



ISIEM 2024

TEAMING UP FOR TREATABLE IEMs

NATIONAL CONFERENCE OF INDIAN SOCIETY FOR INBORN ERRORS OF METABOLISM

IEMs-USHERING IN THE THERAPEUTIC ERA

Date : 20th to 22nd September 2024

Venue : Rajasthan International Centre, Jhalana Doongri, Jaipur

Scientific
PROGRAMME

WWW.ISIEM2024.COM



Co-Host : IAP, JAIPUR

Day 1 | 20th September 2024 | Friday

Registration Starts at 08:00 AM Onwards

Workshop - 1 | Lab Diagnosis of IEMs

Venue : LT-1 Second Floor

Hall Co-ordinator : Dr. Mudita Suman

Workshop Co-ordinator : Dr. Alpa Dherai & Dr. Lokesh Kumar Agarwal

Time	Topic	Faculty
09:00 AM - 09:30 AM	Basic metabolite based approach to IEMs (GELAK)	Dr. Lokesh Kumar Agrawal
09:30 AM - 10:00 AM	The Tandem approach of TMS	Dr. Anil Jalan
10:00 AM - 10:30 AM	Organic acidurias - The GCMS profiling	Dr. Usha Dave
10:30 AM - 10:45 AM	Tea Break	
10:45 AM - 11:15 AM	Special Investigations in diagnosing IEMs	Dr. Alpa Dherai
11:15 AM - 11:45 AM	Enzyme Based Diagnosis	Dr. Jayesh Sheth
11:45 AM - 12:30 PM	Challenging Cases	Dr. Chakshu Choudhary
12:30 PM - 01:30 PM	Lunch	

Workshop - 2 | Dietary Management of IEMs

Venue : LT-2 Second Floor

Hall Co-ordinator : Mrs. Jaya sharma

Lead : Dr. Rani Singh (PhD,RD,LD), Professor Emory University, Department of Human Genetics

Workshop Co-ordinator : Mrs. Anuja Agarwala & Surbhi Pareek

09:00 AM - 09:10 AM	Introduction of the workshop, Special guest (Dr. Rani Singh) and Indian team.	Dr. Rani H Singh Dr. Priyanshu Mathur All Faculties	
09:10 AM - 09:20 AM	Pretest	Mrs. Shipra Srivastava and Mrs.Surbhi Pareek	
09:20 AM - 09:45 AM	Keynote address-Importance of nutrition and diet in IEMs and - Overview - Nutrition Management in IEMs	Speaker : Dr. Rani H Singh	Chairpersons : Dr. Seema Kapoor
09:45 AM - 10:30 AM	Session - 1 Introduction to Genetic Metabolic Disorders		
		Speaker	
09:45 AM - 10:00 AM	General metabolic pathways	Mrs. Vaishali Madkaikar	
10:00 AM - 10:15 AM	CHO metabolic disorders	Mrs. Ranjini Parthasarathy	
10:15 AM - 10:30 AM	Amino acid disorders + UCD	Mrs. Sheetal Mhamunkar	
10:30 AM - 10:45 AM	Tea Break		
10:45 AM - 11:30 AM	Session - Introduction to Genetic Metabolic Disorders		
		Speaker	
10:45 AM - 10:55 AM	Fat Metabolic disorders	Mrs.Safala Mahadik	
10:55 AM - 11:05 AM	Emergency regimen	Mrs. Anuja Agarwala	
11:05 AM - 11:15 AM	Use of indigenous foods	Dr. Malathi Voora	
11:15 AM - 11:30 AM	Q & A & Expert comments	All Speakers & Chairperson	
11:30 AM - 12:30 PM	Session - Case Studies and Quiz (Interactive Session)		
11:30 AM - 12:10 PM	Case presentations by groups, followed by discussion	Mrs. Shipra Srivastava and Mrs. Surbhi Pareek	
12:10 PM - 12:30 PM	Quiz and Post test		
12:30 PM - 01:30 PM	Lunch		

Workshop - 3 | Newborn Screening (NBS) - Follow-up & Management

Venue : LT-3 Second Floor

Hall Co-ordinator - Dr.Manisha Goyal

Workshop Co-ordinator - Dr. Seema Kapoor & Dr. Swasti Pal

Time	Topic	Faculty
09:00 AM - 09:30 AM	The NBS Program	Dr. Seema Kapoor
09:30 AM - 10:00 AM	Impact of NBS on Society	Dr. Kanika Singh
10:00 AM - 10:30 AM	Dealing with Screen Positive Result	Dr. Suvarna Magar

