

REPORT

Report on the participation of the ICMR International Fellow (ICMR-IF) in Training/Research Abroad

1. Name & Designation of ICMR-IF : Dr. Ashish Verma
Assistant Professor,

2. Address : Department of Radiodiagnosis & Imaging,
Institute of Medical Sciences,
Banaras Hindu University,
Varanasi - 221005, U.P, India

3. Frontline area of research in which
Training/Research was done : Percutaneous Tumor Ablation Techniques

4. Name & address of Professor and
Host institute : Dr. Douglas B. Yim
Associate Professor of Radiology & Surgery,
Department of Radiological Sciences
Co-Director, Ablative Oncology Center,
University of California Medical Center,
101, The City Drive South,
Orange, CA 92868. USA

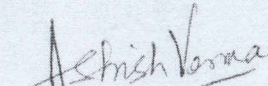
5. Duration of fellowship : Three Months (25.02.2014 to 24.05.2014)

6. Highlights of work conducted
 - i. Technique/expertise acquired : Irreversible electroporation and cryoablation

 - ii. Research results, including
any papers prepared/ submitted
for publication : As per point no. 4 & 6 in Report of Host Institution;
Did data charting of all cases of IRE performed as
yet at the UCIMC and also prepared a case
report pertaining cryoablation of vertebral tumor
(details to be furnished on acceptance)

iii. Proposed utilization of the : IRE and Cryoablation are techniques that cause
experience in India irreversible death of tumor cells by minimally. This
causes tumor regression invasive means, thereby
helping in cure in certain cases while palliation is achieved in most. With increasing
incidence of solid tumors in India, which are detected at an in-operable stage, these
techniques would prove useful in containing the tumor burden in such patients. This
would not only increase the quality of life of cancer patients but also decrease the total
treatment cost of expensive chemotherapeutic agents. Further these techniques can be
performed on a day-care basis, hence the burden on already stressed in-patient system
of our hospitals would be relieved. Two projects have been prepared to procure and
institute the above described facilities in parent university hospital while the ICMR-
IF was in the host institute. These shall be presented to ICMR and other funding
agencies (with consent of ICMR) in due course.

ICMR Sanction No.: INDO/FRC/452(Y-34)/2013-14-IHD


Signature of ICMR-IF
