Alim Chowdhury Award (2014) (Bangladesh Community Ophthalmological Society), Dr. R C Meher Oration (2015) (Eastern India Zonal Ophthalmic Congress), APAO Outstanding Service in Prevention of Blindness Award 2015 (Asia Pacific Academy of Ophthalmology)

### Ocular Complications of Leprosy (Ocular Leprosy)

Ocular Complication of leprosy can arise following Reversal Reaction or ENL Reaction or by direct invasion of ocular tissue by *Lepra Bacilli*. The major ocular sight threatening lesions on leprosy include Lagophthalmos, Corneal hyposthesis with exposure keratitis, uveitis and complicated cataract. As leprosy is not a killing disease senile cataract is found amongst leprosy sufferers as an ageing process. Following the advent and time bound effective management of Leprosy by Multi Drug Treatment, ocular leprosy is in decline nowadays. Still there are cases with Lagophthalmos with its complications which requires constant supervision and proper management. However Cataract Surgery with Intra Ocular Lens Implantation for Senile Cataract (! even Complicated) amongst After Care Leprosy Sufferers are done in all hospitals with good visual recovery

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### Dr. U. Sengupta

M.V.Sc., PhD (Path), FAMS, FNASc. Dr. Utpal Sengupta graduated from the Bengal Veterinary College, Calcutta in 1963 and obtained his Masters Degree in Veterinary Pathology in 1966 from Indian Veterinary Research Institute, Izatnagar (UP). Later in 1973 he obtained PhD in Pathology from The Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh. After lectureship at PGIMER he went for his Postdoctoral research under Dr. R.J.W. Rees for 2 years at the National Institute of Medical Research (NIMR), London. He later joined JALMA (ICMR) in 1976 as a Senior Research Fellow and established the Department of Immunology. He was Director of JALMA from 1995 to 2001 and worked as an Emeritus Scientist for 5 years at JALMA after retirement. Later he worked as Laboratory Manager with the National Institute of Medical Statistics (ICMR) in a Bill and Melinda Gates Funded Project on AIDS for 5 years. At present he is working as a Consultant to The Leprosy Mission Trust, India. He visited several countries like U.K., USA, The Netherlands, Sweden, Japan and China either as an expert or as a visiting scientist. He has worked as an external examiner for 17 Universities in India. He has also worked as visiting professor for Universities of PGIMER, JIPMER, Jammu, Jiwaji and Amity.

He is a Fellow of National Science Academy and Academy of Medical Sciences.

He has been awarded with various awards and Fellowships: Young Scientist's Award by the National Academy of Medical Sciences in 1972; Erwin Stindl Memorial Oration Award in the year 1987; JALMA Trust Fund Oration Award and Gold Medal of 1989 and Gold medal and certificate from Indian Society of Immunology in 1999. He has published 205 articles in peer reviewed journals including Nature, JID, JCM, Microbes & Infection. Seventeen research papers have been published in the last 5 years.

He had been/is a Member/Chairman of various Scientific Bodies in the country and abroad.

**Community Based Rehabilitation in Leprosy Consultant, Stanley Browne Laboratory, The Leprosy Mission, Shahdara New Delhi 110093**

#### Objective:

Leprosy or Hansen's disease is a chronic infectious disease caused by *Mycobacterium leprae* usually affects skin, mucous membranes and peripheral nerves. In advanced stages it can affect muscles, eyes, bones, testes and other internal organs also. Leprosy is manifested clinically in a spectrum according to the immune status of the host having two polar ends, at one end, the highly resistant pole, tuberculoid type (TT) and at the other, a susceptible

pole, lepromatous (LL) type. Between these polar ends there are forms like borderline tuberculoid (BT), borderline borderline (BB) and borderline lepromatous (BL). There are various other clinical manifestations which are not covered under this spectrum and these are indeterminate (I), pure neuritic (N), histoid, lucio (diffuse LL) and lazarine types of leprosy. Recently, diffuse LL (Lucio leprosy) which has been described frequently from Mexico has been found to be caused by *Mycobacterium lepromatosis* with significant genetic differences having 2.1% divergence in the 16S ribosomal RNA (rRNA) gene from *M. leprae*.

Innate immunity is expressed by the cells (macrophages) and fluids (complement) of the immune system. *M. leprae* being an obligatory parasite has a predilection for macrophages, in which it grows when the specific CMI is lowered. It has been shown that the receptors of complement CR1, CR3 and CR4 are involved in phagocytosis of *M. leprae*. Activation of complement 3 by PGL-1, cell wall component of *M. leprae* has been reported. Natural resistance associates macrophage protein 1 (NRAMP1), an iron transporter protein, associated with macrophage function in mice has been responsible for viability and multiplication of pathogen in mice. An equivalent homologue in human chromosome 2q35 study showed segregation of NRAMP1 haplotypes in affected siblings in 16 families of Vietnam but not in families in China. In India, no association with NRAMP1 has been noted. Recently, gene (PARK2/PACRC), associated with early precipitation of Parkinson's disease, has been reported to be associated with susceptibility in Vietnamese and Brazilian population<sup>10</sup> and also later showed in Indian population.