10:30 AM - 10:45 AM	Tea Break	
10:45 AM - 11:15 AM	Outcome of NBS Detected Cases	Dr. Ebner Bon G. Maceda
11:15 AM - 11:45 AM	Newer Frontiers in NBS	Dr. Shruti Bajaj
11:45 AM - 12:30 PM	Challenging Cases	Dr. Swasti Pal
12:30 PM - 01:30 PM	Lunch	

Venue : Main Auditorium, Ground Floor

Hall Co-ordinator :
Dr. Manisha Goyal, Dr. Vanisha Dave & Dr. Rivneet Kaur

Workshop - 4 | Basics of IEMs : How to Recognize & Diagnose

Complimentary for all

01:30 PM - 02:00 PM	Inherited Metabolic Diseases - Past to Present	Speaker : Dr. Radha Rama Devi	Chairpersons : Dr. Rani H Singh Dr. Sandeep Mathur Dr. Madhu Raturi Dr. Kusum Devpura
02:00 PM - 02:35 PM	Small molecule metabolic disorders : Case Based Discussion	Moderator : Dr. Chaitanya Datar	Panelists : Dr. Seema Kapoor Dr. Sunita Bijarnia Dr. Hansashree Padmanabh Dr. Jaikishan Mittal Mrs. Vaishali Madkaikar
02:35 PM - 03:10 PM	Complex molecule metabolic disorders : Case Based Discussion	Moderator : Dr. Aradhana Dwivedi	Panelists : Dr. Uma Rama Swami Dr. Madhulika Kabra Dr. Arushi Gahlot Dr. Balamurugan Dr. Sheetal Mhamunkar
03:10 PM - 03:45 PM	Energy Deficiency Disorders : Case Based Discussion	Moderator : Dr. Udhaya Kotecha	Panelists : Dr. Sumita Danda Dr. Shruti Bajaj Dr. Lokesh Saini Dr. Akash Sharma Mrs. Anuja Agarwala

03:45 PM - 04:00 PM Tea Break

National Conference of ISIEEM 2024

Venue : Main Auditorium, Ground Floor

Inauguration Ceremony 04:00 PM - 04:40 PM

	Welcome Address	Dr. Priyanshu Mathur	
	ISIEEM Presidential Address	Dr. Seema Kapoor	

Hall Co-ordinator : Dr. Anjali Gupta & Dr. Anjali Juneja

04:50 PM - 05:30 PM	Oration	Speaker : Dr. Uma Ramaswami	Chairpersons : Dr. Radha Rama Devi Dr. Sunita Bijarnia Dr. Jayesh Sheth Dr. Kuldeep Singh
05:30 PM - 06:00 PM	Keynote lecture - Biomarkers - Not everything worthwhile can be measured and not everything measured is worthwhile.	Speaker : Dr. Seema Kapoor	Chairpersons : Dr. Pankaj Agarwal (USA) Dr. Anil Jalan Dr. Alpa Dherai Dr. Kailash Meena

07:30 PM Onwards

Gala Dinner : Convention Hall, Ground Floor, Rajasthan International Centre



Day 2 | 21st September 2024 | Saturday

Venue : Main Auditorium, Ground Floor

Hall Co-ordinator : Dr. Manisha Goyal & Dr. Chakshu Chaudhary

Time	Topic	Judges :
08:00 AM - 09:00 AM	Platform presentation - 6 (10 min each)	Dr. Inusha Panigrahi, Dr. Anil Jalan & Dr. Divya Agarwal

Session - IEMs with Established Treatments

Hall Co-ordinator : Dr. Rishabh Gupta & Dr. Nidhi Vijay

09:00 AM - 09:30 AM	Nutritional management of IEMs with prototype as PKU	Speaker : Dr. Rani H Singh	Chairpersons : Dr. Neelam Mohan Dr. Deepak Shivpuri Dr. Jyoti Bagla Dr. Neeta Jindal
09:30 AM - 10:00 AM	Management of IEMs during acute crisis	Speaker : Dr. Uma Maheshwari	Chairpersons : Dr. Nagaram Dande Dr. Alok Gupta Dr. R N Sehra Dr. Prashant Mitharwal
10:00 AM - 10:30 AM	Vitamin responsive epilepsies & epileptic encephalopathies	Speaker : Dr. Ajay Goenka Dr. Varsha Vaidya	Chairpersons : Dr. Bhawana Sharma Dr. Dinesh Khandelwal Dr. Anurag Tomar Dr. Ramesh Choudhary
10:30 AM - 11:00 AM	Diagnosis and Management of Neurotransmitter Disorders	Speaker : Dr. Lokesh Lingappa	Chairpersons : Dr. S Sitaraman Dr. Rupesh Masand Dr. Juhi Gupta Dr. Meenal Garg

