



3rd - 4th April

IACVTS SCORE

2021

A virtual learning experience

Indian Association of Cardiovascular-Thoracic Surgeons

in association with

**Sri Sathya Sai Institute of Higher Medical Sciences
Whitefield**

IACTS SCORE 2021 is a 2-day academic program for exam-going residents of DNB (CTS 6 years)/MCh (CTVS 3 years) tracks, with the primary objective of providing pearls of success for the exam day with didactic resources and presentations for excellence in examination process. It brings together renowned faculty-teachers and students to ensue meaningful and continued evaluation of the participants to build up on gaps in knowledge, strengthen concepts and draw a line between applicability and prudence in the goal of faring well in examinations and a fruitful career as a CT Surgeon.

This year's event shall take place in a hybrid format- primarily as a virtual event for the safety & convenience of all residents and in-person for pre-selected final year exam-going residents.



**Indian Association of Cardiovascular
Thoracic Surgeons**



**Sri Sathya Sai Insitute of Higher Medical
Sciences**



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Dr. Pawanindra Lal

MS, DNB, FIMSA, FCLS, FRCSEd, FRCSEd, FRCSEng, FACS, FAMS

Executive Director

National Board of Examinations in Medical Sciences

Director Professor,
Department of Surgery,
Maulana Azad Medical College (University of Delhi)
& Associated Lok Nayak Hospital,
New Delhi - 110002, India.

International Faculty



DR. ROBERT H. ANDERSON M.D., PH.D



DR. ALI ZAMIR KHAN FRCS



National Faculty



DR. ARKALGUD SAMPATH
KUMAR M.Ch



DR. BALRAM AIRAN M.Ch



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DR. SHEKHAR RAO M.Ch



DR. M.A GEELANI M.Ch



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DR. PRASANNA SIMHA MOHAN RAO M.Ch



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DR. PARIMALA P. SIMHA D.M



DR. SATHYAKI P. NAMBALA M.Ch



DR. T.S SHIVAKUMARA SWAMY M.Ch



DR. D. KARTHIKEYAN M.D



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Dr. Reeta Varyani MD, DNB
Additional Senior Consultant & I/C HOD

Dr. Prayaag Kini MD, DNB
Additional Senior Consultant



Introduction

IACTS SCORE is a 2-day annual examination orientation and academic review program that is conducted for final year residents pursuing residency in cardiothoracic & thoracic surgical programs.

The program is being curated by the IACTS over the last 7 years in an effort to provide a platform for residents to gain confidence in diagnostic and applied aspects of cardiothoracic surgery, both in theatre and at the bedside of patients.

Conceptualized and executed 'By the residents –For the residents' under the guidance of eminent teachers and experienced examiners, this Boot Camp is an effort for cardiothoracic surgeons-to be to excel in various certification avenues.

Why IACTS SCORE?

The residents attending the program will have a chance to go through their exam day, the difference being, faculty teachers and examiners will be guiding the participants through the structure of examination. Highlights of the program include live-interactive sessions, publication & release of SSSIHMS Notes (8th ed.) with historical anecdotes, dedicated didactic sessions on cardiac morphology, CPB, interpretation of ECG & imaging modalities and live case discussions.

COVID-19 POLICY

Times around the coronavirus pandemic have seen paradigm shifts in all familiar areas of life, including learning and pedagogy. In an effort to ensure the safety of all participants, delegates and organisers, the program shall take place as a virtual-interactive program in a manner such that the effectiveness and novelty of the program remains intact.

The event shall however be open for physical attendance* to 10 final-year (3rd year M.Ch & 5th year DNB) residents of cardiothoracic surgery who are slated to appear for their examinations in the spring cycle of May-July 2021. This effort is being made for examinees to obtain a sense of understanding of the examination process & format of clinical examination with universal precaution and safety in the times of COVID-19.

The organisers have made every effort in ensuring that the essence of teaching and learning are not lost in the process of audio-visual transmission for remote learners. The program has been curated and developed in a format with the premise that the remote learner shall gain as much as a physical attendee at a time when safety precedes all else.

This event is being conducted whilst ensuring universal safety precautions, social-distancing and masks are worn by all those present in the event premises.

