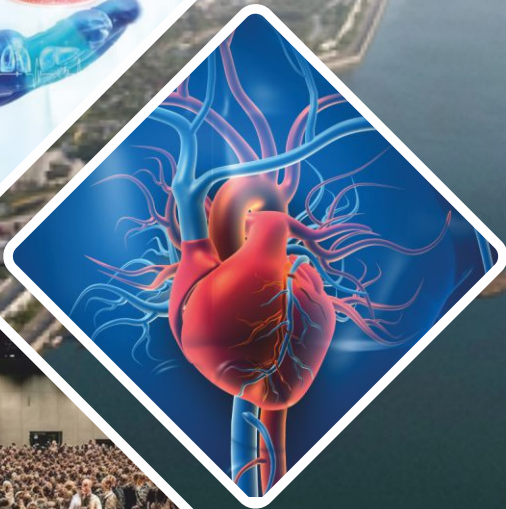


# INSHLT 2024

5th ANNUAL CONFERENCE

18-20 OCTOBER, 2024 | AHMEDABAD

## INDIA'S BIGGEST HEART & LUNG TRANSPLANT CONFERENCE



JOINT ANNUAL MEETING

**INSHLT SfHFT**

18-20 OCTOBER | AHMEDABAD, GUJARAT, IN



2024

18-20 OCTOBER, 2024

## TENTATIVE PROGRAMME

Encounter the trailblazers  
in the realm of the changemakers

Venue: Club Babylon & Sheraton Convention Centre  
Nr, Babylon Club Road, S P Road,  
Science City Circle, Bhadaj, Ahmedabad, Gujarat

Endorsed by:



Indian Association of  
Cardiovascular-Thoracic Surgeons



**ISHLT**



### FROM THE DESK OF THE CHAIRMEN



**Dr. Milan Chag**

**Dr. Chirag Doshi**

Dear esteemed members of the Indian Society of Heart and Lung Transplantation,

We are honored to invite you to the 5th Annual Conference of the Indian Society of Heart and Lung Transplantation (INSHLT) that is being held in Ahmedabad on October 18-20, 2024. INSHLT has consistently played a pivotal role in fostering advancements in the field of cardiac and pulmonary transplantation, facilitating knowledge exchange, and promoting excellence in patient care. Our society's commitment to the continual development of transplant medicine has established us as frontrunners in the region.

This conference serves as a platform for experts, practitioners, and researchers to come together, share their experiences, and contribute to the further growth of heart and lung transplantation in India. The theme for this year's event, **"LEARN FROM THE PIONEERS"** appropriately captures the essence of our collective pursuit.

Throughout the conference, we will have the privilege of hearing from distinguished speakers who have dedicated their lives to the pursuit of excellence in this field. They will shed light on the latest research, technological innovations, and best practices, providing us with invaluable insights and inspiring us to raise the standard of care.

Moreover, we aim to encourage collaborative efforts among healthcare professionals, researchers, and policymakers, fostering an environment that nurtures cooperation and innovation. By coming together, we can address the challenges we face and work towards finding effective solutions that improve patient outcomes and enhance the quality of life for transplant recipients.

As we embark on this conference, I urge you all to actively participate, engage in stimulating discussions, and make the most of this invaluable opportunity to learn and network. Let us embrace the spirit of collaboration, push the boundaries of our knowledge and capabilities, and continue our noble mission of bringing hope into the lives of those in need.

Let us work together to make a lasting impact in the lives of our patients and advance our collective understanding of cardiac and pulmonary transplantation.

Warm Regards,

**Dr. Milan Chag**

Organising Chairman  
INSHLT, Ahmedabad

**Dr. Chirag Doshi**

Organising Co-Chairman  
INSHLT, Ahmedabad



JOINT ANNUAL MEETING  
**INSHLT SfHFT**  
18-20 OCTOBER | AHMEDABAD, GUJARAT, IN



**2024**



### FROM THE DESK OF THE SECRETARY



**Dr. Dhiren Shah**

Dear Friends,

We are excited to extend an invitation to you for the upcoming **5th Annual National Conference on Indian Society of Heart and Lung Transplants (INSHLT) in India**. With the increasing number of heart and lung transplants in our country, this conference serves as a crucial platform to share insights, advancements, and collaborative efforts in this rapidly evolving field.

The conference aims to bring together leading experts, researchers, and practitioners to discuss the latest innovations, challenges, and opportunities in heart and lung transplantation. Your participation will contribute significantly to the exchange of knowledge and the advancement of transplant-related healthcare in India.

We look forward to your presence at this important event, as your expertise and insights will undoubtedly enrich the discussions and contribute to the collective progress in the field.

Thank you for your consideration, and we hope to see you at the **5th Annual National Conference on Indian Society of Heart and Lung Transplants (INSHLT) in India**.

Best Regards,

**Dr. Dhiren Shah**  
Organising Secretary



JOINT ANNUAL MEETING  
**INSHLT SfHFT**  
18-20 OCTOBER | AHMEDABAD, GUJARAT, IN



**2024**



### CONFERENCE PATRONS

■ Dr. Keyur Parikh

■ Dr. Raajiv Singhal

### EXECUTIVE COMMITTEE

■ Dr. Milan Chag  
Organising Chairman

■ Dr. Chirag Doshi  
Organising Co-Chairman

■ Dr. Dhiren Shah  
Organising Secretary

■ Dr. Jnanesh Thacker  
Joint Secretary

### SCIENTIFIC COMMITTEE

■ Dr. Chintan Sheth (Chair of Scientific Committee)  
Dr. Amit Patel  
Dr. Anvay Mule  
Dr. Chandrashekhar

■ Dr. Harshit Bavishi  
Dr. Manoj Durairaj  
Dr. Julius Punnen  
Dr KB Sriraman

■ Dr. Kapil Iyer  
Dr. Prakash Ludhani  
Dr. Ravi Kumar  
Dr. Sandeep Seth  
Dr. Vijil Rahulan

