

- ❖ **Name & Designation** : Dr. Shashank Chauhan, M.Ch. 3rd Year Resident
- ❖ **Address** : Dept. of Burns, Plastic & Maxillofacial Surgery, VMMC & Safdarjung Hospital, Delhi-110029
- ❖ **Name of the International Conference/ Seminar/Symposium/ Workshop** : Healthcare Infection Society with French Society for Hospital Hygiene-2014
- ❖ **Title of the abstract accepted** : Bacterial profile of infections and colonization pattern in burn patients-experience from burns unit at a tertiary care hospital in India
- ❖ **Venue & Date** : Lyon, France, 16-18th November 2014.
- ❖ **Money sanctioned** : ₹ 1,00,000/-
- ❖ **Money reimbursed** : ₹ 1,00,000/-

Participation Report

The conference was organised by the Healthcare Infection Society with the French Society for Hospital Hygiene at Lyon Convention Centre, France. The conference was driven by an excellent three-day scientific programme covering a range of key topics including epidemiology, surveillance, IT in infection prevention and control, decontamination, blood borne viruses, antibiotic resistance and rapid diagnostic methods. The programme included the latest research presented by leading experts from around the world at plenary sessions, panel discussions and workshops. One of the keynote sessions was the Lowbury Lecture given by Professor Wing-Hong Seto of Hong Kong. Amongst other things, Professor Seto is extensively involved in infection control education throughout China and the region and is the Founding President of the Asia Pacific Society of Infection Control.

Academic highlights of the conference: The Healthcare Infection Society in response to the escalating Ebola Virus Disease (EVD) outbreak in West Africa put together a highly informative late breaker session at the conference in Lyon. The session at HIS 2014 was held on 18 November and provided a valuable insight into the many and varied challenges faced in managing and controlling the Ebola outbreak.

Key speakers were Professor Dilys Morgan MBE, Head of the Department of Gastrointestinal, Emerging and Zoonotic Infections at Public Health England (PHE), who talked about her experiences in Sierra Leone; Paul Dickens, National Senior Officer – Emergency Preparedness, Resilience and Response at NHS England, who discussed establishing surge isolation capacity in the UK; and Group Captain Andy Green, the Director of Infection Prevention and Control and Defence Consultant Adviser in Communicable Diseases from the Royal Centre for Defence Medicine who talked about setting up a treatment centre in Sierra Leone.

Over 90 speakers who are among some of the world's leading experts in epidemiology, surveillance, decontamination, blood-borne viruses, antibiotic resistance and rapid diagnostic methods, talked in the conference. There were important lectures and talks regarding root cause analysis and safety in hospitals, advanced sterilization products, socio-cultural aspects of infection prevention and control, hand hygiene, MRSA, MDR bacteria, infection control in burns unit etc.

My contribution to the conference: I presented my poster titled, "Bacterial profile of infections and colonization pattern in burn patients – experience from burns unit at a tertiary care

hospital in India". Infection is the most important cause of mortality and morbidity among burn patients and judicious utilization of antibiotics is warranted to prevent emergence of MDR bacteria in burn units. I presented bacteriological data from our institute's burn unit showing bacteriological growth pattern and their antibiotic susceptibility patterns among burn patients. I further concluded that surveillance is important to monitor emergence of inherently resistant organisms in burn unit and to guide empirical antibiotic therapy.