

To improve the compliance of hand hygiene among nurses, doctors and other staff in a cubicle of trauma surgical ICU from 50 % to 80% in one month time.



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Introduction



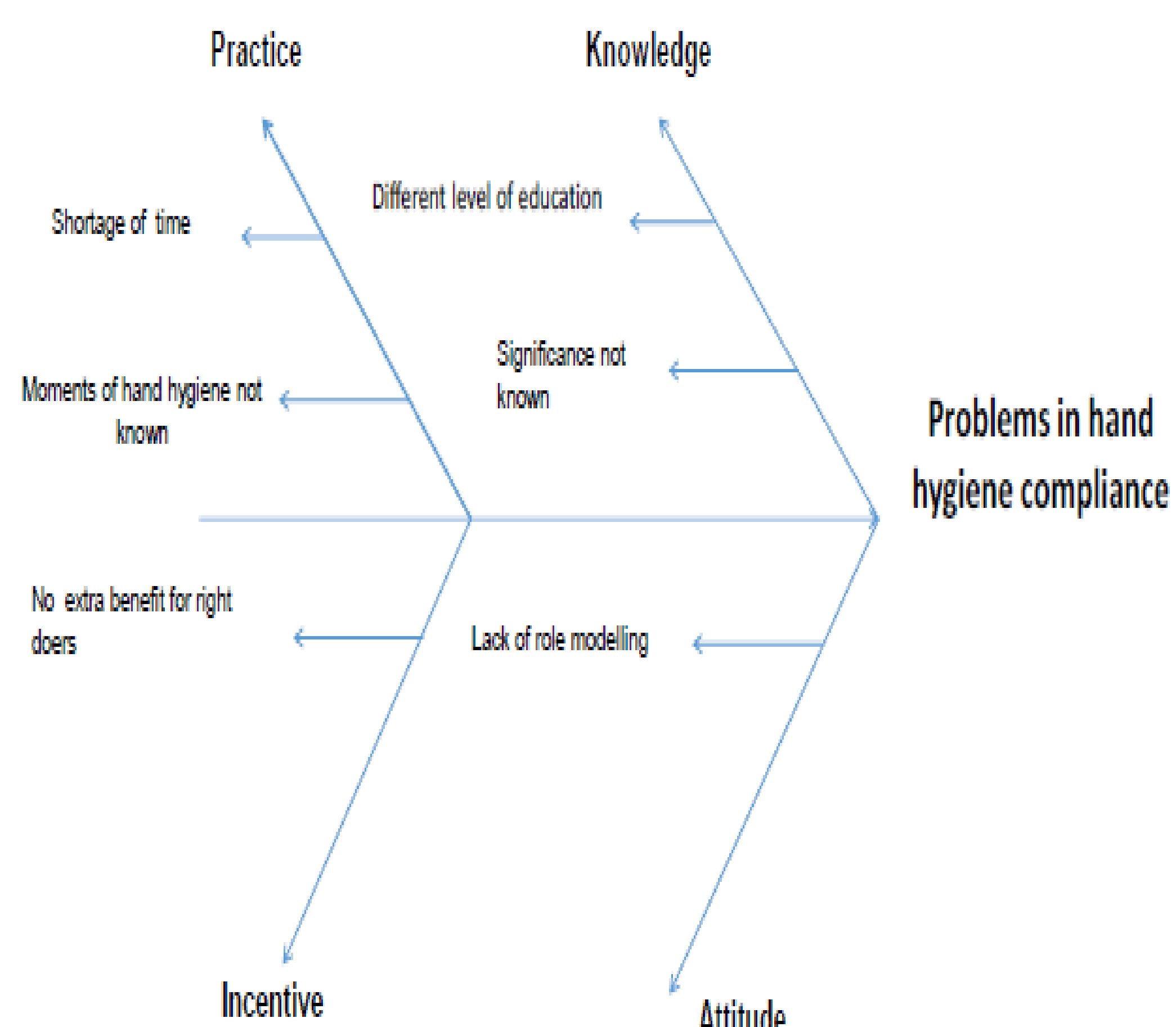
Hand hygiene compliance amongst the health care providers is considered to be the single most effective factor to reduce hospital acquired infections.

- Despite continuous education and awareness, compliance with hand hygiene guidelines has remained low.
- Healthcare systems continually seek to improve patient outcome.

