MEMBER STATES INFORMATION SESSION ON INFECTION PREVENTION AND CONTROL (IPC)

7 March 2022





Agenda



Chair: Dr Rudi Eggers, Director, Integrated Health Services (IHS) department, UHC/LC division

Time (CET)	Agenda item	Speaker
15.30	Welcome remarks	Dr Zsuzsanna Jakab, Deputy Director-General and ExD a.i., UHC/LC division
15.35	Overview of the IPC situation worldwide: highlights of achievements and gaps	Dr Rudi Eggers, Director, IHS department, UHC/LC division
15:45	Impact of IPC – WHO areas of work and critical guidance on IPC	Dr Benedetta Allegranzi, IPC Technical Lead, IHS department, UHC/LC division Dr Silvia Bertagnolio, Unit Head, Surveillance, Prevention and Control department, AMR division Dr April Baller, IPC Focal Point, Country Readiness Strengthening department, WHE division
16.00	Country capacity building supported by regional offices	Dr Maha Talaat, IPC focal point, Eastern Mediterranean Regional Office, on behalf of all regional offices
16.10	Priorities and strategic directions for IPC	Dr Zsuzsanna Jakab, Deputy Director-General and ExD a.i., UHC/LC division
16.20.	Discussion	All participants
16.55	Closing remarks	TBD
17.00	Session closure	

Member States Information Session on

Infection Prevention and Control

OVERVIEW OF THE IPC SITUATION WORLDWIDE: HIGHLIGHTS OF ACHIEVEMENTS AND GAPS

Dr Rudi Eggers

Director, Integrated Health Systems department UHC/LC WHO HQ



7 March 2022



Health care-associated infection (HAI)

World Health Organization

also referred to as "nosocomial" or "hospital-acquired infection"

An infection <u>acquired by a patient</u>

during the process of care (including preventive, diagnostic and treatment services)

in a hospital or other health-care facility,

which was not present or incubating at the time of admission;

HAIs can also appear after discharge.

HAIs may also be acquired by health workers during health care delivery,

and by visitors.

Global burden of HAIs (1)



Globally, hundreds of millions of people every year are affected by health care-associated infections (HAIs), many of which are completely avoidable

No country or health system, even the most developed or sophisticated, can claim to be free of HAIs

- out of every 100 patients, 7 in high- and 15 in low-/middle-income countries (LMIC) will acquire at least one HAI, in acute care hospitals
- 1 in every 10 affected patients dies of HAI
- 8.9 million HAIs occur every year in acute and long-term care facilities in EU/EEA

Sources:

• Report on the burden of endemic health care-associated infection worldwide. Geneva: World Health Organization; 2011. <u>https://apps.who.int/iris/handle/10665/80135</u>

Allegranzi B, et al. Burden of endemic health-care-associated infection in developing countries: systematic review and meta-analysis. Lancet 2011;377(9761):228-41.

[•] Suetens et al. Prevalence of healthcare-associated infections, estimated incidence and composite antimicrobial resistance index in acute care hospitals and long-term care facilities: results from two European point prevalence surveys, 2016 to 2017. Euro Surveill. 2018;23(46):pii=1800516. https://doi.org/10.2807/1560-7917.ES.2018.23.46. Substance index in acute care hospitals and long-term care facilities: results from two European point prevalence surveys, 2016 to 2017. Euro Surveill. 2018;23(46):pii=1800516. https://doi.org/10.2807/1560-7917.ES.2018.23.46. https://doi.org/10.2807/1560-7917.ES.2018.23.46.