### TRACK DIRECTORS

■ **ECMO**  
Dr. Dhaval Naik | Dr. Niren Bhavsar

■ **Physiotherapy & Rehabilitation**  
Dr. Deep Parikh | Dr. Hiren Dholakia

■ **Infectious Disease**  
Dr. Surabhi Madan | Dr. Bhavini Shah

■ **Heart & Lung Transplant - Histopathology**  
Dr. Bhavana Mehta | Dr. Gautam Shah

### FOUNDATION TRACK

■ Dr. Kishore Gupta

■ Dr. Amit Chandan

■ Dr. Nikunj Vyas

### PATRONS

■ Dr. AGK Gokhale  
Dr. Balram Airan  
Dr. Kumud Kumar Dhital

■ Dr. Jose Chacko Periappuram  
Dr. K K Talwar  
Dr. K M Cherian

■ Dr. K R Balakrishna  
Dr. P. Venu Gopal  
Dr. Sandeep Attawar  
Dr. Sarvesh Pal

### INSHLT OFFICE BEARERS

■ Dr. T Sunder (President)  
Dr. RMPL Ramnathan (Secretary)

### INSHLT MENTORS

■ Dr. Kewal Krishnan

### SfHFT BEARERS

■ Dr. Julius Punen (President)  
Dr. S. Rajan (Secretary)

### ORGANISING COMMITTEE

■ Dr. Abhishek Tripathi  
Dr. Ajay Jain  
Dr. Ajay Naik  
Dr. Amrish Patel  
Dr. Anish Chandarana  
Dr. Ashish Madkaiker  
Dr. Atul Maslekar  
Dr. Bhavesh Roy  
Dr. Bhavin Desai  
Dr. Bhagyesh Shah  
Dr. Deep Trivedi  
Dr. Divyang Vyas  
Dr. Gopal Rawal  
Dr. Harjeet Dumra  
Dr. Hemang Baxi  
Dr. Hemang Gandhi  
Dr. Hiren Kevadiya  
Dr. Jagdish Mange

■ Dr. Jignesh Mehta  
Dr. Kartik Natrajan  
Dr. Ketan Patel  
Dr. Mahesh Vinchurkar  
Dr. Minesh Patel  
Dr. Mukesh Patel  
Dr. Neeraj Yadav  
Dr. Nitesh Shah  
Dr. Palak Patel  
Dr. Pradip Dabhi  
Dr. Pranav Modi  
Dr. Prateek  
Dr. Pratik Manek  
Dr. Pratik Patel  
Dr. Rajesh Desai  
Dr. Sandeep Agrawal  
Dr. Satya Gupta  
Dr. Saurin Shah

■ Dr. Shaunak Shah  
Dr. Tushar Patel  
Dr. Tejas V. Patel  
Dr. Urmil Shah  
Dr. Vipul Ahir  
Dr. Vipul Kapoor  
Dr. Vishal Sharma  
Dr. Visharad Trivedi  
Dr. Varun Patel

**Perfusionists**  
Ulhas Padhiyar  
Dhanyata Dholakia  
Akash Rajawat



### CONNECT WITH INTERNATIONAL PIONEERS



#### **Dr. Ankit Bharat** M.B.B.S.

Chief of Thoracic Surgery in the Department of Surgery,  
Northwestern Medicine, Chicago, USA

Dr. Ankit Bharat holds the esteemed position of Chief of Thoracic Surgery at Northwestern Medicine. Dr. Bharat completed his medical education and training at premier institutions, earning accolades for his dedication and proficiency. His clinical practice at Northwestern Medicine focuses on providing state-of-the-art care to patients with complex thoracic conditions, including lung cancer and esophageal disorders. His work has been published in prominent medical journals and presented at international conferences. He is a part of several professional societies and is a prominent speaker.



#### **Dr. Hiroshi Date** M.D.

Chairman and Professor,  
Department of Thoracic Surgery, Kyoto University, Japan

Dr. Hiroshi Date, MD, serves as the Chairman and Professor in the Department of Thoracic Surgery at Kyoto University, Japan. Dr. Date achieved a significant milestone by successfully performing the first living-donor lobar lung transplantation in Japan. Since then, he has conducted approximately 400 lung transplants, resulting in a 70% survival rate at the 10-year mark. Dr. Date has performed more than 4,000 thoracotomies and has authored more than 600 peer-reviewed publications in various fields of general thoracic surgery including thoracic malignancy and lung transplantation. Dr. Date's groundbreaking work and continued contributions to thoracic surgery have established him as a prominent figure in the medical community, both in Japan and internationally.



#### **Dr. Jignesh K. Patel** M.D., PhD

Cedars-Sinai California Heart Center,  
California, USA

Dr. Jignesh Patel is a distinguished physician-scientist affiliated with the Cedars-Sinai California Heart Center in California, USA. He holds dual qualifications with an M.D. and a Ph.D., reflecting his comprehensive expertise in both clinical practice and research.



#### **Dr. Kewal Krishan** M.D.

Associate Professor of Clinical Surgery  
Surgical Director of Mechanical Circulatory Supports  
Division of Cardiovascular Surgery, Temple University Hospital & Lewis Katz  
School of Medicine, Philadelphia, PA

Dr. Kewal Krishan holds the esteemed position of Associate Professor of Clinical Surgery and serves as the Surgical Director of Mechanical Circulatory Support at Temple University Hospital, affiliated with the Lewis Katz School of Medicine in Philadelphia, PA. Dr. Krishan is recognized for his expertise in cardiovascular surgery, particularly in the management of mechanical circulatory support devices. Dr. Krishan's leadership in the Division of Cardiovascular Surgery at Temple University Hospital underscores his commitment to excellence in patient care, education, and research. He has several papers published under his name and is a part of several professional associations.



