

Breaking the Plateau:

**Pioneering Gamified Infection Prevention and Control (IPC) Innovations
Against Superbugs to Transform Patient Safety Culture**

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“Innovating IPC, Defeating Superbugs!”



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The Challenge of Healthcare-Associated Infections (HAIs:)

IPC Compliance Plateau

Stuck in the Status Quo

Rising Infections & Costs



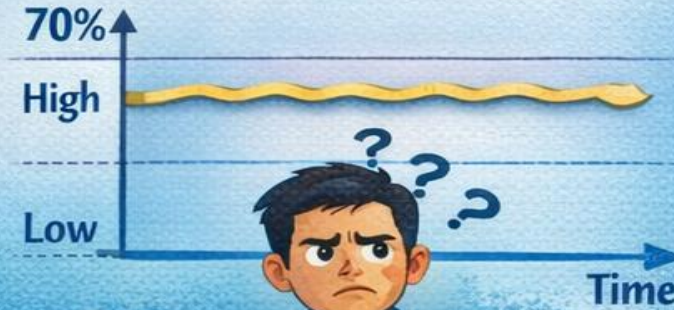
1 in 10 Patients
acquire an HAI



Up to \$45 Billion
Annual Costs



Compliance Stagnation

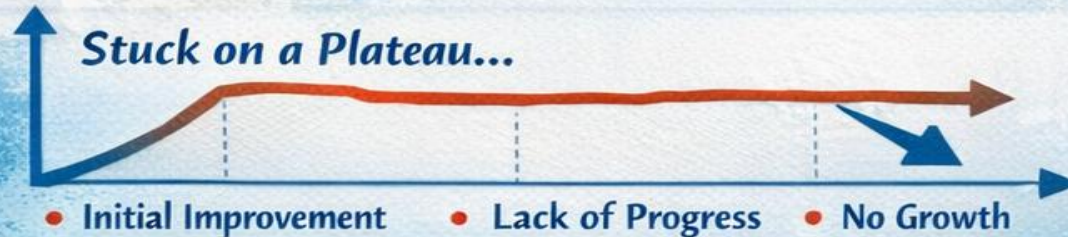


- Hand Hygiene & IPC Rates Stalled

Lack of Engagement



- Training is Boring,
- Compliance is Low



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Healthcare-Associated Infections (HAIs) remain a global challenge

Traditional IPC training often lacks engagement & retention

Gamification offers
Fun, Competition & Immediate Feedback



Objective:



Compliance



Feasibility



Culture Change



Gamification: turning IPC from obligation into culture.



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Baseline Audit



Low Compliance

Gamified
IPC Activities

Interventions



Glow & Go



Bug Hunt



Gear Up Grid



IPC Crime Scene



Safe or Sorry?



Bin It Right

Improved
Compliance

Post-Audit Results



High Compliance

From routine audits to immersive engagement — IPC made memorable.



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Results

Participation & Feedback

 **85%** Staff Participation
Across Departments

 **92%** Found Activities
Engaging & Memorable

Compliance Improvements



Hand Hygiene



PPE Adherence



Waste Segregation



Env. Cleaning



Safe Injections

 Glow & Go: +22 pts  Gear Up Grid: +19 pts  Competitive Drills: +19 pts  Bug Hunt: +14 pts  IPC Crime Scene: +12 pts



Cost-Effectiveness

Minimal Investment, Highly Cost-Effective vs. HAIs



Qualitative Insights

 "Fun, Memorable, Practical!"

 Facilitators: Leadership Support, Competition, Feedback

Gamified IPC: measurable gains, minimal cost, maximum impact.



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Discussion & Outcomes

Interpretation

- Routine audits plateau at awareness; gamification sustains behavior change.
- Participatory activities fostered
Competition, Engagement & Immediate Feedback
- Statistically significant gains across all IPC indicators

Outcomes & Insights



Improved Compliance Scores



Enhanced IPC Motivation



Audit-Ready & Resilient



Cost-Effective & Scalable



Replicable Across Hospitals

Qualitative Insights:

- ✓ *“Fun, Memorable, Practical”*
- ✓ *Leadership & Competition*
- ✓ *Time Constraints & Hesitations*

“Gamification transforms IPC from routine to culture!”



