

International Conference on

INTERNAL MEDICINE

October 31-November 02, 2016 San Francisco, USA

Critical care neurocardiology

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Cardiac disturbances are quite frequent in a stroke patient be it arrhythmia or LV dysfunction. It is becoming quite common to observe the heart and brain interaction in the ICU. Critical care at its core takes into consideration the human body in its entirety. Hence the clinical management of the brain and heart disorders cannot be isolated. The care of neurologic patient is influenced by cardiac diseases and likewise neurological consideration is essential in many types of heart diseases. Cardiologists and Neurologists cannot view heart and brain alone respectively and ignore the other. There is a lot of literature with evidence regarding the importance of brain-heart interactions. These relationships in terms of physiological, clinical and management issues on a daily basis are greatest in critical care. Can we consider and coin Neurocardiology in critical care? What are the interactions between the brain and the heart and what is the pathophysiology and how does it influence the management and outcome? In the setting of Critical care, time & proper decision making is a crucial factor. How hemodynamic and intracranial dynamic monitoring helps to determine the immediate and long term management of the patient and how it influences the outcome will be discussed.

Biography

Manimala Rao has completed her MD at AIIMS, India in 1972. She has worked as an Assistant Professor at NIMS and Gandhi Medical College, India. She has also worked as a Professor at NIMS, India from 1987-2004 and as Dean from 1996-1999. She was the President of RSACP, Emergency Medicine, State Chapter ISA, Vice President of ISA & Critical Care. She has published 100 papers in national & international journals. She is a Member of Editorial Board for many national journals. She is currently working as the Head of Anesthesiology & Critical Care and Director of Critical Care at Yashoda Hospitals Hyderabad. Her special interest is in cardiac anesthesia, critical care, education and cadaver transplantation.

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