Global burden of HAIs (2)

Intensive care:



- High-income countries (HICs): up to 30% of patients affected by at least one HAI in intensive care units
- Lower/middle income countries (LMICs): incidence is at least **2–3 times higher**.
- 1 in 4 cases (23.6%) of all hospital-treated sepsis cases are health care-associated
- 48.7% of sepsis with organ dysfunction treated in adult ICUs are hospital-acquired
- Mortality among patients affected by health care-associated sepsis was 24.4%, with an increase to 52.3% among patients treated in ICU

Neonatal care:

- Neonatal infection rates in LMICs are **3-20 times higher** than in HICs
- Incidence of health care-associated sepsis in neonates is **7.5 times higher than in adults**
- In hospital-born infants, HAIs account for estimated 4%- 56% of all deaths in neonatal period Surgical care:
- Most frequent type of HAI in low- and middle-income countries (LMICs), 2nd & 3rd in Europe and the USA
- Most frequent complication of surgery in Africa
- WHO Report on the burden of endemic health care-associated infection worldwide, 2011. https://apps.who.int/iris/handle/10665/80135
- Markart R, et al. Intensive Care Med 2020, <u>https://doi.org/10.1007/s00134-020-06106-2</u>
- WHO Global Report on the Epidemiology and Burden of Sepsis, 2020. <u>https://www.who.int/servicedeliverysafety/areas/sepsis/en/</u>
- WHO Global guidelines for the prevention of surgical site infection, 2018. <u>https://apps.who.int/iris/handle/10665/277399</u>

Comparing the burden of HAIs with other infectious diseases in EU/EEA (2011-12)





DALYs: disability-adjusted life years, i.e. years of life lost to due to premature mortality and years lived with a disability due to HAIs

Source: Cassini A, et al. PLoS Med 2016;13(10):e1002150

HAIs

account for <u>twice the burden</u> of 32 other infectious diseases

75% of DALYs attributable to AMR in Europe is a result of HAIs

Mortality among patients infected with MRSA is <u>the double</u> of those infected with MSSA

Mortality in patients infected with pathogens resistant to carbapenems is about <u>3-times higher</u>

COVID-19 Health worker cases & deaths





RISK FACTORS (Chou R et al, living review, https://pubmed.ncbi.nlm.nih.gov/32369541/

- **High-risk exposures** (e.g. involvement in intubations, more direct or intense patient contact, or contact with bodily secretions)
- Not wearing masks or respirators appropriately
- Black and Asian race and Hispanic ethnicity relative to White race
- Contact with an infected household member or in a private setting

Interim findings of WHO case control study in 97 health facilities in 19 countries

Risk factors for COVID-19 in HCWs

- Prolonged close contact (>15min within 1 meter)
- Inconsistently wearing a respirator or a surgical mask or both compared to consistently wearing a respirator during aerosol-generating procedures
- > Not always appropriately performing hand hygiene during prolonged patient contact

Global number of deaths among HWs with COVID-19 (Jan 2020-May 2021) 115,500 (80,000-180,000)



Global pulse survey on continuity of essential health services during the COVID-19 pandemic



Critical shortages were reported in availability of essential COVID-19 tools in hospitals across 11 countries

Major gaps in availability were most frequently reported in PPE, diagnostics and biomedical equipment

PPE for all staff Diagnostics Therapeutics Vaccines Biomedical equipment 62 Cameroon (n=60) 15 92 10 Data not available Congo (n=33) 91 18 73 100 15 Ghana (n=35) 35 17 40 89 17 Kenya (n=68) 93 18 53 87 47 Mali (n=14) 29 0 86 57 Data not available Namibia (n=43) 97 56 58 74 42 Paraguay (n=20) 100 90 100 100 95 Peru (n=36) 100 58 100 100 69 Senegal (n=14) 33 36 100 86 57 Suriname (n=9) 100 11 100 56 78 Zambia (n=55) 91 33 Data not available 40 100

Tracer items:

COVID-19 vaccines: COVID-19 vaccine doses available (only in facilities offering COVID-19 vaccination), including: Pfizer-BioNTech, Moderna, AstraZeneca/Oxford, Janssen/Johnson&Johnson, Sinopharm, and Sinovax V.