** Conduct of IACTS SCORE 2021 is as per the rules and regulations laid down by the Ministry of Health & Family Welfare, Government of India.
The same shall reflect on the registration policy for this event.*



DAY 1 - 3rd April (Saturday)

Session 1 - Orientation

8:00 am - 8:10 am	Inauguration and prayer	
8:10 am - 8:30 am	Welcome Address	Dr. K.S Iyer M.Ch President, IACTS
		Dr. Shekhar Rao M.Ch Director, SSSIHMS, Whitefield
8:30 am - 8:40 am	Address by the Chief Guest	Dr Pawanindra Lal MS, DNB, FRCS Executive Director, NBE
8:40 am - 8:45 am	Orientation of IACTS SCORE & Overview of DNB Examinations	Dr. C.S Hiremath M.Ch Secretary, IACTS

Session 2 - Clinical Case Presentations

8:45 am - 9:45 am	Case 1 Cyanotic congenital heart disease	Dr. K.S Iyer M.Ch Dr. Suresh G. Rao M.Ch Dr. Shekhar Rao M.Ch Dr. P.S Seetharama Bhat M.Ch
	Evaluation & Summation of Candidates' Performance	Dr. P.S Seetharama Bhat M.Ch
10:00 am - 10:15 am	Tea Break	
10:15 am - 11:15 am	Case 2 Acyanotic congenital heart disease	Dr. K.S Iyer M.Ch Dr. Balram Airan M.Ch Dr. Vinayak Shukla M.Ch Dr. Prasanna Simha M. R M.Ch
	Evaluation & Summation of Candidates' Performance	Dr. Prasanna Simha M. R M.Ch
11:30 am - 12:30 pm	Case 3 Cyanotic congenital heart disease	Dr. K.S Iyer M.Ch Dr. P.S. Seetharama Bhat M.Ch Dr. Neelam B. Desai M.Ch Dr. C. S Hiremath M.Ch
	Evaluation & Summation of Candidates' Performance	Dr. K.S Iyer M.Ch
12:45 am - 1:15 pm	Lunch Break	



Session 3 - Masterclass

1:15 pm - 2:00 pm	A Master's Perspective on Managing Tetralogy of Fallot	Dr. K.S Iyer M.Ch President, IACTS
2:00 pm - 2:45 pm	Sequential Segmental Analysis of Congenital Heart Diseases	Dr. Robert H. Anderson M.D, Ph.D Professor of Child Health University College London, United Kingdom
2:45 pm - 3:00 pm	Fundamentals of Paediatric Cardiac Intensive Care	Dr. Parvathi U. Iyer M.D Director-PICU Fortis-Escorts Heart Institute, New Delhi

Session 4 - Rapid Revision

3:30 pm - 4:00 pm	ECG for Cardiothoracic Surgeons	Dr. Prasanna Simha M. R M.Ch Professor of CTVS & Unit Head SJICSR, Bengaluru
4:00 pm - 4:30 pm	Chest X-Ray for Cardiothoracic Surgeons	Dr. Anil G. Tendolkar M.Ch Former Professor & HOD-CTVS LTMMC & Sion Hospital, Mumbai
4:30 am - 5:00 pm	Essentials of TEE/TTE for the CT Surgeon	Dr. Deepak Tempe M.D Former Dean, Professor of Excellence & Head of Cardiac Anaesthesia MAMC, New Delhi

5:00 pm - 5:15 pm Tea Break



Session 5 - Rapid Revision

5:15 pm - 6:15 pm

CT & CMR for the CT Surgeon

Dr. D. Karthikeyan M.D
Senior Consultant Radiologist
SRM Institutes for Medical
Science, Chennai

6:15 pm - 7:30 pm

Cardiopulmonary Bypass-
Scenarios & Salvaging them

Dr. Prasanna Simha M. R M.Ch
Professor of CTVS & Unit Head
SJICSR, Bengaluru

Dr. Shiv Kumar Choudhary M.Ch
Professor & Head of CTVS
AIIMS, New Delhi

Dr. C.S Hiremath M.Ch
Secretary, IACTS

7:30 pm - 8:30 pm

Residents' Digi Quiz

Dr. C.S Hiremath M.Ch
Secretary, IACTS

Dr. Prasanna Simha M. R M.Ch
Professor of CTVS & Unit Head
SJICSR, Bengaluru

8:30 pm

Concluding Remarks & Dinner



DAY 2 - 4th April (Sunday)

Session 6 - Crash Course

8:00 am - 9:00 am	Catheterisation Studies & Coronary Angiograms for CT Surgeons	Dr. Prasanna Simha M. R ^{M.Ch} Professor of CTVS & Unit Head SJICSR, Bengaluru
9:00 am - 10:00 am	Evolution of Paediatric Cardiothoracic Surgery	Dr. K. S Iyer ^{M.Ch} President, IACTS
10:00 am - 10:15 am	Tea Break	
10:15 am - 11:00 am	Evolution of Valvar Bioprostheses	Dr. A. Sampath Kumar ^{M.Ch} Former Professor & Head-CTVS, Chief-CTC AIIMS, New Delhi
11:00 am - 11:45 am	Interpretation & Management of Arterial Blood Gases	Dr. Parimala P. Simha ^{D.M} Professor of Cardiovascular Anaesthesiology SJICSR, Bengaluru
11:45 am - 12:30 pm	Assessment, Documentation & Presentation of Thoracic Cases	Dr. Ali Zamir Khan ^{FRCS} Consultant Thoracic Surgeon St. Bartholomew's Thorax Center, United Kingdom