11:00 AM - 11:20 AM Tea Break

Session - Managing IEMs in Genomic Era

11:20 AM - 11:50 AM	Role of Genomics and other omics approaches in metabolic disorders	Speaker : Dr. Pankaj Agrawal (USA)	Chairpersons : Dr. Ashok Sharda Dr. B.M Raturi Dr. Neha Agarwal Dr. S P Sethi
11:50 AM - 12:20 PM	Diagnosing the undiagnosed in IEMs	Speaker : Dr. Ratna Dua Puri	Chairpersons : Dr. Kuldeep Singh Dr. Ashwini Kamdar Dr. Anupa Prasad Dr. Varun Sharma
12:20 PM - 12:50 PM	Making sense of VOUSes in metabolic Disorders	Speaker : Dr. Sheetal Sharda	Chairpersons : Dr. Rambabu Sharma Dr. Tarun Patni Dr. Sanjay Gupta Dr. Mohit Vohra
12:50 PM - 01:20 PM	Management of IEMs in the Genomic Era- Small Molecule and Mitochondriopathies	Speaker : Dr. Chaitanya Datar	Chairpersons : Dr. Bhawana Dhingra Dr. Pramod Sharma Dr. Rakesh Jora Dr. Shyam Agrawal

01:20 PM - 02:00 PM Lunch

Session - Lysosomal Mysteries Decoding Storage Disorders

Hall Co-ordinator : Dr.Toshika Agarwal & Dr. Urja Singhal

02:00 PM - 02:30 PM	ERT in Gaucher Disease patients : Treatment outcome and monitoring	Speaker : Dr. Uma Ramaswami	Chairpersons : Dr. Dhananjay Mangal Dr. Kapil Sharma Dr. Shikha Garg Dr. Sunil Dutt Sharma
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02:30 PM - 03:00 PM	Genotype phenotype correlation in Gaucher disease patients	Speaker : Dr. Jayesh Sheth	Chairpersons : Dr. Kapil Garg Dr. J P Narayan Dr. Richa Choudhary Dr. Anshul Mittal
03:00 PM - 03:30 PM	Treatment challenges in MPS II patients	Speaker : Dr. Priyanshu Mathur	Chairpersons : Dr. Atul Shankar Dr. Siyaram Didel Dr. Amrita Mayanger Dr. Kamlesh Agrawal
03:30 PM - 04:00 PM	Panel Discussion Fabry - An adult disease : myth or reality.	Moderator : Dr. Kausik Mandal	Panelists : Dr. Sumita Danda Dr. Bhanu Pratap Singh Dr. Ashka Prajapati Dr. Yashu Saini Lt.Col. Dr. Puneet Singh Dr. Jayarekha
04:00 PM - 04:20 PM	Tea Break		
04:20 PM - 04:50 PM	Diagnosis & Management of Pompe Disease	Speaker : Dr. Ratna Dua Puri	Chairpersons : Dr. Reena Gulati Dr. Munish Kakkur Dr. Madhu Chaudhary Dr. Rajesh Mathuria
04:50 PM - 05:20 PM	Advances in Management of ASMD	Speaker : Dr. Neerja Gupta	Chairpersons : Dr. S D Sharma Dr. Anupam Chaturvedi Dr. Roop Sharma Dr. Natwar Parwal
05:20 PM - 06:00 PM	Introduction of NPRD - Dr. Madhulika Kabra Panel Discussion - Optimal use of available resources & NPRD	Moderator : Dr. Madhulika Kabra	Panelists: Dr. B. S. Charan Dr. Seema Kapoor Dr. Kuldeep Singh Dr. Inusha Panigrahi Dr. Rahul UR
06:00 PM - 06:30 PM	Debate - Diagnosis of Lysosomal Storage Disorders - Enzyme first Vs Genomics first Moderator : Dr. Divya Agarwal	Faculties : Dr. Sameer Bhatia Dr. Mayank Nilay Dr. Ravneet Kaur Dr. Ashka Prajapati	Experts : Dr. Ratna Dua Puri Dr. Seema Thakur Dr. Kausik Mandal
06:30 PM - 07:30 PM	General Body Meeting of ISIEM		
07:30 PM Onwards	Gala Dinner : Convention Hall, Ground Floor, Rajasthan International Centre		