PPE for all staff: medical/surgical mask, examination gloves, respirators, googles, and protective apron available for all staff

Diagnostics: functioning equipment for onsite PCR/RDT

Therapeutics: Dexamethasone (injectable)/ corticosteroids

Biomedical equipment: Invasive and non-invasive ventilators, oxygen available, oxygen pulsometer

Percentage of hospitals with availability of essential COVID-19 tools (n=387 hospitals in 11 countries)

items available				
91% or more				
80% to 90%				
65% to 79%				
50% to 64%				
Less than 50%				

Percentage of hospitals with all tracer

Infection prevention and control (IPC)

is an **evidence-based** approach and **practical** solution designed to

prevent harm to patients and health workers

at every single health care encounter

across the whole health system

by stopping the spread of infection and antimicrobial resistance (AMR)



Norld Health Drganization



Global Database for the Tripartite Antimicrobial Resistance (AMR) Country Self-assessment Survey (TrACSS)





- **33%:** no national IPC programme (A) or not implemented (B) (LICs 8.3 times more likely)
- 35%: IPC programmes properly implemented in healthcare facilities nationwide (D) and monitored (E)
 - 32%: IPC programme implemented in <u>selected</u> health-care facilities (C)



2021 WHO global survey on IPC minimum requirements at the national level – preliminary results



Indicator	Total N	%	Low income	%	Lower- middle income	%	Upper- middle income	%	High income	%
Total countries participating (interim analysis)	65	-	9	-	14	-	24	-	18	-
Met 100% of national IPC programme minimum requirements	2	<mark>3%</mark>	0	0%	0	0%	0	0%	2	11%
Met 75% of national IPC programme minimum requirements	32	<mark>49%</mark>	6	67%	6	43%	11	46%	9	50%
Met 50% of national IPC programme minimum requirements	52	<mark>80%</mark>	7	78%	11	79%	17	71%	17	94%

WHO confidential unpublished data

In 2020, **44%** of countries indicated **lack of IPC supplies and best practices** as a **major reason for essential health services disruption** (e.g., interruption of routine vaccination programmes) in the context of the COVID-19 pandemic WHO. Pulse survey on continuity of essential health services during the COVID-19 pandemic: interim report, 27 August 2020 (https://apps.who.int/iris/handle/10665/334048?locale-attribute=fr&)

2019 WHO global survey on IPC in health care facilities: 4440 facilities, 81 countries

Overall implementation of IPC

- ➤advanced: 50.7%
- ≻ Intermediate or basic: 47.3%
- ➢ Inadequate: 2%



World Health Organization

- Only 16% of HCFs met ALL WHO IPC minimum requirements (MR),
 - > 0% in LICs
 - > 27% of primary & 11% of secondary/tertiary HCFs in HICs
- 69% met 75% of IPC MR
- 93% met 50% of IPC MR

Souce: Tomczyk S, et al. The Lancet Infectious Diseases 2022 https://doi.org/10.1016/S1473-3099(21)00809-4

2020







1 in 4 health care facilities lack basic water



1 in 3 health care facilities lack hand hygiene facilities at the point of care

17% of facilities have continuous availability of alcohol-based hand rub supplies in low-income countries (75% in HICs)

https://www.who.int/publications/i/item/9789240017542 https://www.who.int/publications/i/item/9789240011618

1.8 billion people

are using health care facilities that lack basic water services

800 million people are using facilities with no toilets



•

2021 global survey on IPC minimum requirements at the <u>national level</u> – comparison with 2018 in 35 countries



World Health

Organization

- Significant increases of key indicators, i.e. proportion of countries:
 - $_{\odot}$ that appointed a trained IPC focal point (25.7% vs 68.6%, p=0.004).
 - \circ having a dedicated budget (22.9% vs 48.6%, p=0.05)
 - having an in-service IPC curriculum (60% vs 85.7%, p=0.04). But in 2021 only 36.9% of countries are able to provide training materials and support for these training activities.
 - o promoting multimodal strategies for IPC interventions (54.3% vs 88.6%, p=0.006)