Acquired immunity is mainly expressed after entry of bacilli in the host. At the tuberculoid end of the spectrum cell mediated immunity (CMI) exhibited by T cells is a predominant expression which gets gradually diminished as the host downgrades in the spectrum (from TT through LL) and ends up at the lepromatous pole. Antibody response on the other hand, increases gradually from TT pole through LL pole. During these manifestation several functions of a variety of T cells have been documented. Further the T cell and B cell response have also been worked out during Type 1 and Type 2 reactions in leprosy. The interplay of the immune cells and their functions will be resented.

#### **Vaccine for Leprosy**

For selection of a candidate vaccine the following criteria should be fulfilled:

- (i) It should be able to convert a Lepromin negative individual and lepromatous leprosy patient to Lepromin positive one.
- (ii) It should protect mice from *M. leprae* growth in mouse foot pad.
- (iii) It should be able to revert back the immune status lepromatous patient towards tuberculoid pole.

Using these criteria the following candidate vaccines were selected and human trials were conducted. These candidate vaccines were: (i) BCG, *M. leprae*, ICRC, M.w (*M. indicus pranii*), *M. vaccae*.

Further, trials were conducted using BCG, BCG+*M. leprae*, ICRC, *M. indicus pranii*, *M. vaccae* and *M. vaccae* + BCG. However, none of these were able to protect more than 60% of the population.

Recently, after a thorough search from the *M. leprae* genome, several *M. leprae* proteins were identified which are able to stimulate a T cell response inducing IFN- $\gamma$  response in a population. This candidate vaccine which is a combination several proteins has been named as Subunit Vaccine. This vaccine was able to protect mice from mouse foot pad growth of *M. leprae* and also was able to protect armadillos. This vaccine has now got the approval from FDA for human trial.

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#### **Dr. Srikant Tripathy MD**

Dr. Tripathy a physician trained at the Madras Medical College in Chennai. He is with the Indian Council of Medical Research (ICMR) since 1986 and have been involved with research involving (1) TB in HIV infected individuals (2) HIV Drug Resistance related studies (3) Drug Resistance in leprosy. Currently, At present Dr. Tripathy holding position of Director, National JALMA Institute of Leprosy and Other Mycobacterial Diseases at Agra, UP and have been associated with clinical and laboratory research related to leprosy, tuberculosis and HIV.

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**Dr. Shyamanta Barua** MBBS, MD (Dermatology) Assistant Professor, Department of Dermatology, Assam Medical College & Hospital, Dibrugarh – 786002

**Professional Achievements:**

Dr. L. N. Sinha Memorial Award for Best Young Dermatologist at DERMACON 2015 (Mangalore) Recipient of ILDS Scholarships, Fellowships and Awards at various state and zonal fora. More than 60 presentations/publications in national and international conferences/journals/books. Editorial Board member of two and Reviewer of seven national/international Dermatology journals

**National IADVL**

Advisor, IADVL Academy of Dermatology (2014 onwards). Member, Constitution Committee & ITATSA (2014 onwards) and Central Council (2012 onwards). Member, IADVL SIG Psoriasis (2015 onwards), Dermatosurgery (2014 onwards), Pemphigus (2010-14), Leprosy (2011-13) and Occupational Dermatology (2010-12). Convener, IADVL Academy of Dermatology (2011-13). Scientific Coordinator, DERMACON 2013 (Ahmedabad) and 42<sup>nd</sup> National Conference of IADVL (New Delhi, 2013)

**State IADVL**

Scientific Secretary, Silver Jubilee Conference of IADVL NE States Branch (Kaziranga, 2014). Scientific Chairperson, CUTICON NE States 2011 (Itanagar). Secretary, IADVL NE States Branch (2008-10). Organising Secretary, CUTICON NE States 2007 (Dibrugarh, 2007). Joint Secretary, IADVL NE States Branch (2006-07)

**Others**

Honorary General Secretary, Association of Cutaneous Surgeons (I) (2013-15). Founder Executive Committee Member, Community Dermatology Society (2014 onwards). Founder Joint Secretary, Pigmentary Disorders Society (2012 onwards)

**MEDICAL MANAGEMENT OF COMPLICATIONS OF LEPROSY**

*Reactions and nerve function impairment are the foremost complications of leprosy. Their early detection is of paramount importance in reducing deformities and disabilities. Concurrently, precise and adequate therapy with appropriate drug regimens also play a major role in reducing morbidity of the disease and ameliorating the quality of life of patients. Management also entails redressing the psychosocial complications of the stigmatized condition.*

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**Dr. Smriti Rupa Bora Dutta** Assistant Professor Department of Otorhinolaryngology Silchar Medical College and Hospital.

**Complications of Leprosy encountered in Otorhinolaryngology practice**

*Leprosy is a disease associated with dreaded complications. Early diagnosis and treatment by adopting a multidisciplinary approach is pertinent to avoid complications. In case of complications, treatment should be directed to minimize the disability and to restore the patient's social function.*

*An attempt has been made to highlight the Otorhinolaryngological presentation (Clinical features and Complications) of Hansen's disease and an approach to the management of such complications. A sound understanding of the clinical features with a high index of suspicion of Hansen's is very important for an early diagnosis.*

*The commonest signs and symptoms of Hansen's disease in ENT practice are those related to the nose, especially nasal obstruction, crusting and hyposaesthesia. In ear, otorrhea, deafness, nodules; in pharynx, dysphagia, pain, ulcers are common clinical presentation. Involvement of larynx is less common, however if it occurs, it usually warrants prompt management as the upper airway becomes gravely compromised.*

*Lepromatous type of leprosy presents the highest rates of alterations.*

As an ENT surgeon, constant challenges are met for reconstruction of nasal deformity (saddle nose, septal perforation). Also regarding corrective surgeries for facial deviation; several procedures have been adopted and improved over time for disability limitation, to obtain maximum function and cosmesis. One rare but grave complication is extension of lesions to the larynx, which might require immediate airway management by Tracheostomy.