Aim

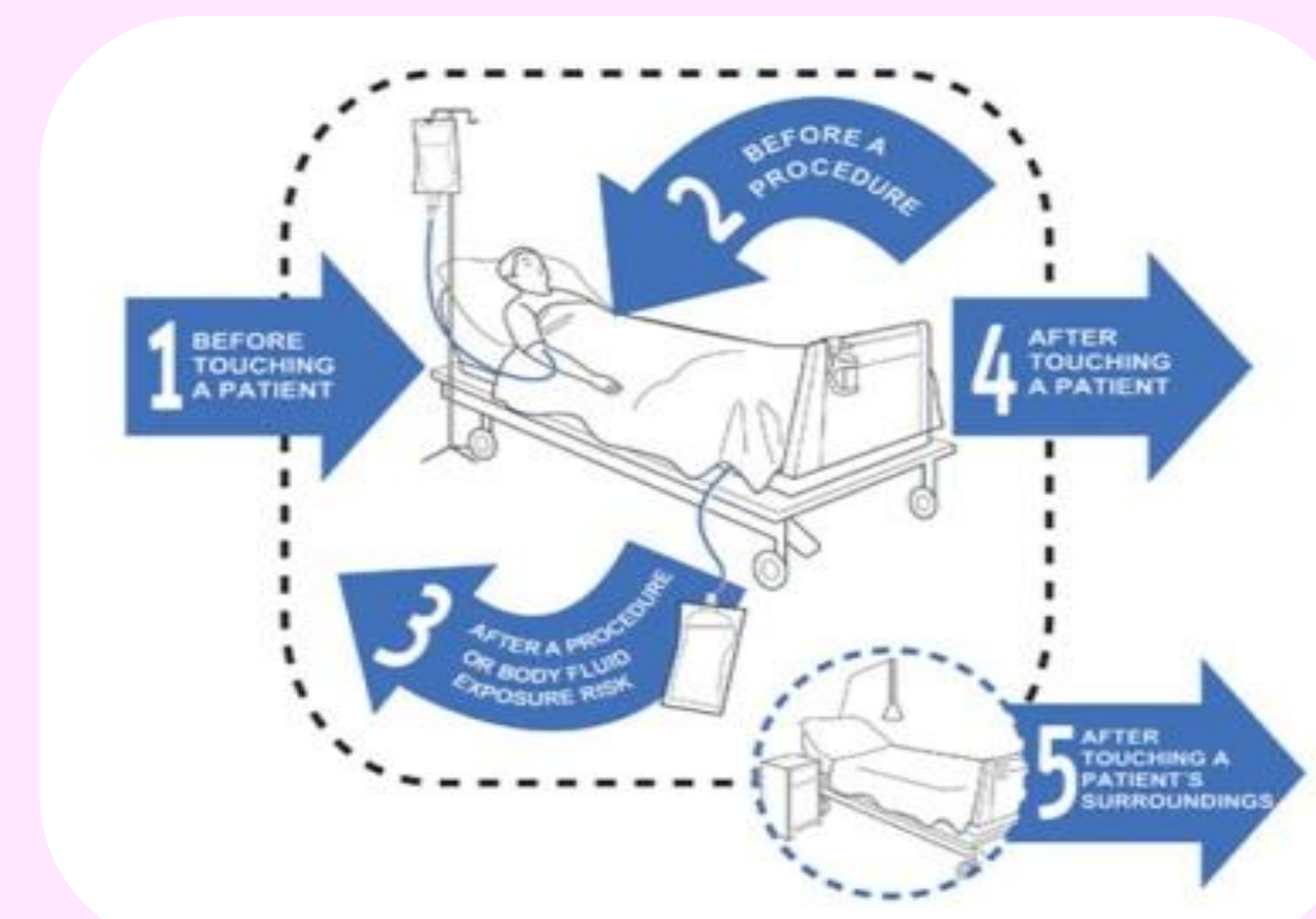
- To improve the compliance of hand hygiene among nurses, doctors and other staff in a cubicle of trauma surgical ICU from 50 % to 80% in one month time

Root cause analysis - Fishbone



Change ideas applied

- Education of all caregivers regarding the procedure and significance
- Actual bed side demonstration
- Video presentation
- Posters applied
- Gentle reminders by counter nurse