Key messages

- Patients affected by HAI and sepsis have prolonged hospital stay, excess mortality, complications and long-term disabilities
- HAIs also add a significant burden to health systems, including increased workloads and costs
- HAI morbidity and mortality due to HAIs is 2-20 times higher in low- and middle-income countries
- Health care facilities can be amplifiers of outbreaks, involving both patients & health workers
- Antibiotic-resistant microorganisms are responsible for most of HAIs
- There is strong evidence on effectiveness and cost-effectiveness of IPC interventions
- While national IPC programmes may exist, they are often poorly funded & implemented (even in high-income countries), with much lower implementation in low- and middle-income countries
- In 2021, some significant progress has been made on a number of IPC indicators but shocking gaps still exist and sustainability should be ensured

Member States Information Session on

Infection Prevention and Control

IMPACT OF IPC -WHO AREAS OF WORK AND CRITICAL GUIDANCE

Dr Benedetta Allegranzi, IHS department, UHC/LC, WHO HQ Dr Silvia Bertagnolio, SPC department, AMR, WHO HQ Dr April Baller, CRS department, WHE, WHO HQ



7 March 2022



IPC work at WHO



IPC decreases risk of SARS-CoV-2 infection among health workers



Decreased risk significantly associated with:
>training in IPC*

>adequacy and appropriate use of PPE**

>hand hygiene**

>universal masking in health care facilities*

*Chou R et al, living review, <u>https://pubmed.ncbi.nlm.nih.gov/32369541/</u> **Chou R et al & WHO multi-center case-control study

IPC is cost-effective in response to outbreaks OECD/WHO Joint Project on the COVID-19 pandemic



- Cost-effectiveness model used with data regarding the first 180 days of the pandemic
- Combining increased access to PPE with IPC training yields the greatest global health and economic gains
 - >50% of new infections among HCWs in South-East Asia, Europe and the Americas, and approximately one third of new infections in other regions, could have been averted
 - \$7.2 billion USD net savings globally
 - Hand hygiene also cost-effective in most regions



Evidence about IPC impact on infections and AMR as <u>patient outcomes</u>





IPC is cost-saving: proper IPC saves lives and allows facilities to MAKE money



- HAI extra costs: US \$1,000-12,000, depending on the country
- US \$7.2-14.9 billion spent on HAIs in the USA, in 2016

When IPC and hand hygiene are implemented in combination with antibiotic stewardship programmes

2/3 Reduction IN FREQUENCY OF AMR INFECTIONS 27,000 Deaths avoided IN EUROPE

85% Reduction IN HEALTH BURDEN

3 Per capita SAVED EVERY YEAR

Ensure the WHO core components for effective IPC are in place!!

- OECD (2018), Stemming the Superbug Tide: Just a Few Dollars More. Available at oe.cd/amr-2018
- Forrester J, et al. J Pat Saf 2021; doi: 10.1097/PTS.00000000000845



Price L et al. TLID 2017

WHO IPC global guidelines



WHO Guidelines on Hand Hygiene in Health Care

World Health Organization Patient Safety

First Global Patient Safety Challenge Clean Care is Safer Care





FOR THE PREVENTION OF SURGICAL SITE INFECTION



World Health

Decontamination and Reprocessing of Medical Devices for Health Care

World Health Organization



Guidelines on Core Components of Infection Prevention and Control Programmes at the National and Acute Health Care Facility Level

World Health Organization

World Health Organization

Global guidelines for the prevention and control of carbapenem-resistant Enterobacteriaceae, Acinetobacter baumannii and Pseudomonas aeruginosa in health care facilities

https://www.who.int/teams/integrated-health-services/infection-prevention-control

END TB

Translating guidelines to action





Implementation manuals and resources





IPC national & facility level assessment tools





New WHO IPC monitoring portal





Log in Sign up FAQs Get help

Welcome to the WHO Global IPC Portal

The WHO Global IPC Portal is a resource and tool to help healthcare and other professionals working in the field of IPC, from facility through to national and international level. It is:

- Anonymous we do not verify your identity unless you want to share your data
- Safe you can learn from the resources and interact freely with the tools without fear of tracking
- Private your data can be discarded or, if you store it, kept confidential
- Useful there are tools, resources and data to help you improve your IPC program performance
- Easy to use the tool is accessible via mobile or desktop app with a simple and clear layout and intuitive navigation logic
- Evolving new tools and featured will be added as they become available
- User-moulded well-used features will be enhanced, unused features will be dropped