### CONNECT WITH INTERNATIONAL PIONEERS



#### **Dr. Peter Jaksch** M.D.

Department of Thoracic Surgery, Medical University of Vienna,  
Vienna, Austria

Dr. Peter Jaksch is a renowned doctor and an academician who is currently serving at the Department of Thoracic Surgery, Medical University of Vienna. Dr. Jaksch has been a member of several professional societies like ISHLT, ERS, OGP etc. His research has been widely published in esteemed medical journals, and he has been a key figure in advancing new techniques and improving patient outcomes. He has been in the editorial committee of several scientific journals and has been an eminent speaker in several National & International congresses. Throughout his career, Dr. Jaksch has received numerous accolades for his contributions to the field, including national and international awards. His commitment to education and mentorship has also made him a respected educator, shaping the next generation of thoracic surgeons.



#### **Dr. Peter Macdonald** FRACP, PHD, MD, FCSANZ

Medical Director, Heart Transplant Unit,  
St Vincent's Hospital, Sydney

Dr. Peter Macdonald is a Conjoint Professor of Medicine in the University of New South Wales, Medical Director of the Heart Transplant Unit at St Vincent's Hospital, Sydney and Head of the Transplantation Research Laboratory at the Victor Chang Cardiac Research Institute. His major research interests over the last 30 years have been in the areas of heart failure, pulmonary hypertension, heart transplantation, donor management and organ preservation. He has co-authored over 400 peer-reviewed manuscripts. Dr. Peter's contributions have earned him recognition both nationally and internationally, solidifying his reputation as a leading expert in heart transplantation and cardiac research.



#### **Dr. Richard C. Daly** FRACP, PHD, MD, FCSANZ

Department of Cardiovascular Surgery  
Mayo Clinic, Rochester, MN, USA

Dr. Richard C. Daly is a renowned cardiovascular surgeon at the Mayo Clinic and Professor of Surgery at the Mayo Clinic Alix School of Medicine. He completed his medical education and training at the Mayo Clinic, with further specialization in heart and lung transplantation under Professor Sir Magdi Yacoub in London. Dr. Daly directs Pediatric Heart Transplantation and has extensive experience in adult heart and lung transplantation, robot-assisted surgery, and minimally invasive mitral valve repair. Dr. Daly's exceptional contributions to the field have been recognized with the Mayo Clinic Distinguished Clinician Award. As the current Chair of the UNOS Heart Committee, he is instrumental in shaping U.S. national policies for organ allocation. Dr. Daly's expertise, innovation, and dedication to patient care and medical education have established him as a leader in cardiovascular surgery.



### CONNECT WITH INTERNATIONAL PIONEERS



#### **Dr. Shaf Keshavjee** M.D., F.R.C.S.C

Surgeon-in-Chief, UHN,  
University of Toronto, Canada

Dr. Shaf Keshavjee serves as the Surgeon-in-Chief at University Health Network (UHN) and is affiliated with the University of Toronto in Canada. He is renowned for his groundbreaking contributions to thoracic surgery and lung transplantation. Dr. Keshavjee's illustrious career spans decades, marked by pioneering achievements in the field of thoracic surgery. He specializes in advanced surgical techniques for lung transplantation, including ex-vivo lung perfusion (EVLP), which has revolutionized organ preservation and expanded the donor pool. Dr. Keshavjee has authored numerous influential publications and played a pivotal role in shaping international protocols for lung transplantation and thoracic surgery.



#### **Dr. Venkatraman Rajamiyer** FRSC, MD

Director of Heart & Lung Transplantation  
Wythenshawe

Dr. Venkat currently serves as Director of Heart & Lung Transplantation and leads mechanical circulatory support at Wythenshawe. He represents the UK cardiothoracic transplant community and chairs CTAG-UK for heart transplant patients. Dr. Venkat currently serves as Director of Heart & Lung Transplantation and leads mechanical circulatory support at Wythenshawe. He represents the UK cardiothoracic transplant community and chairs CTAG-UK for heart transplant patients. He has performed over 100 heart transplants, including 10 DCD heart transplants, and pioneered the first Heartmate-3 LVAD in the UK with over 120 implants to date. Additionally, Venkat specializes in mitral valve surgery, complex redo surgery, minimal access aortic valve replacement, and lung and heart-lung transplantation.



## PROGRAMME HIGHLIGHTS

### 18-19 OCTOBER, 2024 (FRI-SAT)

#### MAIN SESSIONS

(Case-based Discussion, Live-in-box Sessions, Advance Technology)

- |                         |                         |
|-------------------------|-------------------------|
| ▶ Heart Transplantation | <i>Location: Hall-H</i> |
| ▶ Lung Transplantation  | <i>Location: Hall-L</i> |

#### BREAKFAST SESSIONS

*Location: Hall-Vegas*

- ▶ 18-Oct, 2024 - Interesting Case Discussions
- ▶ 19-Oct, 2024 - Indian Jugaad in Transplantation

#### MEET THE EXPERT SESSION

Exclusive Discussion with Stalwarts of Heart and Lung Transplantation

#### FOCUSED TRACKS

- |  |                         |
|--|-------------------------|
| ▶ 18-Oct, 2024 - Infectious Diseases in Solid Organ Transplant | <i>Location: Hall-A</i> |
| ▶ 18-Oct, 2024 - Physiotherapy & Rehabilitation                | <i>Location: Hall-B</i> |
| ▶ 19-Oct, 2024 - ECMO & MCS                                    | <i>Location: Hall-A</i> |
| ▶ 19-Oct, 2024 - Heart & Lung Transplant - Histopathology      | <i>Location: Hall-B</i> |

### 20 OCTOBER, 2024 (SUNDAY)

#### FOUNDATION TRACK: SESSION TAILORED FOR BEGINNERS

*Location: Hall-H*

- ▶ Setting up a Transplant Program - Infrastructure to Human Resource
- ▶ Basics of Transplantation
- ▶ Donor Optimization
- ▶ Organ Harvesting Technique (Video Session)
- ▶ Challenges in Transplantation Program



