



46th Annual Conference of Indian Association of Medical Microbiologists



Atal Bihari Vajpayee Scientific Convention Center, Lucknow

Pre Conference CME cum Workshop

**Health Care Associated Infections: Using Surveillance,
Data Analysis and Quality Improvement Methods to Improve Outcomes**

Objectives of the workshop: This workshop will provide participants with knowledge, tools, and techniques, and a hands-on experience they can use to successfully implement QI projects in their hospitals. The sessions will introduce key QI concepts, methodologies, and root cause analysis tools (Fishbone diagrams, 5 Whys, Driver Diagrams). Participants will learn how they can improve quality, efficiency and patient outcomes.

Who is the target population? Clinical Microbiologists, Hospital Infection Control Committee Members (infection control nurses, clinicians), and clinicians working to improve healthcare-associated infection (HAI) outcomes with their hospital infection prevention and control programs. Quality Improvement (QI) requires a team; it is preferable if there are two attendees per site, but due to space limitations please limit it to only two persons. If attendees are previously exposed to QI methodology, it is helpful but not necessary.

Participant Requirements: Participants are encouraged to bring laptops with MS Office (Word, Excel, PowerPoint) installed

Pre-Work:

- Participants should identify and be prepared to discuss a problem from your hospital
- HICC team is agreed to improve the problem in the coming six to nine months.
- We recommend that the project be part of a program to improve HAI outcomes

Detailed Agenda

Time	Topic Area / Activity	Speaker
8:00 – 9:00	Registration and Pre-Test	
9:00 – 9:30	Welcome and Introduction to the workshop.	<u>Purva Mathur</u> , <u>Daniel VanderEnde</u> , <u>Siromany Valan</u> and IAMM coordinators
9:30-10:00	Why is QI important for improving IPC and HAI outcomes?	(Didactic Session) - <u>Purva Mathur</u>
10:00- 10:40	Finding a Problem, Writing an AIM statement and Organizing a team	(Didactic Session + hands-on activity) - <u>Manisha Biswal</u>
Tea		
11:00- 11:20	Identifying outcome and process measures Group exercise to identify outcome and process measures	(Didactic Session) - <u>Daniel VanderEnde</u> and AIIMS team
11:20-11:40	Best practices on collecting data on outcome and process measures	(Didactic Session) - <u>Nandini S</u>
11:40-1:00	Brainstorming and 5 Whys Hands on exercise on 5 Whys	(Didactic Session + hands-on activity) - <u>Daniel VanderEnde</u>
Lunch		
2:00-2:40	Complete a Fishbone Diagram Hands on to develop a Fishbone diagram	(Didactic Session + hands-on activity) - <u>Bijavini Behera</u> plus AIIMS team
2:40- 3:00	Describe how to complete a Process flow map	(Didactic Session) - <u>Vibhor Tak</u>
3:00-4:00	Complete a Driver Diagram Hands on to develop a section of the driver diagram	(Didactic Session + hands-on activity) <u>T aruna</u> and AIIMS team
4:00 – 4:30	Select an Intervention Hands on to develop a prioritization matrix and TOC	(Didactic Session + hands-on activity) AIIMS QI Nurses (tentative)
4:30 – 5:00	How to use PDSA cycles effectively	(Didactic Session) - TBD
5:00 – 5:30	Post Test / Wrap up	TBD
Tea		

Workshop Coordinator:

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