WHO 2021 IPC Global Survey **IPC Minimum Requirements** at the **National Level**

28 July – 28 January 2022

Prepare: read the tools and documents global survey

About

Take part in WHO July 2021 - Jan 2022 Jan onwards webinars, hear Complete IPCAT-MR act on your more about using tool and submit your results and the tools and how results to WHO to take part in the online

make your plans

Please contact your national IPC focal point and encourage your country's participation!

https://ipcportal.who.int/

IPC and WASH







https://www.who.int/water sanitation health/sanitationwaste/sanitation/hand-hygiene-for-all/en/

HAND HYGIENE World Health Organization FOR ALL INITIATIVE Improving access and behaviour in health care facilities Purnose of the brief rovide insights into available strategies and approaches to hand hygiene improvement in heal are facilities (HCFs) in support of the new United Nations C inne for All Initiative, including sustainable interventions. The brief Againstant entry (new projects on a difference), including subanation enterminols, into one divers on learning from liques y work and the current evidence base. It emphasizes the synergistic relationship between infection prevention and control (PC) and water, sanitation and hygiene (WASH) in HCPS and symmatrizes how joint action and collaboration is essential for improvement in the context of the contravirus disease (COVID-19) response and beyond.

Introduction and background

domestic settings

3 September 2021

Cover note

Access to quality health care for all is a human right. As clearly recognized by the United Nations (UN) Sustainable Development Goals 3.8 and 6, it is impossible to succeed in providing quality health care. Shockingly, many HCFs still lack WASH and, by default, cannot implement good IPC practices. According to global estimates released in 2020 by WHO/UNICEF

n 4 facilities lack basic water o facilities have no sanitation I facilities lack hand hygiene facilities at points of care' ion of the 4.1 million maternal and neonatal deaths per year y be related to unhygienic birthing practices Renzows H and Coupero 1. Address or 212056292 accessed 23 June 202

Costing tool for estimating the cost of interventions to improve hand hygiene in



unicef





HEALTH CARE FACILITIES

https://washinhcf.org/

World Health

IPC & quality of care, patient safety and primary care





Strengthening infection prevention and control in primary care

A collection of existing standards, measurement and implementation resources

World Health Organization Infection prevention and control in primary care: a toolkit of resources

https://www.who.int/teams/integrated-health-services/quality-health-services/ https://www.who.int/teams/integrated-health-services/patient-safety https://www.who.int/teams/integrated-health-services/infection-prevention-control World Health Organization



IPC & maternal, newborn, child adolescent health and ageing care

- IPC training package for maternal & neonatal care
- Interprofessional Midwifery Education Toolkit
- WHO IPC recommendations for small and sick newborns
- IPC guidance for long term care facilities in the context of COVID-19
 STANDARDS FOR IMPROVING QUALITY

- <u>https://www.who.int/teams/maternal-newborn-child-adolescent-health-and-ageing/covid-19</u>
- <u>https://www.who.int/teams/sexual-and-reproductive-health-and-research-(srh)/overview</u>







IPC and antimicrobial resistance (AMR)

- Implementation of Objective 3 of the Global Action Plan on AMR
- Indicator 3.d.2 for AMR: reducing the percentage of bloodstream infections due to selected antimicrobial-resistant organisms
- Tripartite AMR Country Self-Assessment Survey (TrACSS)
- Global Antimicrobial Resistance and Use Surveillance System
- IPC competencies and curriculum
- IPC integration with antimicrobial stewardship
- Training package: leadership skills to implement multisectoral AMR NAPs
- OpenWHO course: Reducing antimicrobial resistance of treatable sexually transmitted infections in antenatal care

https://www.who.int/teams/integrated-health-services/infection-prevention-control/ipc-andantimicrobial-resistance https://www.who.int/teams/surveillance-prevention-control-AMR







