The 13th National & 4th International Transoesophageal Echocardiography Workshop was held Under the banner of Indian Association of Cardiovascular Thoracic Anaesthesiologists (IACTA), in collaboration with International Society of Cardiovascular Ultrasound (ISCU), Indian Academy of Echocardiography (IAE), The Simulation Society (TSS) & University of Minnesota Health, from 28th August to 1st September 2019 at Narayana Health City, Bangalore, Karnataka, India. This meeting was endorsed by European Association of Cardiothoracic Anaesthesiology (EACTA) & American Society of Echocardiography (ASE).

Organizing Team:
The meeting was planned and organized taking into account the views of national and international advisors. Dr. Muralidhar Kanchi (Narayana Health City, Bangalore) was the Course Director and Dr. Kumar Belani (University of Minnesota Health) the Course Co-Director. Dr BK Mahala, (Narayana Health City, Bangalore) was the scientific advisor. The workshop consisted of the following:

A) Basic TEE (PWTEET) was held for 2-days (Wednesday to Thursday) 28th & 29th August 2019.
Karnataka Medical Council (KMC) has granted six-credit hours vide letter no. KMC/CME/260/2019; dated 20th June 2019.

Basic TEE workshop Inaugurations:
Dr. James Harmon, Dr. A M Jagadeesh, Dr. B K Mahala, Dr. Sathish Chandra Govind, Dr. Muralidhar K

B) Advanced TEE workshop was held for 3-days (Friday to Sunday) from 30th August to 1st September 2019
Number of delegates attended = 159; number of faculty= 111 total participants= 270; notable feature was that the participants were from the disciplines of anesthesia, cardiology, cardiac surgery and intensive care.
Karnataka Medical Council (KMC) has granted six-credit hours vide letter no. KMC/CME/262/2019; dated 20th June 2019.

2) **Hand’s on session:** There were 05 stations allowing the participants to rotate in a timely fashion. The delegates had an in opportunity to learn and perform transthoracic echocardiography on human volunteers, TEE on a simulator. Hands-on session included demonstration on mannequins, lung ultrasound, oesophageal Doppler, haemodynamic monitoring with TEE vs. other modalities, transthoracic echocardiography (TTE), 3D TTE and ultrasound for vascular access.
Inaugural address by Dr. Kiran Mazumdar Shaw, Founder of Biocon Limited during the lamp-lighting on
"Intra-operative echocardiography during cardiac surgery"

Souvenir release by
Dr. Rajesh Arya, Secretary of IACTA & Dr. Poonam Maholtra, President of IACTA
From left to right Dr. Kumar Belani, (Course Co-Director University of Minnesota Health)
Dr. Muralidhar Kanchi (Course Director, Narayana Health City, Bangalore)
Dr BK Mahala, (Scientific Advisor, Narayana Health City, Bangalore)

**FTEE examination:** was conducted during the workshop. Theory examination (on-line computer-based) was held on 30th August 2019, eighteen candidates appeared. Practical examination was conducted on the 1st September 2019; 18 appeared for the practical examination and all the 11 cleared the examination.

Dr. Salome Jeyabalan from Narayana Institute of Cardiac Sciences, Bangalore was the topper and will get the IACTA-Belani Award for the year 2019.

**Feedback from Faculty & Delegates**

Dr. Anuja Kulkarni

Thank you Muralidhar Sir for giving me the opportunity🙏
My first time at Narayana TEE conference, looked forward to it since the time i joined nine months back as a fellow.
It was a great experience, lots of learning from all the Seniors🙏
Mistakes if any may pls be forgiven!
My honour to be amongst such great personalities in the field..🙏
Take care!
Special thanks to my colleague and friend Dr Ritika 🙏🙏 ur backing is valued !!!

FATE WORKSHOP TEAM😊.. Thanks sir for giving me opportunity to work with Dr. Vinayak sir, Dr Shrinivas sir ,Dr. Nilesh sir... It was indeed pleasure to work with them.. I feel proud about😊😊👍

Dr. Anuja Kulkarni

Very well conducted 🙌
Was helpful .. Thank you to all respected Faculties !
Wish u al a happy journey back home 😊

Dr. Amarja Nagre

Thank you Sir and the entire team for putting up a great show...Excellent and enriching academic sessions.
Thank you for having me...Kudos !

Dr. P S N Raju

Thank you Dr Muralidhar for excellent organisation of 13th National TEE workshop and hospitality.🙏
Dr. Satya Swaroop
Thanks Muralidhar sir for the opportunity it was an enriching experience and excellent hospitality

Dr. Hariprasad
Thanks sir and the entire team

Dr. Jose Jacko
Thanks Murali, Ratan, and the rest of the team. The meeting was as good as always!

Dr. Sandeep Mutha
Thanks NH team for a academic feast.

Dr. Shitalkumar Shah.
Dear Dr Muralidhar and team, Thank you for excellent programme and wonderful organization and hospitality as always.

Dr. Roopa K P
Thank you sir, it has been a humbling experience!

Dr. Srinivas G
Congratulations Dr Muralidhar Sir for excellent organisation of the TEE workshop. Thanking you for the hospitality.

Dr.
Consistency year after year Congratulations again and again zBig thanks for Hospitality
Regards

Dr Arupratan
Thanks Muralidhar sir for this really great conference and hospitality.it was a pleasure to get involved in all possible things.

It was like a happiness festival........

Kind regards
Arupratan

At the same time i want to give thanks to all the support staffs who have worked so hard to make it grand.
Delegate Comments

Dr. Abhishek Sharma
Thanks sir, it was a nicely planned and executed teaching program. Regards 🙏

Dr. Gayatri Balabantary
Thank you Muralidhara sir and team for this wonderful workshop. 🙏

Dr. Anchi Shah
Thank you Sir for this wonderful Workshop!

Dr. Abhi
Thank you dr muralidhar sir for wonderful teaching programs and especially hands on session .... that really helps a lot... 🙏🙏

Dr. Kushboo
Thank you sir wonderful workshop and lectures

Dr. Ajit Gaikwad
Thank you sir it was a great pleasure to attend the workshop and conference. Your team was excellent and everything was managed so well. Thank you.

Dr. Mukesh Kumar Gupta
Thank you sir. Nice to go through all the sessions

Thanks a lot for everybody share in making this great workshop done specially dr Muralidhar thanks sir for everything it changed my perception about tee and tte

Dr. Uma Maheshwari
Thank u Dr. Muralidhar sir nd team, its really help me a lot to improve, especially hands on session, excellent arrangement and teaching. 🙏

Dr. Muralidhar K
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