12:30 pm - 1:15 pm

Lunch Break

Session 7 - Clinical Case Presentations

1:15 pm - 2:15 pm	Case 4 Valvular heart disease	Dr. A. Sampath Kumar ^{M.Ch} Dr. Sushila Sripad ^{M.Ch} Dr. O.P. Yadava ^{DNB} Dr. M.A. Geelani ^{M.Ch}
	Evaluation & Summation of Candidates' Performance	Dr. O.P. Yadava ^{DNB}
2:30 pm - 3:30 pm	Case 5 Thoracic disease	Dr. S.V. Srikrishna ^{M.Ch} Dr. Ravindra Kumar Dewan ^{M.Ch} Dr. Ali Zamir Khan ^{FRCS} Dr. T.S. Shivakumara Swamy ^{M.Ch}
	Evaluation & Summation of Candidates' Performance	Dr. S.V. Srikrishna ^{M.Ch}



3:45 pm - 4:45 pm	Case 6 Redo cardiothoracic surgery	Dr. A. Sampath Kumar M.Ch Dr. Balram Airan M.Ch Dr. O.P. Yadava DNB Dr. Shiv Kumar Choudhary M.Ch
	Evaluation & Summation of Candidates' Performance	Dr. Shiv Kumar Choudhary M.Ch
5:00 pm - 5:15 pm	Tea Break	
	<i>Session 8 - Rapid Revision</i>	
5:15 pm - 5:45 pm	Current Trends in Mechanical Circulatory Support	Dr. Balram Airan M.Ch Former Dean, Professor & Head-CTVS, Chief-CTC AIIMS, New Delhi
5:45 pm - 6:15 pm	What's New & Essential to Know in Clinical Trials of CTS?	Dr. Pradeep Narayan FRCS Associate Editor Indian Journal of Thoracic & Cardiovascular Surgery
6:15 pm - 7:00 pm	Instruments & Steps in Cardiothoracic Surgery: Practical Demonstration	Dr. K.S Iyer M.Ch President, IACTS Dr. Prasanna Simha M. R M.Ch Professor of CTVS & Unit Head SJICSR, Bengaluru Dr. Sathyaki Nambala M.Ch Chief Cardiac Surgeon Apollo Hospitals, Bengaluru
	<i>Session 9 - Conclusion</i>	
7:00 pm - 7:30 pm	Experience of Residents completing their certification exams in first attempt	Dr. N. Harshavardhan M.Ch Dr. D. Tejdeep (DNB)
	Oral Feedback from Residents and Faculty	
	Concluding Remarks & Vote of Thanks	Dr. C.S Hiremath M.Ch
	National Anthem	



Instructions to delegates

- Registration for IACTS SCORE 2021 carries no fees
- Residents enrolled in a certified Cardiothoracic surgical program are eligible to attend the program
- Final year/ Exam-going Residents are encouraged to apply to attend the event in person, while others may attend the same virtually.
- 20 Exam-Going Residents shall be given priority to attend the event as In-Person Delegates
- Last Date for Registration: **Sunday 28th March 2021; 11:59 PM**
- Click Here to Register (Virtual & In-Person): <https://bit.ly/3lh2Uzu>
- **Karnataka Medical Council has granted 2 Credit Points for all delegates attending this program (No Certificates will be awarded for Registrations after the Last Date)**

Specific Instructions to Selected-In-Person Delegates (IPD)

- IPD are required to arrange for their own travel and accommodation.
(List of lodging options are available here: <https://www.iacts.org/content/iacts-score-2021>)
- IPD are required to undergo and submit an RT-PCR test report no less than 48-hours before attending the event. Those who have been vaccinated may submit a vaccination certificate instead.
- IPD are required to carry a valid Government Photo ID Proof & their Institutional ID badge on their person at all times of attending the event.
- Wearing of Masks & Maintenance of Social Distancing is compulsory throughout the duration of the event.

Specific Instructions to Virtual Delegates

- Virtual Delegates are required to register using the same link as mentioned above.
- Virtual Delegates are eligible to receive a certificate of participation on the criteria that they :
 - Register for the event (on the link indicated above) before the Last Date for Registration
 - Clock at least 75% of the total event-time online
 - Complete the Feedback Form released during the event



CONTACT DETAILS

For any clarification/ queries regarding Registration, please contact:

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For any queries, feel free to mail us on iacts.score@gmail.com

Brought to you by :

Dr. C.S Hiremath M.Ch
Organising Secretary
IACTS SCORE-2021

Secretary

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