Keywords:

Leprosy, Otorhinolaryngology, clinical presentation, complications, corrective surgeries, disability limitation



### **Prof. Rupnarayan Bhattacharya**

MS, DNB, MCh ( Plastic Surgery)  
Professor & Head  
Department of Plastic Surgery  
R G kar Medical College, Kolkata



**Dr. Gitanjali Saha** has been working for Greater Calcutta Leprosy Treatment & Health Education Scheme since 1990 with the intention to render services to the leprosy affected persons after she finished her M.B.B.S from Guwahati Medical College & Hospital in the year 1988.

She took over the responsibility of this organization as Director & Secretary in the year 2003 and continues its initiatives for eradication of leprosy from the state. The organization organized National Workshop on "World without Leprosy" in the year 2008 and 2011 under her

leadership.

Dr. Gitanjali Saha conducted operational research in the districts of West Bengal under Indian Council of Medical Research, Govt. of India, New Delhi. She also presented paper in National and International Congress on Leprosy.

### **Community Based Rehabilitation in Leprosy**

#### **Objective:**

- ❖ To remove stigma and discrimination against leprosy affected persons by changing perception and practices (KAP) of the general population towards leprosy.
- ❖ To change the image of the disease by early detection and treatment of leprosy affected persons and immediate management of neuritis to prevent impairment & deformity and comprehensive care.
- ❖ To regain self esteem and social integration of leprosy affected persons in the society through correction of physical, social and psychological status of the patient and It involves capacity building of disabled people and their families in the context of their community and culture.

#### **Introduction:**

- ❖ Leprosy is the oldest disease known to man.
- ❖ Since then the disease has been linked with stigma as the disease causing disfigurement and disability most often.
- ❖ Drastic reduction of disease burden with the introduction of MDT in the year 1983 under National Leprosy Eradication Program.
- ❖ Prevalence of leprosy comes down from 57.6/10,000 in March, 1981 to 2.44 in March, 2004.

#### **Present Scenario :**

- ❖ India achieved the goal of elimination in December, 2005 (PR 0.95/10,000 population).
- ❖ At present the prevalence rate is 0.68/10,000 population in national level.
- ❖ ANCDR is also reduced
- ❖ A total of 5256 Grade II deformity detected amongst the new cases during 2013-14.



- ❖ A total of 12043 child cases were detected and showing reduction of PR than previous year.

#### **Role of GRECALTES in NLEP**

- ❖ GRECALTES was established in the year 1975.
- ❖ Since then the organization under NLEP detected and treated more than 12,000 leprosy affected persons.
- ❖ Among them 736 patients were suffering from disability.
- ❖ Training Centre to train Para Medical Workers for Leprosy.
- ❖ Ulcer care / physio care given to all disabled patients.
- ❖ Awareness generation among general population to change the perception and practices towards leprosy.  
Socio Economic Rehabilitation.  
Research under ICMR, Govt. of India, New Delhi.

#### **Socio Economic Rehabilitation :**

- ❖ GRECALTES started SER Program in the year 1991 to make Leprosy Afflicted Persons economically and socially self reliant.
- ❖ We provide interest free refundable loan for community based small scale business.
- ❖ Educational assistance to leprosy affected students/ children of leprosy affected persons.
- ❖ Vocational Training. Interest Free Loan to start different type of Community Based small scale business:
- ❖ Tailoring, Fruit Vending, Garment, Plastic Item, Shoe Shop, Cycle Rickshaw and Van, Tea Stall, Vegetable Selling, Fish Stall, Paper Packet Making, Poultry, Fast Food, Cosmetic Shop, Pan Shop, Mobile Phone Repairing Shop, Piggery, Electric Goods Shop, Meat Seller, Painting Shop.

**Vocational Training Centre:** Established in the year 2005 to train leprosy affected women in tailoring. So far we have trained more than 45 women and donated 10 sewing machine.

#### **Constrains :**

- ❖ Report of Research conducted by GRECALTES in high & low endemic districts of W.B. under ICMR, New Delhi showing
  - I. Stigma is still prevailing in our community more in low endemic districts.
  - II. Knowledge gap is present among respondents of all the districts.
  - III. Childhood leprosy is a neglected issue in the program.
  - IV. Under diagnosis or over diagnosis due to lack of experienced manpower.

**Conclusion:** 'Community based Rehabilitation of the disabled persons' is a necessary attempt of the society to prepare and equip all leprosy affected persons to lead a meaningful life and to resist 'dehabilitation'.