Global AMR research agenda Priority questions (including IPC) to curb AMR

4 cross-cutting domains

- Descriptive of AMR burden and drivers
- **Delivery** of existing interventions with better quality
- **Development** of improved interventions (reduce costs, optimize impact and feasibility)
- **Discovery** and demonstration of new tools and interventions
- > A ranking methodology developed by WHO (CHNRI)
- In collaboration with WHO technical teams
- Based on scoring from large global panel of experts
- Ensuring research triggers effective and actionable interventions





World Healt Organizatio

IPC during COVID-19 pandemic: Thematic areas of work



https://www.who.int/publications/m/item/covid-19-research-and-innovation---powering-the-world-s-pandemic-response-now-and-in-the-future

WHO IPC Basic, Advanced and COVID-19 Training World Health Organization



COVID-19 Operational readiness and Country support in Fragile, Conflict, Vulnerable (FCV) States

World Health Organization

Infection Prevention and Control (IPC) in health-care facilities in the event of a surge or resurgence in cases of COVID-19

Target audience - Emergency operations centre focal persons for health facilities, incident managers, health care managers and administrators, and infection preventior and control focal persons

To reduce transmission of health-care associated infections and thereby to enhance the safety of all who are present in a health-care facility, including patients, staff and visitors.

2 To enhance the ability of a health-care facility to respond to an outbreak.

To lower or eliminate the risk of the health-care facility itself amplifying the outbreak.

IMMEDIATE ACTIONS – WITHIN 2 WEEKS OF IDENTIFICATION OF SURGE/RESURGENCE AND ONGOING

STEP 1

GOALS

COORDINATE INCIDENT COMMAND GROUP TO DIRECT ACTIONS AND CASCADE COMMUNICATIONS The Incident Command Group Identifies and coordinates key actions and risk communications to staff, external services, and referant networks to militgate risks associated with increased need for

care capacity within the health-care facility.

Include representation in Incident Command Group from hospital administration, triage/screening,

clinical teams, occupational health and safety, environmental services, building/facilities, logistics and supply coordination, and all other relevant stakeholders. Assess current capacities to perform care safety, manage expected surge influx, and existing or expected barriers to safe care management.

Opported particles to safe case management.
Plan for recruitment of additional staff across all areas to safely manage increased caseload, coverage for paid sick leave and breaks, and additional human resources for contingency capacities during emergency situations.

Checklist for health facility level <u>IPC in</u> the event of a surge of COVID-19



Yemen COVID-19 response





Northern Ethiopia(Tigray): PPE supplies WASH and IPC specialists

Scaling Up IPC Capacity In Cox's Bazar In Response To Covid-19 Pandemic Furthers Streamlining Of Best Practices In General Health Facilities

Year		2020				2021							
Months	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Screening, waiting and triage area												-	
PPE donning area								1000					
Patient wards													
Laboratory													
PPE doffing area													
Staff resting area													
Kitchen/dining													
Toilets and shower room		-											
Decontamination area		-											
Storage area													
Pharmacy/pharmacy store												1	
Waste management area													
Staff health & safety		-											
Personal protective equipment (PPE) and supplies				1									

EMERGENCIES

programme



Other outbreak responses: Ebola and Marburg Virus Disease and IPC Technical Guidance development



packages for Marburg Virus Disease

• IPC/WASH preparedness and readiness webinars in French and English for surrounding countries:

Côte d'Ivoire, Guinée Bissau, Liberia, Mali, Sierra Leone and Senegal >200 participants over 2 days





Framework and Toolkit for IPC Outbreak Preparedness, Readiness and Response



To provide national and subnational authorities with:

1. A practical **framework** of actions for strengthening IPC outbreak preparation, readiness and response.

2. A toolkit that provides resources to assist in the development of local contingency or action plans to strengthen IPC outbreak preparedness, readiness and response.



programme



THANK YOU and to WHO IPC colleagues!

