MCLD 2019
MASTER CLASS IN LIVER DISEASE

CURRENT PRACTICE IN
METABOLIC LIVER DISEASE &
METABOLIC SYNDROME

Date: 2nd & 3rd March 2019
Venue: ITC GRAND CHOLA CHENNAI, INDIA

Course Director
Prof. MOHAMED RELA

Conference Secretariat:
Dr. Rela Institute & Medical Centre
No.7, CLC Works Road, Chromepet, Chennai - 600 044

For queries
+91 96772 34320
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www.mcldindia.com
Dear Colleague,

It is with great pleasure that I invite you to the next edition of the Master Class in Liver Disease series. Over the years, MCLD has acquired a unique reputation of providing a practical approach to managing liver disease with emphasis on a multidisciplinary approach. Each year, hand-picked faculty continue to raise the standard of academic discussion and debate. Small wonder, that each edition has been attended by an increasing number of delegates.

The upcoming edition is planned as a two-day meeting covering two different yet important topics related to liver disease. The first day is dedicated to the study of metabolic liver disease in children and adults while the second day will focus on non-alcoholic steatohepatitis and metabolic syndrome.

Metabolic liver disease constitutes the second most commonest indication for liver transplantation in children & young adults. However, caring for these patients goes beyond just liver transplantation. Clinicians should be conversant with a wide range of issues including diagnosis and medical management and have a clear idea of the indications, timing and outcomes of transplantation. Our faculty includes some of world’s foremost experts in metabolic liver disease and I hope we can all learn from them to manage these patients better.

South Asia is fast becoming the epicentre of the metabolic syndrome pandemic. Fatty liver disease is rampant even in ‘healthy’ public & non-alcoholic steatohepatitis is overtaking viral hepatitis as a major indication for liver transplantation. These patients need special care and their peri-operative management needs a multi-disciplinary approach. All of these issues will be discussed in detail on the second day by our faculty of well-known experts in metabolic syndrome, NASH, metabolic surgery & liver transplantation.

I hope to meet you in Chennai during the meeting. I would also welcome you to visit to see our brand-new hospital – Dr Rela Institute & Medical Centre, inaugurated in September 2018. My team and I would be happy to take you around!
CONFIRMED FACULTY

ANIL ARORA
NEW DELHI, INDIA

ANIL DHAWAN
LONDON, UK

ANITA VERMA
LONDON, UK

ANSHU SRIVASTAVA
LUCKNOW, INDIA

ASHISH BAVDEKAR
PUNE, INDIA

AVI SOIN
GURUGRAM, INDIA

GEORGI AUZINGER
LONDON, UK

GREGORY J McKENNA
DALLAS, USA

JULIA WENDON
LONDON, UK

KYUNG SUK SUH
SEOUL, KOREA

MALATHI SATHIYASEKARAN
CHENNAI, INDIA

MANAV WADHAWAN
NEW DELHI, INDIA

MANUEL RODRIGUEZ - DAVALOS
SALT LAKE CITY, USA

MATTHEW CRAMP
PLYMOUTH, UK

MUFFAZAL LAKDAWALA
MUMBAI, INDIA

MUREO KASAHARA
TOKYO, JAPAN

NANCY KWAN MAN
HONG KONG

NEDIM HADZIC
LONDON, UK

NIGEL HEATON
LONDON, UK

PAOLO MUIESAN
BIRMINGHAM, UK

PATRICK KAMATH
ROCHESTER, USA

PATRICK McKEENAN
PITTSBURGH, USA

PIERRE CLAVIEN
ZURICH, SWITZERLAND

RADHAKRISHNA DHIMAN
CHANDIGARH, INDIA

RAJENDER REDDY
PHILADELPHIA, USA

ROSHNI VARA
LONDON, UK

S P SINGH
CUTTACK, INDIA

SUBASH GUPTA
NEW DELHI, INDIA

ZHI-JUN ZHU
BEIJING, CHINA
Registration

Introduction

Session 1
09.00-10.00
METABOLIC LIVER DISEASE: A PRIMER - ANIL DHAWAN
BURDEN OF METABOLIC LIVER DISEASE IN SOUTH ASIA - ANSHU SRIVASTAVA
SURGICAL DECISION MAKING IN METABOLIC LIVER DISEASE - PAOLO MUIESAN

