

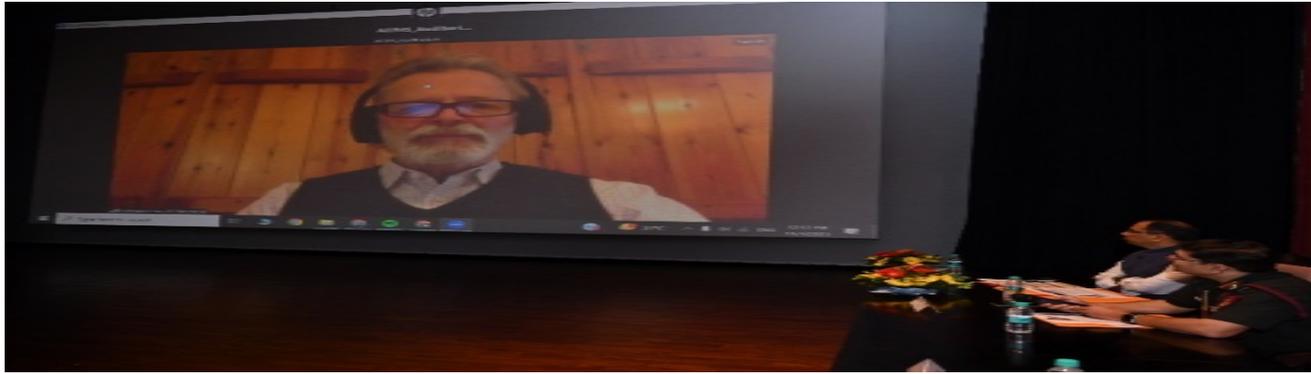
ISHWMCON-2023

ANNUAL CONFERENCE REPORT

- The Annual International Conference of Indian Society of Hospital Waste Management (ISHWM) on-`Biomedical Waste, Related Hospital Associated Infections and Immunization Waste Management` was held at Auditorium, AIIMS, Jodhpur on 3rd and 4th November 2023 in collaboration with the Departments of Hospital Administration and Microbiology, AIIMS Jodhpur.
- A half day pre-conference workshop was conducted on 2nd Nov 2023 on BMW, Infection Prevention Control practices, Cleaning & sterilization of an endoscope, CSSD practices. It was attended by 35 participants who learnt various “hands-on methods” on sterilization and IPC practices.
- The main agenda of conference was to discuss various types of Biomedical Waste & their management, associated biohazard control and Immunization Waste Management and Promoting Environmentally Sustainable Practices in Healthcare Waste Management". The event was inaugurated by President ISHWM, Prof.Ashok Agarwal, Hon'ble Director AIIMS Jodhpur, Prof. Madhabananda Kar (online), Academic Dean, Prof.Kuldeep Singh, Vice President ISHWM, Dr. K S Baghotia, Chairman Organising Committee, Prof. M. K. Garg (online), Co-Chairman, Organising Secretary, Dr Vibhor Tak, Organizing secretary, Dr Ruchi Garg, and attended by more than 200 delegates from India and neighbouring countries.



- Keynote speakers Alexander Von Hildebrand, Former Regional Advisor WHO SEARO, truly set the tone for the conference. He talked on `The global plastics crisis and the use of plastics in the health sector`. He also mentioned crisis of Single used plastics in hospital with its rising global burden. He recommended reduce, reuse, recycle plastic & a circular approach to plastics can reduce pollution, conserve resources, and mitigate climate change.



- More than 200 delegates were attended this event of ISHWMCON-2023 Conference. They came from various parts of the countries like UP, Karnataka, Hyderabad, Rajasthan, Delhi and abroad of India like Nepal. State chapter ISHWM team from states of UP, Karnataka and Hyderabad also attended the conference and actively participated in scientific programme.
- It was followed by various a treasure trove session. The first talk was delivered by Dr. Sameer K Taywade on Hospital Radioactive waste management. He said how radionuclide materials lose their radioactivity with time, so they should be disposed based on Delay and decay time over and apply Dilute and disperse principle to manage these radioactive substances.
- Next speaker was Dr.Himanshu & Dr.Geeta Yadav, KGMU, Lucknow, they threw light on how we can strengthen Best Practices in BMWM in different levels of Health Care

Facilities in State by handholding district hospitals and by becoming model centres for Capacity building and training of HCW at periphery.

- In the next session, a of “Compendium of case studies” on various aspects of BMW management, zero waste strategies, liquid waste management were presented by renowned speakers from various part of countries and abroad. This was conducted with the support of WHO India office.
 - Manjeet S Saluja from WHO gave insight on Management and safe disposal of immunization waste
 - Dr. Jitender Sodhi, from AIIMS New Delhi gave insight on An initiative to make National Conference on Safe and Sustainable Hospitals-2020 -a clean and green event approach
 - Prof G C Ranganath, secretary ISHWM Karnataka Chapter elaborated on Complexities of Liquid Waste Management generated from Health Care Facilities throw light on the pre-understanding of the disinfectants and sterilising agents consumed in health care facilities, their effects, need for customised treatment of liquid waste before discharging into centralized treatment plants
 - Dr. Geeta Yadav, KGMC, Lucknow described about E- waste Disposal and its implementation at their Institute, also mentioned some challenges and outcome
 - Dr. Geeta Yadav delivered talked on E- waste Disposal and implementation at their Institute. She also discussed challenges and outcome in electronic and electrical items. She explained *harmful effects of substances lithium, mercury-rules, and regulation.*
 - Mahesh Nakarmi, Nepal delivered a talk on Safe management of sharp waste generated from at COVID-19 vaccination campaign in Kathmandu Valley. He explained how to manage Waste coming from immunization. He mentioned techniques of sterilization like autoclave or microwave Technology. He explained various innovations on sharp management in Nepal,