Email: grecaltes@gmail.com

## Rules and Regulations regarding Membership of Indian Association of Leprologists

1. Membership : The Association shall consist of foundation Member whose names are on the Register of member of the Association at the time when these regulation come into operation and of subsequent members who shall be those person, who being eligible, shall after the date of organisation of the Association be duly elected in such manner and upon such condition as may be prescribed from time to time by the rules and bye-laws.
2. Register of Member : a register of all the members of the Association shall be maintained by the Honorary Secretary at the office in which the names, qualifications and address of all members shall be entered.
3. Eligibility of Members : (a) Ordinary Member : Medical practitioners possessing qualifications registerable under the Indian Medical Council Act of 1956, vide First, second and third schedule of the Indian Medical Council Act, 1956 and who are engaged or interested in Leprosy work, are eligible for Ordinary Membership of the Association.  
Anybody possessing a master degree in science of a recognized institute or university and five years or more of active involvement in leprosy or anybody with a doctorate degree in science who has done research work in leprosy for 3 years or more will be eligible for Ordinary Membership of the Indian Association of Leprologists.  
(b) Associate Member : Medical practitioners possessing qualifications registerable with any of the State Medical Council Faculty or Board in India, and engaged in leprosy work for a period of not less than 2 years, may be elected Associate Member of the Association on the recommendation of the Managing Meeting of the Association (Central Council).  
Member of the Faculty of basic Science other than Medical and Clinical Subject who are engaged in full time leprosy work shall also be eligible if they possess post-graduate university degree.  
(c) Life Member : Member eligible for Ordinary or Associate Membership may become life member on payment of a lump sum in lieu of yearly subscription.  
(d) Honorary Member : Medical Person who have rendered conspicuous service to the Association or have contribute to the advancement of knowledge in leprosy may be elected Honorary Members. They will be considered as Life Members.  
(e) Medical practitioner of neighbouring countries like Pakistan, Burma, Malaya, China, Indonesia, Japan and Philippines etc. Who are registered in Medical Council equivalent to that of Indian Medical Council and engaged or interested in leprosy work may become Ordinary or Associate Members on approval.
4. Election and Enrollment of Member :  
(a) Ordinary Member, Associate Member and Life Member  
Anyone desiring to become a member and possessing necessary qualification as stated under rule 4 above, shall apply in the prescribed form to the Secretary of the Association. On receipt of an application, the Secretary should scrutinize the name and qualifications, and place it before the Central Council, if necessary by circulation for acceptance or otherwise. No reason shall be given to the applicant for refusal and the matter shall be kept strictly confidential.  
(b) Honorary Member : Shall be proposed by at least 12 Member of the Association or five member of the candidates for honour shall be set forth by the proposers. The election shall taken place at a meeting of the central council, voting being done by ballot. No discussion shall be permitted on the merits of the person proposed. The person shall be considered elected, if two-third of the members present vote in his or her favour, When a meeting of the Central Council is not feasible, the members may be elected by a circulating proposition with the unanimous approval of the Central Council, such members shall continue as Honorary Member for life.  
(c) Branch Members : Any eligible person desirous of joining a Branch of the Association shall apply to the Secretary of the nearest branch in the prescribed form duly Proposed and Seconded by two ordinary Member of the Association. In Case a member is elected through a branch, the branch shall inform the Central Council together with the prescribed contribution.
5. Subscribers : (a) Life Member : Shall pay Rs. 2000.00 in one lump-sum. Associate Life Members shall pay Rs. 1500.00 in one lump sum. Foreign Life Members shall Pay 100 dollar or equivalent in one lump-sum.  
(b) Ordinary Members : Shall Pay Rs. 200.00 per annum (c) Associate Members : shall pay Rs. 150.00 per annum  
(d) Honorary Members : shall not pay any Subscription The Life Membership Subscription will be payable in favour of "Indian Association of Leprologists" on the following details  
**Name of the A/C : INDIAN ASSOCIATION OF LEPROLOGISTS, Type of A/C: SAVINGS, A/C No : 30545869466, CIF No:85361146708, IFSC :SBIIN0008745, Name of the Bank: STATE BANK OF INDIA, Name of the Branch : Tamluk Railway Station, Bank Address : Salgechia, Tamluk, Purva Medinipore, West Bengal, PIN : 721636, Tel : 03228 266297, Email : sbi.08745@sbi.co.in, BRANCH Code No: 8745**
6. The Financial Year : The Financial of the Association shall be from 1<sup>st</sup> April to March of the following year The branches shall conform to this Rules.
7. Payment of Subscriptions : (a) Membership fees for a year shall be paid in advance before the end of march of the proceeding year.  
(b) Those Whose subscription remain in arrears for more than three months in spite of a notice, shall be deprived of their right to vote and to have the Journal "Indian Journal of Leprosy". If a Member is in arrears for 6 months or more and does not reply even after three notices for Subscriptions, his Membership shall cease automatically.  
If there is an interruption in the payment of subscription by any members and if they want to continue their membership they should pay up the arrears of subscription for the whole period, irrespective of the duration of interruption. They are not eligible for fresh membership once again.  
(c) A member may, at any time, retire from the Association by sending his resignation in writing to the Managing Committee (Central Council) of the branch after payment of all subscription (if any) due from including that for the current year.  
(d) Subscription from Branches : Branches when formed, should collect their own subscription, the Central organisation will continue to receive their subscription from the member as before.