**DAY-1**

**LOCATION : HALL - H | HEART TRANSPLANTATION  
PRE OPERATIVE AND PERI OPERATIVE MANAGEMENT**

**FRIDAY | 18th OCTOBER, 2024**

**07:30 AM REGISTRATION**

### Breakfast Sessions

08:00 AM Breakfast Session-Interesting Case Discussions

### Session 1: Management of Heart Failure Patients

*(Each talk 10 minutes and 20 min discussion after session)*

**Chair Persons :**

**Moderators :**

09:00 AM What's Beyond GDMT (4 Pillars) in Medical Management of Heart Failure Patients? -

09:10 AM Do we need to modify pharmacotherapy (e.g. RAAS inhibitors/ Amiodarone/ NOAC) once patient listed for Heart transplant

09:20 AM CRT/ICD in Heart failure- A financial burden or a marker of the ideal pre transplant patient?

09:30 AM Home Milrinone - Poor man's LVAD?

09:40 AM Question-Answer

### Session 2: Management of heart failure patients

*(Each talk 12 minutes and 24 min discussion after session)*

**Chair Persons :**

**Moderators :**

10:00 AM Do all Heart Failure Patients Referred to Heart Transplant Team need Transplant? - Identifying the reversible Causes for Heart Failure

10:12 AM Management of Acute Decompensated Heart Failure with Intermacs 1 and 2 - The Right Device at the Right Time in Cardiogenic Shock

10:24 AM SCD (Sudden Cardiac Death) in Heart Failure Patients- Causes & Prevention

10:36 AM Question-Answer

**11:00 AM Coffee Break**

### Session 3: Evaluation of Heart Transplant Recipient

*(Each talk 12 minutes and 10 min Discussion After Session)*

**Chair Persons :**

**Moderators :**

11:15 AM When and Who should go for Heart Transplant? -

11:27 AM Challenges in Right Heart Catheterization – Patients on ECMO/LVAD/Pediatric Population

11:40 AM Question-Answer



**DAY-1**

**LOCATION : HALL - H | HEART TRANSPLANTATION  
PRE OPERATIVE AND PERI OPERATIVE MANAGEMENT**

**FRIDAY | 18th OCTOBER, 2024**

**Session 4: Mitral Interventions in Patients with Poor LVEF: Should we do it?**

Chair Persons :

Moderators :

11:50 AM Surgical Perspective

11:58 AM Medical Perspective

12:06 PM Question-Answer

**Session 5: Pre Heart transplant**

Moderators :

12:15 PM Panel Discussion : Selection and Optimization of Marginal Donors

Panelists :

**Session 6:**

Chair Persons :

Moderators :

12:45 PM Pre Transplant Frailty Assessment and Management

12:55 PM Management of Sensitized Recipient

01:05 PM Question-Answer

01:15 PM LUNCH

**Session 7: Peri Operative Heart Transplant**

Chair Persons :

Moderators :

02:00 PM Induction Immunosuppressants - Mandatory or Optional?

02:10 PM Management of Surprised HLA Cross Match Positive Recipient

02:20 PM Weaning from CPB of Heart Transplant Recipient

02:30 PM Special Considerations for Multi-Organ Transplants: Heart's Plus One (or Two)

02:40 PM Question-Answer

**Session 8: Peri Operative Heart Transplant**

Chair Persons :

Moderators :

03:00 PM Management of PGD- LV /RV

03:12 PM Preservation Techniques of Donor Heart --OCS & Machine perfusion

03:24 PM Heart Transplant after Temporary LVAD

03:36 PM Question-Answer



**DAY-1**

**LOCATION : HALL - H | HEART TRANSPLANTATION  
PRE OPERATIVE AND PERI OPERATIVE MANAGEMENT**

**FRIDAY | 18th OCTOBER, 2024**

**Session 9: Peri Operative Heart Transplant**

**Chair Persons :**

**Moderators :**

- 04:00 PM Backbench Repair of Donor Heart
- 04:10 PM Comparison Between Different Preservation Solutions for Donor Heart
- 04:20 PM Navigating Surgical Implantation Challenges- Size Mismatch
- 04:30 PM Bloodless heart Transplant
- 04:40 PM Question-Answer

**Session 10: Peri Operative Heart Transplant**

**Chair Persons :**

**Moderators :**

- 05:00 PM DCD donations and challenges in India
- 05:10 PM Donor Heart with Challenging anatomy
- 05:20 PM Heart transplantation with ABO incompatible donor
- 05:30 PM My Experience of Establishing Heart Transplant in Military Hospital
- 05:40 PM Question-Answer

**06:30 PM P.K. Sen Oration - Dr. Shat Keshvaji**

**07:00 PM Inauguration**

**08:00 PM DINNER**



**DAY-1**

## LOCATION : HALL - L | LUNG TRANSPLANTATION PRE OPERATIVE AND PERI OPERATIVE MANAGEMENT

**FRIDAY | 18th OCTOBER, 2024**

**07:30 AM REGISTRATION**

### Breakfast Sessions

08:00 AM Breakfast Session-Interesting Case Discussions

### Session 1: Lung Transplantation: Criteria and Donor Selection

Chair Persons :

Moderators :

- 09:00 AM Evolution of the ISHLT Consensus Statement on Criteria for Selecting Lung Transplant Candidates: A Review update from 1998 to present and its effect on outcomes
- 09:10 AM Managing the patient on transplant waiting list
- 09:20 AM Eisenmengerised candidate management and correct time for Heart-Lung transplantation
- 09:30 AM Enhancing Donor Management for Improved Lung Transplant Outcomes
- 09:40 AM Question-Answer

### Session 2: Presurgical Strategies for Improving Lung Transplantation Outcomes

Chair Persons :

Moderators :

- 10:00 AM Traferox: Ex Vivo Perfusion for Lung Transplantation
- 10:12 AM Lung Transplantation: Shifting Perspectives from Brain Death to Cardiac Death Donors and the Future in India
- 10:24 AM Lung Transplantation in COVID-19 ARDS: Challenges and Lessons Learned
- 10:36 AM Question-Answer