Session 2
10.00-11.00
Progressive Familial Intrahepatic Cholestasis
PATHOPHYSIOLOGY AND CLINICAL PRESENTATION - MALATHI SATHIYASEKARAN
SURGERY FOR PFIC: WHEN & WHICH? - MANUEL RODRIGUEZ - DAVALOS
LONG-TERM MANAGEMENT ISSUES IN PFIC - NEDIM HADZIC

Session 3
11.00-11.45
Case Based Discussions

Session 4
11.45-12.45
Abnormal Genes
MANAGING METABOLIC CRISIS IN THE ICU - ROSHNI VARA
IS THERE A ROLE FOR PRE-EMPTIVE TRANSPLANTATION IN A CHILD WITH ABNORMAL GENES? - PATRICK MCKEIRNAN
HCC IN METABOLIC LIVER DISEASE: DO WE NEED CRITERIA? - NIGEL HEATON

Session 5
12.45-13.30
Lunch

Session 5
13.30-14.30
Organic Acidemias & Urea Cycle Defects
BIOCHEMICAL BASIS OF CLINICAL PRESENTATION IN UREA CYCLE DEFECTS & ORGANIC ACIDEMIAS - ROSHNI VARA
TIMING OF TRANSPLANTATION IN OA/UCD - MUREO KASAHARA
LONG TERM OUTCOMES AFTER TRANSPLANTATION FOR ORGANIC ACIDEMIAS - PATRICK MCKEIRNAN

Session 6
14.30-15.30
Wilson's Disease
SCORING SYSTEMS IN WILSON'S DISEASE - ASHISH BAVDEKAR
ACUTE WILSON'S DISEASE: MANAGEMENT ISSUES IN PERITRANSPLANT PERIOD - JULIA WENDON
NEURO WILSON'S PRESENTATION & RESPONSE TO TRANSPLANTATION - RAJENDER REDDY

Session 7
15.30-16.00
EXPERT PANEL DISCUSSION
LDLT FOR METABOLIC LIVER DISEASE: DONOR SELECTION

Session 8
16.00-17.00
Primary Hyperoxaluria
PATHOGENESIS & MANAGEMENT OF CARDIAC DYSFUNCTION IN PRIMARY HYPEROXALURIA - GEORG AUZINGER
TRANSPLANTATION FOR HYPEROXALURIA: PRE-EMPTIVE, COMBINED OR SEQUENTIAL? - GOMATHY NARASIMHAN
TECHNICAL ISSUES IN TRANSPLANTATION FOR NON-CIRRHOTIC MLD - MUREO KASAHARA

Session 9
17.00-17.40
Beyond Orthotopic Liver Transplant
INDICATIONS & TECHNICAL CONSIDERATIONS IN APOLT & ITS VARIANTS - MOHAMED RELA
HEPATOZYTE TRANSPLANTATION AND GENE THERAPY FOR METABOLIC LIVER DISEASE - ANIL DHAWAN

Session 10
17.40-18.15
Case Based Discussion

GALA DINNER
18:30 ONWARDS
Breakfast Session With Experts
PARALLEL SESSIONS FOR ANESTHESIA & INTENSIVE CARE, ADULT HEPATOLOGY
PAEDIATRIC HEPATOLOGY, SURGERY, LIVER IMAGING & PATHOLOGY

NAFLD: Setting The Stage
EPIDEMIOLOGY, CLINICAL SPECTRUM & PROGRESSION OF NAFLD - MATTHEW CRAMP
ROLE OF GUT MICROBIOTA IN NAFLD - ANITA VERMA
INDIAN PERSPECTIVE OF A GLOBAL DISEASE - SP SINGH

Metabolic Syndrome In Health
LIVER REGENERATION AFTER MAJOR LIVER RESECTION: IMPACT OF FAT - PIERRE CLAVIEN
BIOLOGICAL BASIS OF HEPATIC AND EXTRA-HEPATIC MALIGNANCIES IN NAFLD - NANCY KWAN MAN

Expert Panel Discussion
SCREENING & MONITORING FOR NAFLD: WHO, HOW, WHEN & WHY?