## INDIAN ASSOCIATION OF LEPROLOGISTS

(Registered under the Societies Registration Act XXI of 1860)  
Established in 1950

Founder President : Dr. Dharmendra

### CENTRAL COUNCIL 2014-2016

#### President :

Prof. Swapan K. Samanta, MS, CCEH  
Department of Ophthalmology,  
Burdwan Medical College, Burdwan, W.B  
Mobile : 09434023759  
E-mail : swapansamanta53@gmail.com

#### Vice President :

(Miss) Keshar Kunja Mohanty  
National Central Jalma Institute  
for Leprosy  
Tajganj, Agra-282001, U.P.  
E-mail : keshar3@yahoo.com

#### Dr. Sunil Dogra

Assoc. Professor,  
Department of Dermatology  
PGI Chandigarh, Punjab  
E-mail : sundogra@hotmail.com

#### Secretary :

Prof. Rathindra Nath Dutta  
Resd. HOD Dermatology & STD  
IPGIMER  
Resd. BK 132, Salt Lake City,  
Kolkata-700 091, Mobile : 09433006225  
Email : r\_n\_dutta@rediffmail.com

#### Treasurer :

Prof. Nepal Ch. Mahapatra, M.D.  
HOD, Paediatric Medicine  
Maidan Medical College, Maidah, W.B.  
Resd. : Mahada, Daman Hat,  
Purba Medinipur  
Mobile : 09531504041

#### Central Council Member :

Dr. G. C. Saha  
Dr. V. V. Pai  
Dr. M. A. Rajan  
Dr. Gitaraj Saha  
Dr. Chandra Sekhar Sosalie  
Dr. P. K. B. Pathyayek  
Dr. Sajoy Suneeitha  
Dr. Mani Muzhi  
Dr. Om Prakash Chowrasha  
Dr. Jerry Joshua  
Dr. K. Venkateshan  
Dr. D. S. Choudhan  
Dr. S. Tripathy  
Dr. Raj Kamal  
Dr. Deepa Bhaht

#### Immediate Past President :

Dr (Mrs) Kiran Katoch  
Mobile : 09412262721  
e-mail : kirankatoch@rediffmail.com

#### Chairman : Award Sub Committee :

Dr. S. K. Noordeen, MD  
Mobile : 09840059229  
e-mail : noordeen@eth.net

To  
The Member  
Indian Association of Leprologists

Date : 2<sup>nd</sup> July, 2015

Sub : Annual General Body Meeting of Indian Association of Leprologists  
at S. N. Medical College, Agra, Uttar Pradesh on 9<sup>th</sup> October, 2015.

Dear Colleague

Greetings from IAL Secretariat.

1. I am to inform you that the Annual General Body Meeting of the Indian Association of Leprologists will be held at S N Medical College, Agra, Uttar Pradesh on 09<sup>th</sup> October, 2015 at 8.00AM. You are kindly requested to make it convenient to attend the meeting.

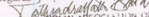
2. I here by enclose the Souvenir of our last CME (Fifth National CME) held at Cristian Mdical College, Ludhiana, Punjab on 25<sup>th</sup> July, 2015.

Last but not least, I request you please send your suggestion to improve the functioning of the Society and look forward to your cooperation and guidance at every step.

With best wishes.

Looking forward to see you in Agra.

Regards,

  
INDIAN ASSOCIATION OF LEPROLOGISTS

Prof. (Dr.) Rathindra Nath Dutta

Hony. General Secretary  
Indian Association of Leprologists

#### Agenda

1. Resolution to be adopted :

"Earlier only hard copies were considered as legal and valid mode of communication between the office of Indian Association of Leprologists (IAL) and its Members. With the passage of time and the progress made by electronic technology over the years, it has been decided by the Indian Association of Leprologists to bring in a change which is the dire need of the hour. The Proposed change is entail that henceforth Emails, SMS and any other documentable electronic mode of communication would be considered as valid and legal mode of communication between the office of the Indian Association of Leprologists (IAL) and its Members"

2. Resolution to be adopted :

" If any Central Council Member of IAL ( except the Past Presidents) is found to be absent in three successive Central Council Meetings, his or her Membership in the Central Council will be automatically cancelled. In that situation, by the decision of the majority of Team IAL comprising of the President, Vice Presidents, Hon. Secretary & Treasurer of IAL of the Central Council will be accepted to select another bonafied member of IAL to fill up the post immediately, with appraisal as well as concurrence of the Chairman, Steering Committee of IAL "

#### IAL Office

C/o - Prof. Swapan Kr. Samanta : 267 - Abasbari, Tamluk, Dist : Purba Medinipur, West Bengal, Pin - 721636  
Tel : 03228 267101, Mobile : 09434023759, 09733972029, 07501774496  
E mail : swapansamanta53@gmail.com, ialsourmen@gmail.com

All Cheques/Demand Draft should be drawn in favour of "Indian Association of Leprologists" & payable at Tamluk



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#### Vice President :

Dr. (Miss) Keshar Kurja Mohanty  
National Central Jaima Institute  
for Leprosy  
Tajpuri, Agra-282001, U.P.  
E-mail : keshar63@yahoo.com

#### Dr. Sunil Dogra

Assoc. Professor,  
Department of Dermatology  
PGI Chandigarh, Punjab  
E-mail : sundogra@hotmail.com