### Session 3: Critical Assessments and Challenges in Lung Transplantation

Chair Persons :

Moderators :

- 11:00 AM Assessment of Frailty and Nutrition Management Preceding Lung Transplantation
- 11:10 AM Psychological Assessment and Preparation of Lung Transplant Candidates
- 11:20 AM Understanding HLA, PRA, and Cross-Match Reports in Lung Transplantation
- 11:30 AM Lung Transplantation and GERD
- 11:40 AM Question-Answer

### Session 4: Double lung transplantation vs Heart Lung transplantation in Idiopathic pulmonary artery hypertension

Moderators :

12:00 PM Panel Discussion :



### DAY-1

## LOCATION : HALL - L | LUNG TRANSPLANTATION PRE OPERATIVE AND PERI OPERATIVE MANAGEMENT

**FRIDAY | 18th OCTOBER, 2024**

### Session 5: Insights from Experts

Chair Persons :

Moderators :

12:30 PM Lung Transplantation in Lung Carcinoma: Expanding Frontiers

12:40 PM Evaluating Lung Transplant Candidates from an Anesthesiologist's Perspective

12:50 PM ECMO Considerations for Acute Exacerbation of ILD as a Bridge to Lung Transplant

01:05 PM Question-Answer

01:15 PM **LUNCH**

### Session 6: Peri Operative lung Transplant

Chair Persons :

Moderators :

02:00 PM Avoiding pitfalls during Lung procurement

02:10 PM Role of Warm and Cold Ischemia in the Development of PGD and CLAD

02:20 PM Marginal Donor, Marginal Recipient: Exploring Outcomes in Lung Transplantation

02:30 PM Anaesthetic Management in Lung Transplantation: Challenges and Solutions

02:40 PM Question-Answer

### Session 7: Panel discussion

Moderators : Dr. Jnanesh Thacker

03:00 PM Panel Discussion : size mismatch between donor and recipient

### Session 8: Lung Transplant Surgical Insights

Chair Persons :

Moderators :

03:30 PM Techniques for managing size mismatch in Bronchial and Vascular Anastomosis

03:42 PM Living Lobar Lung Transplantation: How do I prepare for my first case

03:54 PM Challenges in Lung Transplantation for Pulmonary Arterial Hypertension (PAH)

04:06 PM Question-Answer

### Session 9: Critical Debate: Off-Pump vs. ECMO in Lung Transplantation

04:30 PM Non-ECMO (Dr. Jnanesh Thacker/Dr. Kewal Krishan) vs.  
ECMO (Dr. Sandeep Attawar /Dr. T Sunder) in Lung Transplantation

### Session 10: Peri Operative lung Transplant

05:00 PM Fluid and Electrolyte Management after Lung Transplantation

05:10 PM Patient Blood Management for Lung Transplantation

### Session 11: Panel discussion

Moderators :

5:30 PM Panel Discussion : Management of Sensitized Recipients

### 07:00 PM Oration & Inauguration

08:30 PM **DINNER**



**DAY-1**

**LOCATION : HALL - A | FOCUSED TRACKS**  
**INFECTIOUS DISEASES IN SOLID ORGAN TRANSPLANT**

**FRIDAY | 18th OCTOBER, 2024**

**Session 1:**

**Chair Persons :**

**Moderators :**

- 02:00 PM Respiratory viral infections in heart and lung transplant
- 02:25 PM Drug interactions and therapeutic drug monitoring- Know them to hit the right note!
- 02:55 PM Evidence based prophylaxis for heart and lung transplant
- 03:20 PM ECMO and VAD related infections-Prevention and management
- 03:45 PM Tuberculosis in heart and lung transplantation: considerations for screening, prophylaxis, and treatment

**04:15 PM Tea Break**

**Session 2:**

**Chair Persons :**

**Moderators :**

- 04:30 PM Indian Perspective to management of Invasive fungal infections
- 05:00 PM CMV in heart and lung transplant- newer therapeutic modalities
- 05:25 PM Is my patient ready for the transplant? (Pre-transplant screen and vaccination) -

**Session 3:**

**Chair Persons :**

- 05:50 PM Positive Cultures from the heart and lung donor – What do I make of them? (Interactive session)

**Moderator:**

**Penalist:**

- 06:20 PM Challenging cases in Thoracic Organ transplant- Solving them across the table (Panel)

**Moderator:**

**Penalist:**

- 07:10 PM JAMA -Just Ask Me Anything (all speakers)



**DAY-1**

**LOCATION : HALL - A | FOCUSED TRACKS  
PHYSIOTHERAPY & REHABILITATION**

**FRIDAY | 18th OCTOBER, 2024**

**10:00 AM REGISTRATION**

### Breakfast Sessions

11:30 AM Breakfast Session-Indian Jugaad

### Session 1: Pre Operative Transplant Rehabilitation

11:30 AM cardio pulmonary exercise testing (CPET) in heart transplantation  
11:45 AM Renewing Life: A Lung Transplant Rehabilitation Journey.  
12:00 PM Overview of rehabilitation protocols for heart and lung transplants - challenges and outcomes  
12:15 PM Fueling resilience: pre and post –transplant nutrition essential  
12:30 PM Heart and lung transplant rehabilitation counseling  
12:45 PM Question-Answer

### Session 2: Peri operative Transplant Rehabilitation

2:00 PM Team collaboration in transplant rehabilitation: enhancing interdisciplinary communication and coordination among physiotherapists, transplant physicians, nurses, and other healthcare professionals  
2:10 PM Mobility and ambulation: early mobilization strategies to prevent complications post-transplant in critically ill patients  
2:20 PM Unveiling exercise limitations: evaluating functional capacity after heart transplantation  
2:30 PM Patient case insights in heart and lung transplant rehabilitation  
2:40 PM Question-Answer