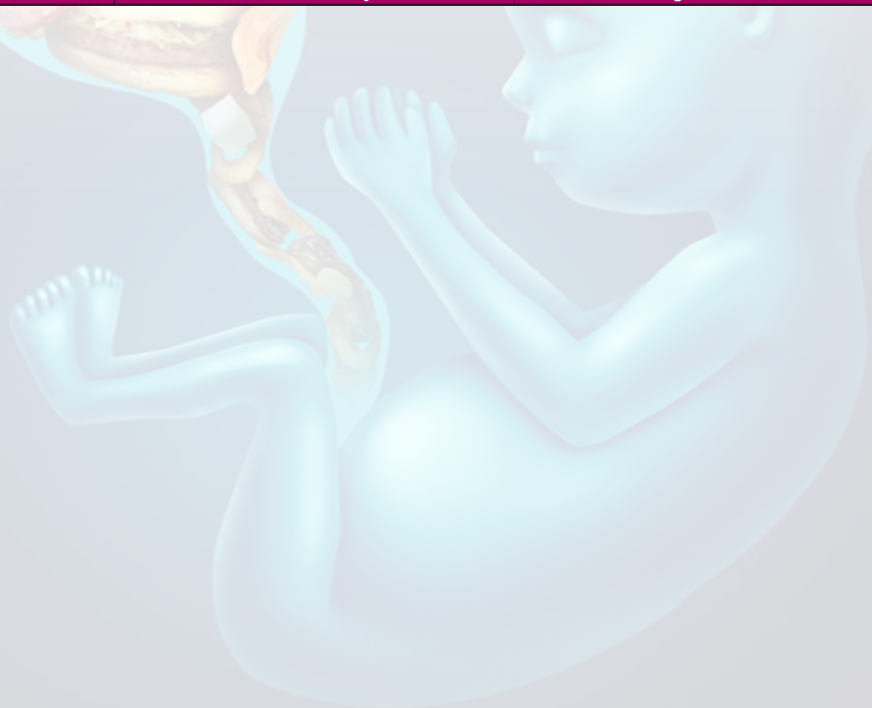


Day 3 | 22ND September 2024 | Sunday

Venue : Main Auditorium, Ground Floor Hall Co-ordinator : Dr. Manisha Goyal & Dr. Nitish Garg

Time	Topic	Judges :
08:00 AM - 09:00 AM	Platform presentation - 6 (10 min each)	Dr. Inusha Panigrahi, Dr. Anil Jalan & Dr. Divya Agarwal
Session - Next-Solution : Breakthrough in IEM & Prenatal Diagnosis Hall Co-ordinator : Dr. Rohit Jain & Dr. Santosh Solaria		
09:00 AM - 09:30 AM	Metabolic Liver Diseases	Speaker : Dr. Lalit Bharadia
		Chairpersons : Dr. Abhinav Sharma Dr. Ashish Agrawal Dr. Manish Mittal Dr. Lalita Kanojiya
09:30 AM - 10:00 AM	Newer Therapies in Leucodystrophies	Speaker : Dr. Sunita Bijarnia
		Chairpersons : Dr. Kusum Kalla Dr. Arushi Gahlot Dr. Rahul Gupta Dr. Varnit Shankar
10:00 AM - 10:30 AM	Liver Transplantation for IEMs	Speaker : Dr. Khalid Al Thihti
		Chairpersons : Dr. Lakhn Poswal Dr. Komal Uppal Dr. Mohd. Asif Dr. G S Tanwar
10:30 AM - 11:00 AM	Genetic Counselling in Prenatal Diagnosis of IEMs- Why & When?	Speaker : Dr. Usha Dave
		Chairpersons : Dr. Aditi Bansal Dr. Sonia Meel Dr. Rekha Gupta Dr. Megha Sharma
11:00 AM - 11:20 AM Tea Break		
Session on IEMs - Special Situations		
11:20 AM - 11:50 AM	Newborn Screening and Inherited Metabolic Disorders in Sri Lanka: Current Landscape and Future Prospects	Speaker : Dr. Imalke Kankanaratchchi
		Chairpersons : Dr. Rajiv Bansal Dr. Pankaj Agrawal Dr. Vivek Gupta Dr. Rajkumar Goyal
11:50 AM - 12:20 PM	Role of Artificial Intelligence & telemedicine tools to improve patient care	Speaker : Dr. Seema Thakur
		Chairpersons : Dr. Madhu Mathur Dr. Alok Tyagi Dr. Gayatri Dhanger Dr. Dhanraj Bagri
12:20 PM - 12:50 PM	Neuroimaging for IEMs	Speaker : Dr. Manish Parakh
		Chairpersons : Dr. Sharad Sharma Dr. Hariram Meena Dr. Anshita Arora Dr. K.K.Yadav
12:50 PM - 01:20 PM	Genomics vs Biochemical markers in neonatal care. Moderator : Dr. Alpa Dherai	Panelists : Dr. Manisha Goyal Dr. Bhawana Agarwal Dr. Ranjana Mishra Dr. Parminder Kaur
		Experts : Dr. Ratna Dua Puri Dr. Jayesh Seth Dr. J.P.Soni
01:20 PM - 02:00 PM Lunch		
Adaptive Approaches : Handling IEMs Special Cases Hall Co-ordinator : Dr. Abhishek Goyal & Dr. Naveen Dangayach		
02:00 PM - 02:30 PM	Follow up of NBS Detected Patients and Telegenetics System in Philippines	Speaker : Dr. Ebner Bon G. Maceda
		Chairpersons : Dr. Anurag Sharma Dr. O. P. Balodia Dr. Priyanka Udawat Dr. Kiran Pabri