#### Secretary :

Prof. Rathindra Nath Dutta  
Rishi HOD Dermatology & STD  
IFGMR  
Resl. BK 132, Salt Lake City,  
Kolkata-700 091, Mobile : 09433008225  
Email : m\_dutta@radfmail.com

#### Treasurer :

Prof. Nepal Ch. Mahapatra, M.D.  
HOD, Paediatric Medicine  
Maidan Medical College, Maidan, W.B.  
Res : Mahisda, Biram Hat,  
Purba Midnapur  
Mobile : 99531504041

#### Central Council Member :

Dr. G. C. Saha  
Dr. V. V. Pal  
Dr. M. A. Rajan  
Dr. Gitanjali Saha  
Dr. Chandra Sekhar Sosalie  
Dr. P. K. B. Pathyayek  
Dr. Sujoy Suneeetha  
Dr. Mani Mozhi  
Dr. Om Prakash Chowdhria  
Dr. Jerry Joshua  
Dr. K. Venkateshan  
Dr. D. S. Chauhan  
Dr. S. Tripathy  
Dr. Raj Kamal  
Dr. Deepa Bisht

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e-mail : kirankatoch@rediffmail.com

#### Chairman : Award Sub Committee :

Dr. S. K. Noordeen, MD  
Mobile : 09840059229  
e-mail : noordeen@eth.net

#### 3. Resolution to be adopted :

\* **Chairman , Academic & Research Committee of IAL** : A Chairman ,Scientific Committee of IAL will be selected (by the decision of the majority of **Team IAL** comprising of the President, Vice Presidents , Hon. Secretary & Treasurer of IAL of the Central Council ) amongst the existing members of Central Council of IAL for a term of Two years in concurrence with the tenure of the Central Council" to look after the Academic and Research activities of the Association.

#### 4. Resolution to be adopted :

\* **Chairman , Scientific Committee of IAL** : A Chairman ,Scientific Committee of IAL will be selected (by the decision of the majority of **Team IAL** comprising of the President, Vice Presidents , Hon. Secretary & Treasurer of IAL of the Central Council ) amongst the Past Presidents of IAL for a term of Two years in concurrence with the tenure of the Central Council" to look after the academic (scientific) activities of the Association.

#### 5. Resolution to be adopted :

\* **Chairman , Award Committee of IAL** : A Chairman , Award Committee of IAL will be selected ( by the decision of the majority of **Team IAL** comprising of the President, Vice Presidents , Hon. Secretary & Treasurer of IAL of the Central Council ) amongst the Past Presidents of IAL for a term of Two years in concurrence with the tenure of the Central Council" to look after the matters related to its different Awards instituted by IAL.

#### 6. Resolution to be adopted :

\* **Chairman , Steering Committee of IAL** : A Chairman , Steering Committee of IAL will be selected ( by the decision of the majority of **Team IAL** comprising of the President, Vice Presidents , Hon. Secretary & Treasurer of IAL of the Central Council ) amongst the Past Presidents of IAL for a term of Two years in concurrence with the tenure of the Central Council" to give guidelines to the ongoing activities of IAL.

#### 7. Resolution to be adopted :

\* **Chairman , Publication Committee of IAL** : A Chairman , Publication Committee of IAL will be selected ( by the decision of the majority of **Team IAL** comprising of the President, Vice Presidents , Hon. Secretary & Treasurer of IAL of the Central Council ) amongst the Past Honorary Secretaries of IAL ( not in the existing Central Council) for a term of Two years in concurrence with the tenure of the Central Council" to review the different publications under the banner of IAL.

#### 8. Institution of different Awards of IAL with formulation of its rules and regulation.

9. To revise the rules and regulations of JAL MEHTA ORATION Award & other Awards so as to extend these Awards annually.

#### 10. Approval of Academic Calendar of IAL for Session 2015-2016.

#### 11. Finalisation of the date of next Biennial Conference of IAL.

#### 12. Organisation of an International Assembly of Medical & Non Medical Global Fraternity interested in Leprosy along with ensuing Biennial Conference of IAL.

#### 13. IAL Hand Book on Leprosy : Finalisation of the name of the Publisher as well as the Editors.

#### 14. IAL Ready Reckoner on Leprosy : Finalisation of the name of the Publisher as well as the Editors.

#### 15. Financial Status of IAL.

#### 16. Any other matters with the permission of the Chair.

### IAL Office

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All Cheques/Demand Draft should be drawn in favour of "Indian Association of Leprologists" & payable at Tamluk

# IAL First National CME cum Orientation Training Programme

North Bengal Medical College, Sushrut Nagar, Darjeeling, West Bengal

on 30<sup>th</sup> January, 2015



*Our Pledge to The Father of the Nation*



*Registration Counter & IAL Information Booth*



*Inauguration by Zonal Leprosy Officer, Darjeeling*



*Acknowledgement to Prof. Rudra Nath Bhattacharya MD, Org Secretary of the CME by Dr. Jerry Joshua, IAL Central Council Member*



*IAL Felicitation to Father Julius Kujur of Jeeshu Ashram, Matigara, Darjeeling*



*Lecture on Medical Management of Leprosy by Prof. R N Dutta, IAL Hony Secretary*

