



IPC Sameeksha*

Highlights

- WHO global report on infection prevention and control
- WHO training package on environmental cleaning
- Quality assessment of IPC in delivery points in a tribal district of Maharashtra
- Effectiveness of health education package on hand hygiene among food handlers in a Delhi hospital
- Environmental cleaning barriers and mitigation measures
- Editable social media card to prevent infections in healthcare facilities

Publications from scientific journals

Quality assessment of infection control measures in delivery points in a tribal district of Maharashtra – an observational study

- Observational study assesses IPC practices in health facilities using LaQshya checklist.
- Finds high levels of compliance for handwashing and immunization but low compliance in other areas, such as waste management practices.

Journal of Family Medicine and Primary Care | Original article | 18 November 2024 | [Online link](#)

Environmental cleaning barriers and mitigation measures identified through two initiatives in four countries, 2018–2023: a commentary

- Assesses why available resources for improving healthcare environmental cleaning are not well implemented to advance the professionalization of cleaning.
- Identifies three barriers related to cleaners (i) low status and empowerment, (ii) poor pay and high turnover and (iii) lack of integration with IPC and clinical staff.

Antimicrobial Resistance & Infection Control | Comment | 8 November 2024 | [Online link](#)

Utility of syndromic surveillance for the surveillance of healthcare-associated infections in resource-limited settings: a narrative review

- Reviews how syndromic surveillance, which focuses on sets of clinical signs and syndromes, can be a complementary to laboratory surveillance for HCAIs.
- Identifies priority syndromes and recommendations for emergency departments.

Frontiers in Microbiology | Review article | 20 October 2024 | [Online link](#)

Systematic review and meta-analysis of goal-directed haemodynamic therapy algorithms during surgery for the prevention of surgical site infection

- Investigates the potential of haemodynamic therapy, previously used for high-risk surgeries, as a general practice for reducing surgical site infections.
- Finds high certainty evidence that goal-directed haemodynamic therapy reduces SSI more than conventional fluid therapy in adults undergoing surgery.

eClinicalMedicine | Articles | 22 November 2024 | [Online link](#)

Effectiveness of health education package on hand hygiene knowledge, attitude, and practices among food handlers in a tertiary care hospital in Delhi

- Before and after study of a health education intervention of food handlers in a Delhi hospital finds improvements in hand hygiene practices.
- Underscores the importance of targeted interventions and fostering good practices among food handlers in clinical settings.

Journal of Education and Health Promotion | Original article | 29 August 2024 | [Online link](#)

Assessment of public health laboratory preparedness and response in WHO South-East Asia region during the COVID-19 pandemic: lessons learned and future directions

- Scoping review and key informant interviews identifies best practices for laboratory preparedness and responses, such as capacities to quickly scale-up diagnostic testing.
- Key recommendations include establishing a Regional Diagnostic Advisory Group and having a robust array of diagnostic tools, including genomic sequencing.

Lancet Regional Health Southeast Asia | Review | 18 October 2024 | [Online link](#)

Closing the gap on infection prevention staffing recommendations: results from the beta version of the APIC staffing calculator

- Develops an online calculator to help hospitals predict staffing needs for IPC.
- This approach can be adapted to facilities, based on size, patients and infection risks.

American Journal of Infection Control | Major article | 10 October 2024 | [Online link](#)

Guidelines

Global report on infection prevention and control 2024

- Second global report on IPC provides updated evidence on the harm caused to patients and health workers by HAIs and AMR, and presents an updated global analysis of the implementation of IPC programmes at the national and health care facility levels across all WHO regions.
- Also includes situation analysis, actions, gaps and challenges in the implementation of infection prevention and control in WHO regions.

WHO | Global report | 29 November 2024 | [Online link](#)

WHO training package on environmental cleaning: evaluation methodology guide

- Steps for rigorously evaluating WHO's training package in environmental cleaning and IPC in healthcare facilities, including integrating mixed methods approaches.
- Aims to improve competencies of cleaners working in low and middle-income countries.

WHO | Publication | 18 November 2024 | [Online link](#)

Gatherings in the context of the 2024 mpox outbreak: public health guidance

- Public health advice to prevent mpox outbreaks.
- Targets governments and public health authorities, international event organizers as well as people attending mass gatherings.

WHO | Publication | 14 November 2024 | [Online link](#)

Infection prevention and control and water, sanitation and hygiene measures for home care and isolation for mpox in resource-limited settings

- IPC and WASH steps for home isolation of mpox cases when not feasible to implement WHO's *Clinical management and infection prevention and control for monkeypox*.
- Targets healthcare workers, caregivers and public health authorities.

WHO | Publication | 18 October 2024 | [Online link](#)

Training / IEC resources

Social media card: many infections in healthcare facilities can be prevented

- Editable card to reduce healthcare associated infections in hospitals.

ECDC | Infographic | 18 November 2024 | [Online link](#)

Quotable quote

Overall, the strengthening of IPC programmes and implementation of best IPC practices have accelerated across all regions. However, significant gaps and challenges still remain, especially regarding those elements of IPC programmes that require investments and long-term sustainability.

– WHO Global report on IPC
WHO 2024

**Sameeksha* is a Hindi word, meaning review. This compilation of recent IPC resources includes a brief summary of relevant publications from scientific journals, guidelines, and training/IEC resources, along with a link to the online resource. The primary target audience includes clinical and public health IPC professionals from both public and private sector in India. Kindly note: inclusion of publications/resources in this review does not imply an endorsement by WHO.