### Session 3: Peri operative Transplant Rehabilitation

3:00 PM Optimizing Cardiovascular Training Post-Heart Transplant  
3:15 PM Post-transplant rehabilitation protocols: tailoring exercise programs and rehabilitation strategies for Heart/ lung transplant recipients.  
3:30 PM Innovative technologies in physiotherapy: exploring the role of virtual rehabilitation, wearable devices, and telemedicine in supporting transplant patients' recovery and monitoring.  
3:45 PM  
4:00 PM

### Session 4: : Case Discussion

4:30 PM Case on heart transplant  
5:00 PM Case on Lung transplant  
5:30 PM Case on patient with ECMO  
6:30 PM Case on critically ill patient  
6:30 PM **Oration & Inauguration**  
8:00 PM **Dinner**



**DAY-2**

### LOCATION : HALL - H | HEART TRANSPLANTATION POST OPERATIVE MANAGEMENT OF HEART TRANSPLANT RECIPIENTS, MCS AND RECENT ADVANCES

**SATURDAY | 19th OCTOBER, 2024**

**07:30 AM REGISTRATION**

#### Breakfast Sessions

8:00 AM Breakfast Session-Indian Jugaad in Transplantation

#### Session 1:

Chair Persons :

Moderators :

9:00 AM Management of RV Failure Secondary to High PVR post Heart Transplantation

9:12 AM Advances in Management of Heart Transplant Rejections- ACR/AMR

9:24 AM Unique Challenges in Pre, Peri and Post Operative Pediatric Heart Transplant

9:36 AM Question-Answer

#### Session 2:

Chair Persons :

Moderators :

10:00 AM Unique Challenges and Management of Recipients with Pre Transplant Altered LFT

10:10 AM Unique Challenges and Management of Recipients with Pre Transplant Cardiorenal Syndrome

10:20 AM Heart Transplant for Failed Transplanted Heart

10:30 AM CAV- Risk Factors and Optimization – Should We Start mTOR Inhibitors to All?

10:40 AM Question-Answer

**11:00 AM Coffee Break**

#### Session 3: Meet the Expert

Moderators :

11:15 AM Meet the Expert Session MODERATOR

Panelist :

#### Session 4:

12:00 PM From A(spergillus) to Z(oster): Post-Heart Transplant Infection & Molecular Diagnosis

12:12 PM Maintenance Immunosuppressants Related Complications and Management

12:24 PM Long Term Follow up Care for Heart Transplant Recipients - How to Improve Quality of Life and Survival?

12:36 PM Question-Answer



**DAY-2**

### LOCATION : HALL - H | HEART TRANSPLANTATION POST OPERATIVE MANAGEMENT OF HEART TRANSPLANT RECIPIENTS, MCS AND RECENT ADVANCES

**SATURDAY | 19th OCTOBER, 2024**

**01:00 PM LUNCH**

#### Session 5:

**Moderators :**

2:00 PM Panel Discussion : Surveillance and Diagnosis of Heart Transplant Rejections- Role of EMBs, DSA, Liquid Biopsy, CMRI

**Panelists :** Dr Sandeep Shah, Dr. R Ravikumar, Dr. Manish Maurya, Dr. Jasmeet, Dr. Sandeep Attawar, Dr. Sandeep seth, Dr. Kumud Dhittal, Dr. Bhavana Mehta, Dr. Jignesh Patel, Dr. Peter Mcdonald

#### Session 6:

**Chair Persons :**

**Moderators :**

2:30 PM

2:42 PM Risk of infection induced graft loss post transplantationDr. Prabin Kumar

2:54 PM **Question-Answer**

#### Session 7:

**Chair Persons :**

**Moderators :**

3:00 PM Challenges and Mitigating Patient Monitoring Post Heart Transplant – Role of Remote Patient Monitoring / Electronic Registry / TPMS

3:12 PM Advanced Plumbing: How to Manage Complex Connections in Adult Congenital Heart Transplant Recipients

3:24 PM Do our Patients need Total Artificial Hearts ? - Experience on the Syncardia Device

3:36 PM **Question-Answer**

#### Session 8:

**Chair Persons :**

**Moderators :**

4:00 PM Durable MCS- Insertion Techniques & Tips & Tricks

4:12 PM Novel Approaches to Anticoagulation in LVAD

4:24 PM Troubleshooting in LVAD Management

4:36 PM **Question-Answer**



**DAY-2**

**LOCATION : HALL - H | HEART TRANSPLANTATION  
POST OPERATIVE MANAGEMENT OF HEART TRANSPLANT  
RECIPIENTS, MCS AND RECENT ADVANCES**

**SATURDAY | 19th OCTOBER, 2024**

**Session 9:**

**Chair Persons :**

**Moderators :**

5:00 PM	MCS- Newer Developments and Comparing Different MCS Available in Current Market
5:10 PM	Abdominal Heart Transplant - Biological LVAD
5:20 PM	Xenotransplant
5:30 PM	AI (Artificial Intelligence) in Heart transplant and heart failure
5:40 PM	Question-Answer
7:30 PM	DINNER



**DAY-2**

**LOCATION : HALL - L | LUNG TRANSPLANTATION**

**SATURDAY | 19th OCTOBER, 2024**

**07:30 AM REGISTRATION**

### Breakfast Sessions

8:00 AM Breakfast Session

### Session 1:

**Chair Persons :**

**Moderators :**

9:00 AM Physiology and Pharmacology of Transplanted Lung  
9:12 AM Hemodynamic optimisation after lung transplant: a balancing act  
9:24 AM Pathophysiology of ischcemic reperfusion injury and its management  
9:36 AM Airway complications after lung transplantations  
9:48 AM **Question-Answer**

### Session 2:

**Chair Persons :**

**Moderators :**

10:00 AM Xoport - Lung preservation at 10 degrees  
10:12 AM Bronchoscopy post lung tx -when to do and when not to do?  
10:24 AM Post lung transplant ecmo management  
10:36 AM **Question-Answer**