## CME REPORT

Place : College Lecture Theatre, Total Academic Hours : Four & Half Hours ( 11.00am to 3.30pm), Any Competition held : No, Participants : 108, Students : UG- Nil, PG - 15, Nursing - 40, Faculty : Medical : 20, Nursing : 15, Others 18, IAL Members: 03, Enrollment of New Member in IAL : 01,

## Speakers :

Prof. R N Bhattacharya (Community Medicine), Dr. Sanjay Mallick (Immunology), Prof. R N Dutta (Dermatology), Dr. Jerry Joshua Bhattacharya (Surgical Management of deformities & Ulcers), Prof. Swapan K Samanta (Ocular Leprosy), Prof. Madhusudan (ENT), Dr. Moushumi Bannerjee (Dermatology) IAL Felicitation to : Mr. Julius Kujur of Jeshu Ashram, Matigara, Darjeeling

Sponsors : Aurobinda Xray, Tamruk, Purba Medinipur  
Prof. Rathindranath Dutta



*North Bengal Medical College*



*Assembly*

# IAL Second National CME cum Orientation Training Programme

Institute of Medical Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh

20<sup>th</sup>. March, 2015



Inauguration by Kal-Geet (University Prayer)  
(Prof. Emeritus Gurmohan Singh is sitting in the middle along with Director, IMS, BHU on his left)



Registration Counter & IAL Information Booth



Lecture by Dr. Satyendra Singh  
(Assoc. Prof. Dept. of Dermatology & Venereology, IMS, BHU) and Organising Secy.



Acknowledgement to Prof. S.S. Pandey, Org. Chairperson by Prof. Ratkin Dutta, IAL. Hon'y Secy.



Presentation of Memento by Prof. R.N. Dutta to Dr. Sri Kanta Tripathy, Director  
CNLALMA & other Microbial Diseases, Agra, UP after his deliberation



Lecture by Dr. Vineet Kaur, Vice President Indian Assoc. of Community Dermatology

## CME REPORT

Place : College Lecture Theatre, Total Academic Hours : Four Hours (2.30 pm to 6.30 pm), Any Competition held : Sit & Draw for UG (7),  
Participants : 65, Students : UG-10, PG - 20, Nursing - Nil, Faculty : Medical : 25, Nursing : Nil, Others : 10  
IAL Members: 6, New Enrollment of Member : 02



Banaras Hind University

Speakers : Prof. Gur Mohan Singh (Theme Address), Prof. S S Pandey (Introduction), Dr. Srikanta Tripathy (Epidemiology), Dr. Keshar Mohanry (Immunology), Dr. Mahendra Kumar (Pathology), Prof. R N Dutta (Clinical Features), Prof. Swapan K Samanta (Ocular Leprosy), Dr. Satyendra Kumar Singh (Medical Treatment), Dr. (Mrs) Vineet Kaur (DD), Dr. Sourav Sinha (Arsenic Poisoning)

IAL Felicitation to : Prof Emeritus Gur Mohan Singh & Sri Dibakar Pathak, NMS

Sponsors : Cipla Ltd., Prof. Rathindranath Dutta



A galaxy of Audience with the Prize Winners of "Poster Competition"

# IAL Third National CME cum Orientation Training Programme

S C B Medical College, Cuttack, Odisha

8<sup>th</sup>. May, 2015



Inauguration



Acknowledgement to Dr. Manas Puhan, Organising Secretary by Prof. Rathin Dutta, IAL Hony Secry



Welcome Address by Dr. Manas Puhan, (Asst. Prof., Dept of Dermatology & Venereology, S C B Medical College) Org. Secry



Presentation of Memento to Prof. Rup Narayan Bhattacharya M.D. Plastic Surgery, I G Kar Medical College, Kolkata, WB after his deliberation on Surgical Aspect of Management of Leprosy



Lecture on Epidemiology of Leprosy by Dr. Srikanta Tripathy, Director, CNLIALMA & other Microbial Diseases, Agra, UP



IAL Felicitation to Prof. P.K. Agarwal, Veteran Leprologist of Odisha by Dr. D.K. Porichha, Past Hony. Secretary of IAL

## CME REPORT

Place : IMA Hall, Cuttack, Total Academic Hours : Six Hours ( 10.30 am to 4.30pm). Any Competition held : Sit & Draw for UG (3) & Quiz for PG ( 15), Participants : 110, Students : UG-05 , PG - 20, Nursing - Nil , Faculty : Medical : 15, Nursing : Nil, Others 70  
IAL Members : 10, New Enrollment of Member : Nil

Speakers : Dr. Srikanta Tripathy (Epidemiology), Dr. D.K Porichha (Immunology), Dr. C Preetam (Pathology), Dr. C S Sirka (Clinical Features), Prof. Jayashree Mohanty ( Reaction in Leprosy), Dr. Manas Puhan (D/D) Prof. R N Dutta (Medical Treatment), Prof. Swapan K Samanta ( Ocular Leprosy), Dr. Chinmoy Sundar Rao (ENT Complications) Prof. Rup Narayan Bhattacharya (Surgical Management of deformities & Ulcers), Dr. Bam Dev Mohanty (Community Based Rehabilitation) Quiz Master : Dr. Subhranshu IAL Felicitation was extended to : Prof. Harish Chandra Mihaty, Prof.P.C. Singh & Prof. Saraswati Mishra

