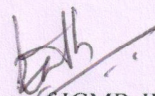


REPORT

Report on Participation of the ICMR International Fellow (ICMR-IF) in Training/Research abroad.

1. Name and designation of ICMR- IF: **Dr. Girija Prasad Rath, Additional Professor**
2. Address: Department of Neuroanaesthesiology & Critical Care, AIIMS, New Delhi
3. Frontline area of research in which training/ research was carried out : Use of transcranial Doppler (TCD) in critical care management of neurologically injured patients
4. Name & address of Professor and host institute: Dr. Deepak Sharma MBBS, MD, DM
Professor & Division Chief, Neuroanesthesiology & Perioperative Neurosciences
Program Director, Neuroanesthesiology Fellowship
Department of Anesthesiology & Pain Medicine
Harborview Medical Center, University of Washington, Seattle, WA, USA
5. Duration of fellowship: 21 March 2016 - 20 June 2016 (3 Months)
6. Highlights of work conducted:
 - i) Technique/expertise acquired: Basic and advanced uses of TCD in Neuroanaesthesia and Neurocritical Care practice. Tests of vasomotor reserve of cerebrovascular circulation (CO₂ reactivity & autoregulation), Diagnosis of cerebral vasospasm and brain death, monitoring emboli in intracranial arteries after stroke and vessel injury, detection of patent foramen ovale with agitated saline study
 - ii) Research results, including any papers: Not applicable
 - iii) Proposed utilization of the experience: The experience would be utilized for the development of an advanced TCD Lab facility at AIIMS, New Delhi for the benefit of patients with cerebrovascular disease and neurotrauma. It would also open a window for further researches in neurosciences. Training on TCD would be imparted to all interested medical personnel who would subsequently help development of similar facilities in different centres of India. Collaborative research work in this field would be initiated between AIIMS and the Harborview Medical centre, University of Washington, USA which would benefit management of patients in both the centers.



Signature of ICMR-IF