### Session 3:

**Moderators :**

11:15 AM Panel discussion on immunosupression --ramanathan peter jacks vivek vijil srinivas

**Panelist :**

### Session 4:

11:30 AM Immediate post lung transplant complications pecha pucha  
11:42 AM Post lung transplant atrial fibrillation :protocol for management  
11:54 AM Hyperammonemia in post lung transplant  
12:06 PM Delirium Post lung transplant :how to prevent and treat.  
12:18 PM Post lung transplant early surgical complications  
12:30 PM CMV and lung transplant rejection- Diagnosis and its management  
12:42 PM Point of care ultrasound post lung transplant  
12:54 PM **Question-Answer**



**DAY-2**

**LOCATION : HALL - L | LUNG TRANSPLANTATION**

**SATURDAY | 19th OCTOBER, 2024**

**01:00 PM LUNCH**

**Session 5:**

**Chair Persons :**

**Moderators :**

- 02:00 PM Diagnosis monitoring and therapeutic challenges of acute cellular rejection
- 02:12 PM Diagnosis monitoring and therapeutic challenges of antibody mediated rejection
- 02:24 PM Diagnosis of lung graft rejection and infection : a lung pathologist's perspective
- 02:36 PM **Question-Answer**

**Session 6:**

**02:46 PM Meet the expert-shaf keshavjee/sandeep attawar/hiroschi date/ankit bhara**

**Session 7:**

**Chair Persons :**

**Moderators :**

- 03:30 PM Challenging situations in lung transplantation
- 03:42 PM Techniques in lobar and segmental lung transplantation
- 03:54 PM Covid ARDS: challenges during lung transplantation and lessons learned
- 04:06 PM Redo lung transplantation
- 04:18 PM Mamangement of pleural space complications
- 04:30 PM Novel methods to diagnose rejection
- 04:42 PM **Question-Answer**

**Session 8:**

**Moderators : Dr. Jnanesh Thacker**

**5:12 PM Panel Discussion : The Secret Sauce of Success - From Building team to building an institute**

**Panelists :**

**Session 9:**

- 5:30 PM CLAD (BOS,RAS,NRAD)
- 5:42 PM Immunomodulation with extra corporeal photopheresis
- 5:54 PM mmunomodulation with total body irradiation
- 6:06 PM PTLD post lung transplantation
- 6:18 PM Quality of life after lung transplantation
- 6:30 PM Palliative care and lung transplant
- 6:42 PM Drones in transportation of donor organs
- 6:54 PM Lung Transplantation for destroyed lung due to tuberculosis
- 7:06 PM Total artificial wearable lung

**7:30 PM DINNER**



**DAY-2**

**LOCATION : HALL - A | FOCUSED TRACKS  
ECMO & MCS**

**SATURDAY | 19th OCTOBER, 2024**

**Session 1: 11 AM to 12 PM**

**Chair Persons :**

**Moderators :**

Physiology of gas exchange and Oxygenation in ECMO

Overview of ECMO Circuit, set up, troubleshooting in ECMO circuit related issues - **Mr. PVS Prakash (NH perfusionist)**

Decision making process for initiating ECMO support - Indications and contraindications

**Question-Answer**

**Session 2: 12 PM to 01 PM**

**Chair Persons :**

**Moderators :**

Cannulation techniques for both VV and VA ECMO & strategies to minimize its complications

Ultrasound guided cannulation and vessel assessment

Pediatric ECMO- Differences in Cannulation strategies & circuit configurations

**Question-Answer**

**LUNCH 01 PM to 02 PM**

**Session 3: 2 PM to 3 PM**

**Chair Persons :**

**Moderators :**

Common Complications associated with ECMO support

Prevention and management of neurological and gut related complications on ECMO

Anticoagulation protocols & management of bleeding & thrombotic complications

Blood product management & transfusion thresholds on ECMO

**Question-Answer**

**Session 4: 3 PM to 4 PM**

**Chair Persons :**

**Moderators :**

Ventilator management strategies during VA & VV ECMO

Troubleshoot common mechanical issues and alarms encountered during ECMO support

ECMO utilization & management in massive pulmonary embolism and right heart failure

**Question-Answer**



**DAY-2**

**LOCATION : HALL - A | FOCUSED TRACKS  
ECMO & MCS**

**SATURDAY | 19th OCTOBER, 2024**

**Session 8: 4 PM to 5 PM**

**Chair Persons :**

**Moderators :**

Techniques for ECMO assisted DCD Procurement

Challenges and management of safe transport of ECMO supported patients

Current research trends & studies in the field of ECMO

**Question-Answer**

**Session 8: 5 PM to 6 PM**

**Chair Persons :**

**Moderators :**

Hybrid ECMO configurations - Indications and challenges

Weaning and decannulation strategies for VA and VV ECMO

ECPR- patient selection, cannulation strategies, complications and outcome

**Question-Answer**

**Session 9: 6 PM to 7 PM**

Hemodynamic management & monitoring in ECMO supported cardiac patients

Comparison of different techniques for left ventricular decompression during VA ECMO

Timing of initiation of ECMO support & outcomes among patients with cardiogenic shock

**Question-Answer**



### DAY-2

## LOCATION : HALL - B | FOCUSED TRACKS HEART & LUNG TRANSPLANT - HISTOPATHOLOGY

**SATURDAY | 19th OCTOBER, 2024**

### Session 1: Heart Transplant Pathology

Chair Persons :

Moderators :

- 2:00 PM Pathology of Heart Transplantation : Role of Endomyocardial biopsy in the assessment of Allograft Transplant Rejection
- 2:50 PM Question-Answer
- 3:00 PM C4d and C3d interpretation of Endomyocardial biopsy in the assessment of Allograft Transplant Rejection
- 3:50 PM Question-Answer

### Session 2: Lung Transplantation

Chair Persons :