Sponsors : Cipla Ltd., Prof. Rathindranath Dutta  
Torrent Ltd., Mankind, Ipca



SCB Medical College



A galaxy of Audience with the Prize Winners of "Poster Competition" & "Quiz Competition"

# IAL Fourth National CME cum Orientation Training Programme

Rajah Muthiah Medical College, Chidambaram, Tamil Nadu

on 19<sup>th</sup> June, 2015



Registration



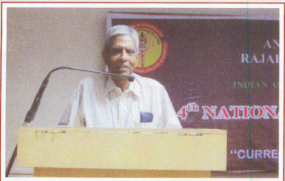
Dignitaries on the dias



Inauguration by Vice Chancellor of Annamalai University



Welcome Address by Prof. P.V.S. Prasad



Theme Address by Dr. S. K. Noordeen



Felicitation to Dr. Noordeen by Vice Chancellor

## CME REPORT

Place : College Auditorium, Total Academic Hours : Five & Half Hours (09.00 am to 2.30pm), Any Competition held : Sit & Draw for UG (7)

Participants : 130, Students : UG-15 , PG - 40 , Nursing - Nil , Faculty : Medical : 45, Nursing : 5, Others 25

IAL Members : 10, New Enrollment of Member : Nil

**Speakers :** Padmashree Dr. S K Noordeen (Theme Address), Dr. Sankanta Tripathy (Epidemiology), Prof. P Viswanathan (Pathology), Dr. Sujai Suneetha (Immunology & Reaction), Prof. P.K.Kavirasan (Clinical Features), Prof P V S Prasad (Medical Treatment), Prof. Swapna K Samanta (Ocular Leprosy), Dr. Kishan Rao (Surgical Management of deformities & Ulcers), Dr. M A Rajan (Community Based Rehabilitation & Survey) IAL Felicitation : None



Assembly



The Attending PGT



# IAL Fifth National CME cum Orientation Training Programme

Christian Medical College, Ludhiana, Punjab

on 25<sup>th</sup> July, 2015



Dignitaries on the dias



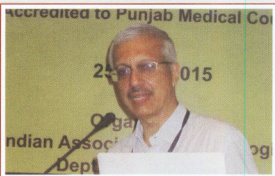
Inaugural choir



Inauguration by Bishop Younus Massi



Welcome Address by Prof. Abraham G Thomas, Principal, CMC, Ludhiana



Theme Address by Dr. S. Narasimhan Tripathy



Felicitations to Dr. Narasimhan Tripathy by the Chairperson Sunil Deogra

## CME REPORT

(Accredited by Punjab Medical Council for Four Credit Hours)

Place : College Auditorium, Total Academic Hours : Eight Hours ( 8.00am to 4.00pm) , Any Competition Held : Sit & Draw for UG of CMC ( 20) & Quiz for PG ( 18 from Five Medical Colleges of Punjab namely CMC & Dayanand of Ludhiana, Patiala & Amritsar & Tanda of Himachal Pradesh), Total Participants: 175: Students : UG : 30, PG : 30, Faculty : 30, Nursing : 60, Others 10, IAL Members : 15. Enrolment of New Members : Nil



Assembly

Speakers : Prof. Bhusan Kumar, Prof. VK Sood, Prof. M.Z Mani, Prof. Abraham G Thomas, Prof. Sunil Gupta, Dr. Srianta Tripathy, Dr. Utpal Sengupta, Prof. Sunil Dogra, Dr. Kamwarddeep Kwatra, Prof. Saurav Sharma, Dr. Rakesh Bharti, Prof. Swapan Samanta, Dr. Navneet Kumar, Dr. Emy Abe Thomas, Dr. Tarun Narang, IAL Felicitations to : Prof. V.K Sood, Prof. Sunil Gupta, Dr. Sangeeta Singh , Prof. Emy Abe Thomas & Sri Ram Samaj Pandey (Chief of After Care Leprosy Colony of Ludhiana)

The Key Person in the Organising Committee : Dr. Bimal Kanish THE SPONSOR OF THE CME : SYSTOPIC LABORATORIES Exemplary Incidence : Personnel donation of Rs. Ten thousand only by Prof. Mohan Z Mani towards this CME



The Attending PGT & Speakers

# DOWN THE MEMORY LANE



Installation of President Prof. Swapan K Samanta

## Central Council Members



**President:**  
Prof. Swapan K. Samanta



**Vice President:**  
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# IAL Academic Activities Around India in the year (2015)



In 2015 : Siliguri (West Bengal)  
Varanasi (Uttar Pradesh)  
Cuttack (Odisha)  
Chidambaram (Tamil Nadu)  
Ludhiana (Punjab)

In 2015 : Midterm Conference (Hyderabad)

## IAL ANNUAL GENERAL BODY MEETING & Eighth National CME of Session 2015

S N Medical College, Agra, UP ● Date : 09<sup>th</sup>, October, 2015  
(AGBM from 8.00am to 9.30am & CME from 10.00am to 2.00pm)

Organising Secretary : Dr. Srikanta Tripathy, MD

Director, CJALMA & other Microbial Diseases' Miyajuki Road, Tajgunj, Agra, UP

Tel : 09258044406, Email : directorjalma@gmail.com