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Conclusion

Key Takeaways:

- ✓ Gamified IPC innovations are effective, feasible, and sustainable
- ✓ Significant improvements across all core IPC indicators
- ✓ Minimal cost, maximum impact – ideal for resource-limited settings
- ✓ Strengthens hospital safety culture and audit readiness
- ✓ Replicable model for IPC transformation across institutions

Closing Message:

- ✓ *“From awareness to action, gamification makes IPC unforgettable.”*
- ✓ *Embedding these innovations into routine hospital practice can transform patient safety culture*
- ✓ *Together, we can innovate IPC and defeat superbugs!*



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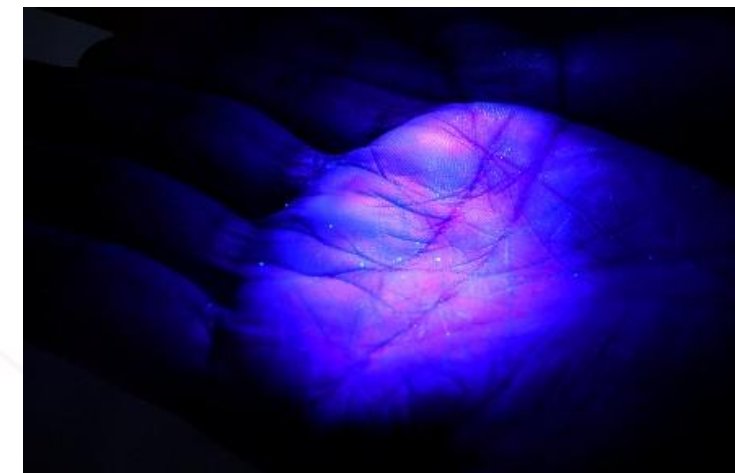


Arete HOSPITALS

GLOBAL HANDWASHING DAY 15 October 2025

One Habit.
Countless Lives Saved.

“ Did You Know?
Up to 80% of common infections are spread by hands. ”



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INTERNATIONAL INFECTION PREVENTION WEEK - 2025



Event Planner

Activity	Date	Location
Talk on hand-hygiene with glo-germ demonstration department wise	13-10-2025 to 16-10-2025	Ground floor lobby
Activity for Housekeeping Station 1: Gear Up Grid Station 2: Breach Patrol Station 3: Glow & Go	23-10-2025	In-field visit Station 4: Bin It Right Station 5: Linen Logic Station 6: PPE Ramp walk
Activity for DMO's & Nursing Station 1: Brain Shield Challenge: Test Your IPC IQ! (Competition)	24-10-2025	Training room Station 2: Bug Hunt Station 3: PPE Ramp walk
Activity for OT & Cathlab Technicians Station 1: Breach Patrol Station 2: Fast Track to Sterility	25-10-2025	In-field visit Station 3: PPE Ramp walk Station 4: Safe or Sorry?
Activity for Laboratory Station 1: Breach in the Bench! Station 2: Safe or Sorry? Station 3: Rapid React: Lab Edition	27-10-2025	In-field visit Station 4: PPE Ramp walk Station 5: Glow & Flow Lab Station 6: PPE Ramp walk
Activity for F&B Station 1: F&B Detective Squad Station 2: Clean Split Challenge Station 3: Rapid Bite Quiz	28-10-2025	In-field visit Station 4: Tray Trek Station 5: Match & Munch Station 6: PPE Ramp walk
Activity for CSSD / Dialysis Technicians Station 1: Breach Patrol Station 2: Fit to Function Station 3: IPC Crime Scene	29-10-2025	In-field visit Station 4: Quiz Whiz: IPC Edition Station 5: PPE Ramp walk
Celebrating Excellence: Entries & Awards • Poster competition • Mini-video	31-10-2025	Board Room • Quiz (Nursing & DMO's)



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