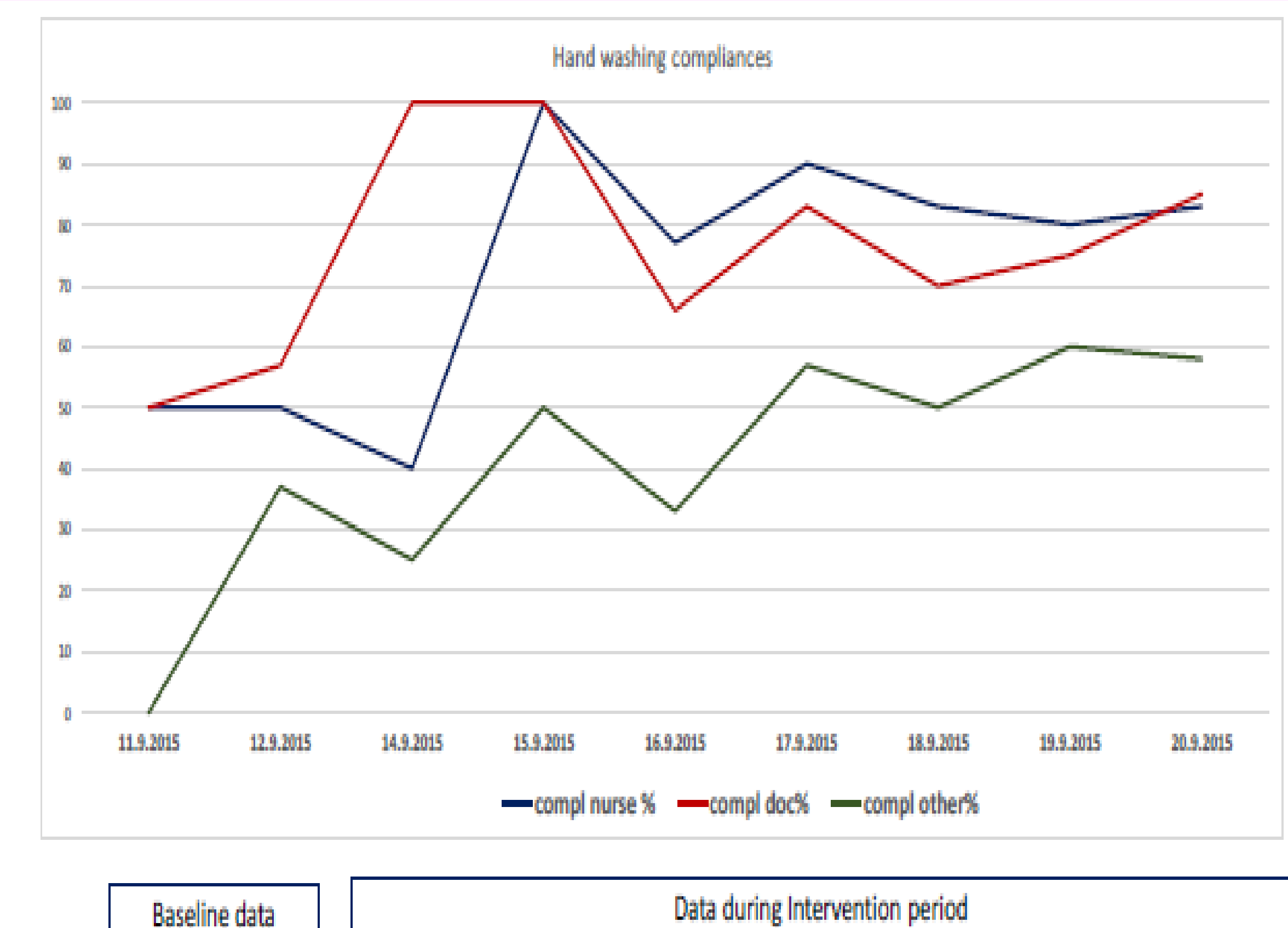
Five Key Moments of Hand Hygiene

Our Experience

Problems faced	Solutions devised
Omission by senior doctors	Gentle Reminder by bedside nurse
Lowest compliance by class 4 employee	Education of class 4 employee in their own language
Lack of motivation	Compliance of hand hygiene for that day and Incidence of hospital acquired infections displayed on the board in ICU
Problems faced by staff like dryness of hands	Demand for hand emollient

Results

Hand hygiene compliance among nurses, doctors and other staff



Future Plan

To expand hand hygiene implementation in whole ICU and further in all clinical areas of Trauma Centre.

Team

Name of Team Member	Role Team Member
Dr. Richa Aggarwal	Team Leader and concept initiator
Ms. Sonia Chauhan	Data compilation and presentation
Ms. Roshni Dhakal	Education and data collection
Ms. Alphina	Education and data collection
Ms. Jacintha Gunjyal	Implementation
Ms. Shakuntla	Implementation
Ms. Kiran Yadav	Implementation