- MAJ (DR) ANISH MISHRA gave insight on issues and challenges in disposal of radioactive waste in nuclear medicine department and he also discussed various issues and challenges while developing a Department of Nuclear Medicine in newly commissioned building of the AFMC Hospital.
- Dr. Shyamala Mani mentioned her Study on Liquid Waste Management in less than 35 bedded private health care facilities of India. She also elaborated challenges and solutions in it. They given solutions like on-site tool Kit for Neutralization methods, Trade effluent treatment plant of trade name “SUJAL facility liquid waste management.
- DR Manipadma Anmall and Dr Priyanjali-described how skill Station and skill module can be more effective and engaging to impart training on biomedical waste management.



- After compendium of case series Dr. Malini R Capoor, from Vardhaman Mahavir Medical College, New Delhi discussed the rules and guidelines on BMW Management. She described comprehensively about what are troubleshooting areas in BWM guidelines and its future perspective. She also gave insight on management of BMW in outbreak situations like COVID -Monkeypox.

- In the next session on Biomedical and liquid waste management and environmental protection, Prof. GC Ranganath discussed various regulatory issues in compliance with liquid waste. He also discussed application of chlorine & Chlorination practice in liquid waste management & how to maintain air quality standards, stack emissions, DG set emissions.
- Next speaker in this session Dr Ambesh Dixit explained very well how nanoparticles proved to be solution on efficient waste water management
- Dr Vijaydeep Siddharth & Dr. Nishant Sharma from AIIMS, New Delhi touched on a very burning issue viz. Micro plastics in Human ecosystem & Single Use Plastic devices and consumables in healthcare setting. They mentioned various forms of microplastics PP, PVC, LDPE, HDPE and related Air pollution, Water pollution, Health hazards. They also talked about how huge generation of PPE, gloves-depleting greenhouse gases, excessive solid waste generation and given solution on it.
- The next presentation focussed on the Legal Journey of Bio-medical Waste Management in India: implications for Hospital Administrators by Dr. Jitender Sodhi. He discussed various penalties under section 5 and 15 of Environment protection act and Stockholm convection act 1984 on Particular Organic Pollutants.
- The scientific sessions on Day 2 were for the free papers by young researchers along with Poster presentations. Various presenter faculties and students from country and outside countries presented their research on Biomedical waste, Hospital waste management, sharp waste management & NSI in oral and poster presentations.
- Dr Raju discussed talked on types and solutions on occupational health hazards. Prof Ashok Agarwal and Dr KS Baghotia gave an insight on status of immunization waste management in SE Asia. The next speaker, Dr Sumi Nandwani discussed on screening of Hepatitis B Vaccine Non-Responders and identifying risk factors for Non-response to Hepatitis B Vaccine amongst HealthCare worker.
- Prof. Sidhartha Satpathy-HOD Hospital Administration, AIIMS New Delhi and General Secretary ISHWM moderated a panel discussion on Challenges in Managing BMW & SWM In Hospitals- They shared experiences from large government to private corporate teaching hospitals. Esteemed Panellists Dr Raju V , Col Neeraj Garg, Dr Himanshu Reddy, Dr Akash Anand, Dr Vijay Tadia were participated in

panel discussion and discussed what challenges they are facing while managing BWM and SWM in hospitals. They also given insight on Promoting Environmentally Sustainable Practices in Healthcare Waste Management.



- Furthermore, a brainstorming quiz was organized for all students and residents by Dr Vidhi Jain , associate professor microbiology Dept. AIIMS Jodhpur and an informative skit on needle stick injury by residents of microbiology dept. AIIMS Jodhpur.
- The conference was ended with wrap up report reading by Dr. Sarika Kombade, organizing secretary of ISHWMCON 2023, followed by prize distribution to winners in oral and poster presentation competition and Vote of Thanks by Dr. Ruchi Garg, Organizing Secretary ISHWMCON 2023.
- Brochure of ISHWMCON 2023 is enclosed



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar



ISHWMCON 2023
Friday & Saturday, 03rd & 04th November 2023

Indian Society of Hospital Waste Management
in collaboration with
Department of Hospital Administration and Department
of Microbiology
All India Institute of Medical Science, Jodhpur

Welcomes and invites you to International Conference on
**Biomedical Waste, Related Hospital Associated
Infections and Immunization Waste Management**



Executive Committee ISHWMC

President Prof Ashok K Agarwal	Secretary Prof Sibnarayna Satpathy	Treasurer Dr Pawan Kumar
Vice President Dr K S Haghora	Joint Secretary Prof Narendra Nath V	Editor-in-Chief Dr Nand Kumar

Organizing Secretary AIIMS Jodhpur
Dr. Sarika Kumbhkar