

❖ Name & Designation	: Dr. Jitin Narula, Senior Resident.
❖ Address	: Dept. of Cardial Anesthesiology, C-Centre, AIIMS, New Delhi-29.
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: Anesthesiology Annual Meeting of the American Society-2014.
❖ Title of the abstract accepted	: Validation of electrical cardiometry in patients undergoing percutaneous Trans-Mitral commissurotomy.
❖ Date & Venue	: 11-15 th October 2014.
❖ Money sanctioned	: ₹ 1,00,000/-
❖ Money reimbursed	: ₹ 98,735/-

Participation Report

Anesthesiology 2014 is the annual conference of the American Society of Anesthesiologists (ASA) organized by the ASA. My abstract was selected for poster presentation there. The conference was attended by 12062 delegates from 83 countries across the world and had the basic theme of Perioperative Surgical Home. The conference had more than 500 sessions spread over 5 days on 11 anesthesia sub-specialities which included oral presentations, clinical forums, problem based learning discussions, point counterpoint sessions and ASA refresher course lectures and simulator as well as cadaveric workshops on airway management.

The list of various sessions attended by me and the acquired CME credit from them is attached alongside.

ACADEMIC HIGHLIGHTS OF THE CONFERENCE

Path breaking medical research works presented at the conference by delegates all across the world were extremely thought provoking for future research work here. Display of perioperative patient data using Anesthesia Information System (AIMS) or Electronic Medication Record (EMR) system stimulated the need of such systems into our daily practice for a greater accountability. Exhibits from various biotechnological firms like Intelliport, Sonic Eye, 3D TEE, TEE simulators which are currently under trials at various institutions across the United States were intriguing.

New developments presented at the conference:

Current concepts, guidelines and perioperative management were discussed over various issues like Sepsis, peri operative blood transfusion, cardio-pulmonary resuscitation, ultrasound guided regional anesthesia have upgraded my knowledge helped me to reform my peri-operative practices in patient management. Discussion on outcome of various trials on Perioperative Cardiology: Results from VISION, POISE-2, SIRS and ENIGMA-2 were carried out and attended by me.

Current controversies on Outpatient and ambulatory anesthesia, Pulmonary artery catheterization,

New development resulting from the conference

I had the opportunity to listen to numerous international speakers at one place and get in touch with many international delegates and exchange views on peri-operative patient management.

The abstract titled "Validation of electrical cardiometry in patients undergoing percutaneous trans-mitral commissurotomy" has been published at the Anesthesiology 2014 Scientific Abstracts website and is available for online reading.

This has given me the impetus to further work on the application of this technology and therefore I will be submitting my new project upon the use of electrical cardiometry in patients undergoing intra operative autologous donation (IAD) during heart valve replacement to ICMR, New Delhi. Outcomes of this study will bring to light the importance of electrical cardiometry monitoring during IAD in patients undergoing heart valve replacement, especially in the Indian scenario where Rheumatic heart disease is extremely prevalent.

Participants contribution to the Training/Workshop

I presented a poster under the category "Equipment, Monitoring and Engineering Technology: Anesthesia Depth and Eclectic Assortment of Cool Stuff". As the theme of the Anesthesiology 2014 was "Perioperative Surgical Home", our study titled "Validation of electrical cardiometry in patients undergoing percutaneous trans-mitral commissurotomy" which highlighted upon the use of new technology towards extending patient safety during intervention cardiac procedures, was very well appreciated for its study design and outcome.