Interventions
LIFE STYLE MODIFICATION TO ALTER THE COURSE OF NAFLD: WHAT IS THE RIGHT WAY? - MATTHEW CRAMP
UPDATE ON MEDICAL THERAPEUTICS FOR NASH - ANIL ARORA
SURGERY FOR METABOLIC SYNDROME: CHOOSING THE RIGHT HORSE - MUFFAZAL LAKDAWALA

Case-based discussions

Issues In Transplant Assessment
LIVE DONOR WITH NAFLD: HOW TO PUSH THE ENVELOPE SAFELY? - KYUNG SUK SUH
ASSESSMENT OF NUTRITION & FRAILTY IN THE NASH RECIPIENT - PATRICK KAMATH
CARDIAC FUNCTION IN THE NASH RECIPIENT: RISK STRATIFICATION, DIAGNOSIS, OPTIMISATION - GEORG AUZINGER

Debate
LIVER TRANSPLANT FOR OBESE RECIPIENT: LDLT WITH LOW GRWR GRAFT OR WAIT ON DDLT WAITING LIST? - SPEAKING FOR LDLT, SUBASH GUPTA & SPEAKING FOR DDLT, PIERRE CLAVIEN

Peri-Operative Issues
TRANSPLANTING THE OBESE RECIPIENT: TECHNICAL TIPS - AVI SOIN
CURRENT EXPERIENCE IN COMBINED LIVER TRANSPLANT & BARIATRIC SURGERY - GREGORY McKENNA
MANAGING THE SUPER-OBESE IN THE ICU - JULIA WENDON

Post-Transplant Metabolic Syndrome
POST TRANSPLANT IMMUNOSUPPRESSION IN NASH: IS IT DIFFERENT? - MANAV WADHAWAN
DE NOVO AND RECURRENT NASH AFTER LT - RAJENDER REDDY

Future Tense For NAFLD?
THE NASH BOMB: WHAT TO EXPECT AND WHAT CAN WE DO? - PATRICK KAMATH
DEFATTENING LIVERS WITH NORMOTHERMIC PERFUSION: IS THIS THE FUTURE? - PAOLO MUIESAN
The ‘Master Class in Liver Disease’ (MCLD) series was envisaged as a means to deliver high quality teaching in liver disease and transplantation

Since its first edition in 2011, MCLD has quickly established itself as one of the most popular scientific meetings in the field in the Indian sub-continent. Each edition is planned as a single theme conference with participation of national & international experts. Previous editions have dealt with topics such as the pathological basis of liver disease, hepatobiliary tumours, paediatric liver diseases, and peri-operative care of the liver recipient.

MCLD has consistently championed the multi-disciplinary approach to liver care and these meetings cater to all liver related specialties including physicians, surgeons, intensivists, radiologists and pathologists.

Previous MCLDs

- MCLD I : The Pathological Basis of Liver Disease
- MCLD II : Hepatobiliary Tumours
- MCLD III : Paediatric Liver Diseases
- MCLD IV : Peri-operative Care of the Liver Recipient
- MCLD V : Living Donor Liver Transplantation
- MCLD VI : A Practical Approach to Acute Liver Failure
- MCLD VII : Liver Diseases & Transplantation – Back to Basics
- MCLD VIII : Liver Diseases & Transplantation – Care of the Critically Ill
**CHENNAI & ITC CHOLA**

**Chennai**, the capital city of Tamil Nadu is sited on the Coromandel Coast of the Bay of Bengal. Throughout its long history the city has played a crucial role in the cultural, historical and academic growth of the country. It is rightly called the cultural hub of South India, famous for its rich heritage of classical dance, music, architecture and sculpture. Today, Chennai is the 4th largest city of India with a vibrant economy powered by its booming automobile and hardware industry and attracts people from all over the world as the educational & health care hub of South India.

**The ITC Grand Chola** has been the home of MCLD since its 5th edition and mirrors its attributes of meticulous detail & generous hospitality. Situated in the heart of Chennai, overlooking the city’s verdant foliage, ITC Grand Chola is an ornate, palatial tribute to one of Southern India’s greatest empires – The Imperial Cholas.

### REGISTRATION DETAILS

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*Registration includes access to all lectures and symposia, Specialty breakfast session on 3rd morning, lunch in conference venue on both days and gala dinner on 2nd evening*
Dr Rela Institute and Medical Centre, an International Medical Facility is a quaternary care hospital dedicated to providing timely and comprehensive care to patients in a calm yet professional environment. The hospital is committed to being an internationally recognised health care provider equipped with state-of-the-art infrastructure. Located in a sprawling 36-acre campus at Chromepet, Chennai; this facility has 450 beds inclusive of 130 critical care beds, 14 operating rooms, contemporary reference laboratories and cutting-edge radiology services. The centre is easily accessible with excellent connectivity through road, rail and air transport.