Moderators :

- 4:00 PM Pathology of Lung disorders for whom transplant is essential
- 4:45 PM Question-Answer
- 4:55 PM Lung changes HPE and IHC In covid damaged lung tissue.Pathogenesis and need for transplant
- 5:25 PM Question-Answer
- 5:30 PM Pathology of Lung Transplantation : Role of Endobronchial/Transbronchial biopsy in the assessment of Allograft Transplant Rejection
- 6:00 PM Question-Answer

### Session 3: Interesting Case Discussion

- 6:10 PM Interesting cases of Endomyocardial biopsy
- 6:40 PM Interesting cases of lung transplant biopsy
- 7:20 PM Question-Answer



**DAY-3**

**LOCATION : HALL - C | FOUNDATION TRACK  
SESSION TAILORED FOR BEGINNERS**

**SUNDAY | 20th OCTOBER, 2024**

**07:30 AM REGISTRATION**

**Session 1:**

**Chair Persons :**

**Moderators :**

8:40 AM Welcome Address

9:00 AM Setting up a Transplant Program-How to Approach

9:20 AM Selecting the right patient for heart Transplantation - Indications/Contraindications/Presurgical workup

9:40 AM Right Heart Catheterisation-Procedure and Inference From Data

10:00 AM Panel Discussion & Question-Answer

**Session 2:**

**Chair Persons :**

**Moderators :**

10:10 AM Indications for Lung Transplantation/Referral and Listing Criteria

10:30 AM Donor Optimization

10:50 AM Logistic and Surgical Challenges

11:10 AM Panel Discussion & Question-Answer

**11:00 AM Coffee Break**

**11:15 AM Quiz - Heart & Lung Transplantation**

**01:00 PM NETWORKING LUNCH**

**Session 3:**

02:00 PM Surgical videos for Heart Procurement

02:15 PM Surgical videos for Heart Implantation

02:30 PM Surgical videos for Lung Procurement

02:45 PM Surgical videos for lung implantation

03:00 PM Panel Discussion & Question-Answer

**Session 4:**

03:15 PM Postoperative Monitoring for Transplantation Patients

03:30 PM Primary Graft Dysfunction – How to Tackle It?

03:45 PM Immunosuppression and Medical Therapy After Transplantation

04:00 PM Long-term Outcomes of Heart Transplant and Lung Transplant

04:15 PM Panel Discussion & Question-Answer



## WHO SHOULD ATTEND

- Cardiac Surgeon
- Heart Transplant Cardiologist
- Heart and Lung Transplant Anesthesiologist
- Thoracic Surgeon
- Pulmonologist
- Infectious Disease Specialist
- Pathologist
- Immunologist
- Transplant Critical Care Specialist
- Physiotherapist & Rehabilitation Specialist
- Perfusionist
- Transplant Co-ordinators



## INDUSTRY SPOTLIGHT SESSIONS

Showcase Industry Latest Innovations and Cutting Edge Products

18-19 OCTOBER, 2024 (FRI-SAT)



## Venue and Hotel Details



### Club Babylon & Sheraton Convention Centre, Ahmedabad,

S P Road, Science City Circle,  
Bhadaj, Ahmedabad, Gujarat, India

### About CLUB BABYLON

Gorgeously spread over 47,000 square yards, Club Babylon & Sheraton Convention Centre has a predominant sense of vastness and opulence. Neighbour to an enchanting lake garden - a magnificent 80,000 square yards of flora and fauna, nature is in full bloom in and around Club Babylon.

Towering tall above the ground, and nestling well below it too; Club Babylon flaunts an architecture that you have hardly seen before.

## Highlights of Ahmedabad:



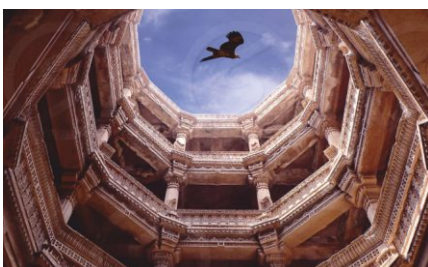
Gandhi Ashram



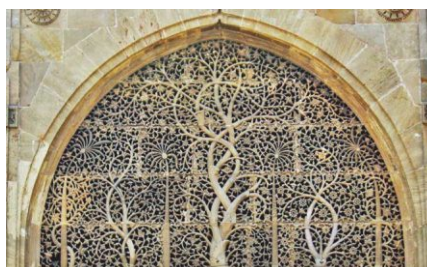
Atal Bridge



Kankaria Lake



Adalaj Stepwell



Sidi Saiyyed Mosque



Dandi Kutir

# INSHLT 2024

## 5th ANNUAL CONFERENCE

18-20 OCTOBER, 2024 | AHMEDABAD

### Registration Fee

Registration Types	Before (30th August 2024)	After (1st Sep. 2024)
01. INSHLT & SfHFT Members Registration	₹ 5000	₹ 8000
02. Non-Members Registration	₹ 8000	₹ 10000
03. Student Registration	₹ 2000	₹ 3000
04. Physiotherapy Registration	₹ 2000	₹ 3000
05. Foundation Track Registration	₹ 2000	₹ 3000

**Note:** Points 1 and 2 include foundation track registration.

### For Program Enquiry

Dr. Dhiren Shah (Organizing Secretary): +91 98255 75933

Mr. Sunil Agrawal : +91 79843 40896

inshltconference2024@gmail.com



# INSHLT 2024

5th ANNUAL CONFERENCE

18-20 OCTOBER, 2024 | AHMEDABAD

**Conference Secretariat:** Marengo CIMS Hospital,  
Off Science City Road, Sola, Ahmedabad - 380060.  
[inshltconference2024@gmail.com](mailto:inshltconference2024@gmail.com)

[www.inshlt2024.com](http://www.inshlt2024.com)

Endorsed by:



Indian Association of  
Cardiovascular-Thoracic Surgeons



**ISHLT**