02:30 PM - 03:00 PM	Panel Discussion - Quality control on laboratory testing	Moderator : Dr. Amit Gupta	Panelists : Dr. Rohit Cariappa Dr. Prakash Gambhir Dr. Jyotsna Verma Dr. Mahesh Hampe Dr. Rahul Solanki Dr. Aruna Gowdra
03:00 PM - 03:20 PM	Management of Alkaptonuria	Speaker : Dr. Sumita Danda	Chairpersons : Dr. Sunil Mahawar Dr. Satyen Hemrajani Dr. Virendra Mittal Dr. Mohit Poddar
03:20 PM - 03:40 PM	Porphyrias - Diagnosis & Management	Speaker : Dr. Anil Jalan	Chairpersons : Dr. Sanjeev Gupta Dr. Vaibhav Mathur Dr. Sawai Singh Lora Dr. Chandraprakash Gupta
03:40 PM - 04:20 PM	The Power of Collaboration : How Multistakeholder Partnership can drive efficient rare diseases management.	Moderator : Dr. Dipanjana Datta	Panelists : Mr. Swarnendu Singha Dr. Rashmi Gupta Mrs. Astha Chugh Dr. Monika Puri Ms. Henna Dhawan Mr. Saurabh Singh Mr. Vikas Bhatia Mrs. Archana Panda
04:20 PM - 04:50 PM	Quiz		Dr. Suvarna Magar Dr. Manisha Goyal Dr. Vaibhav Upadhyay
04:50 PM - 05:00 PM	Vote of Thanks Prize Distribution & Valedictory	Dr. Priyanshu Mathur Dr. Lokesh Kumar Agrawal	



ISIEM EXECUTIVE COMMITTEE (2023-2026)



Dr. Seema Kapoor
(President)



Dr. Sujatha Jagdeesh
(Vice President)



Dr. Sunita Bijarnia
(Secretary)



Dr. Neerja Gupta
(Treasurer)



Dr. Chaitanya Datar
(Joint Secretary)



Dr. Alpa Dherai
(Joint Treasurer)



Dr. Usha Dave
Nominated Members



Dr. Jayesh Sheth
Nominated Members



Dr. Madhulika Kabra
Executive Members



Dr. Anil Jalan
Executive Members



Dr. Ratna Puri
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Dr. Seema Thakur
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DR. J.K. MITTAL
(Organizing Chairman)



DR. PRIYANSHU MATHUR
(Organizing Secretary)



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(Treasurer)



DR. MANISHA GOYAL
(Coordinator)

CO-HOST : INDIAN ACADEMY OF PEDIATRICS JAIPUR



Dr. Madhu Raturi
(President)



Dr. Sanjeev Gupta
(Hon. Secretary)



Dr. Mohit Vohra
(Treasurer)



CONFERENCE SECRETARIAT
DR. PRIYANSHU MATHUR
(Organising Secretary)

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PROFESSIONAL CONFERENCE ORGANIZER

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