Alessandro Cassini Nita Bellare **Claire Kilpatrick** Aimee Ramos Paul Rogers Julie Storr Ermira Tartari Joao Toledo Anthony Twyman Sara Tomczyk

April Baller Mandy Deeves Hannah Hamilton Lauretha Madumere Patrick Mirindi Madison Moon Pierre Yves Oger Maria Clara Padoveze Leandro Pecchia Paul Schumacher

Vicky Willet





https://www.who.int/teams/integratedhealth-services/infection-prevention-control

IPC regional focal points: G. Avortri, AP Coutinho Rehse, L. Cihambanya, P. Kariyo, M. Letaief, B. Ndoye, N. Prasopa-Plaizier, A. Shah Singh, H. Sobel, M. Talaat Ismail, B. Zayed

Member States Information Session on

Infection Prevention and Control

COUNTRY CAPACITY BUILDING SUPPORTED BY REGIONAL OFFICES

Dr Maha Talaat, IPC focal point, Eastern Mediterranean Regional Office



7 March 2022



A stepwise approach for implementation



https://www.who.int/publications/i/item/9789241516945

Supporting countries with a tailored, stepwise implementation approach

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https://www.who.int/teams/integrated-health-services/infection-prevention-control/core-components

Assessments in a spirit of improvement



- Regular assessments of IPC programmes are essential for continuous quality improvement.
- Assessment helps to identify existing strengths and take stock of achievements made so far to convince decisionmakers that success and progress is possible.
- Assessment also helps to identify gaps and create a sense of urgency for the changes needed to improve IPC
- Data are of value, ONLY if they are used for action, i.e. to elaborate and implement targeted and feasible improvement plans and to track progress

Member States Information Session on

Infection Prevention and Control

PRIORITIES AND STRATEGIC DIRECTIONS FOR IPC

Dr Zsuzsanna Jakab, Deputy Director-General and ExD a.i., UHC/LC division

7 March 2022





IPC is a tried-and-true approach that is effective and cost-saving



5 reasons to invest in IPC

Ensures quality of care and patient and health workers' safety

Directly improves key health outcomes and saves lives Reduces health care costs and outof-pocket expenses Consists of proven strategies supported by implementation aids

success

Is scalable and adaptable to the local context

5

Critical priorities for IPC in national and international health agendas (1)



1. Functional IPC programmes	Dedicated budgetTrained IPC professionals
2. IPC minimum requirements	 At national and facility levels in all countries Demonstrated by M&E of key IPC and WASH indicators
3. Decisive and visible political commitment and leadership engagement	 At the highest levels Allocation of national and local health budgets Establishing targets for IPC investment
4. Regulations and legal framework	 To enforce IPC requirements and policies through accreditation and accountability systems Reporting of key IPC performance indicators and targets

Source: EB150 Report

Critical priorities for IPC in national and international health agendas (2)



5. Integration and alignment with other programmes	 Specific IPC programme that horizontally integrates/aligns with existing ones
6. Embedding IPC within the patient pathway and	 Tools and SOPs to support IPC understood and practiced at the point of care in all clinical areas Workflow, human factors, ergonomics to be considered
7. IPC training and education at all levels	 Implementation of accredited IPC curricula (pre- & postgraduate, in-service) Based on the WHO IPC core competencies
8. Human resources and career pathway for IPC	 IPC professionals: with a recognized career pathway empowered with a clear mandate and authority accountable for implementation and reporting impact

Source: EB150 Report

Critical priorities for IPC in national and international health agendas (3)



9. Surveillance of HAIs and AMR in health care	 Connected with existing platforms (e.g. GLASS) Existing standardized surveillance protocols (e.g. ECDC PPS) Data must be used locally for action 					
10. Monitoring IPC programmes	 Using standard M&E approaches Regular assessments and feedback to health workers Data must be used locally for action WHO Global IPC Portal is a protected and confidential solution 					
11. IPC and communications	 Tailored & consistent communications Authoritative source, based on science Multiple target audiences 					

Source: EB150 Report



Elevating the importance of IPC



EXECUTIVE BOARD 150th session Provisional agenda item 12 EB150/12 10 January 2022

Infection prevention and control

Report by the Director-General

WHO advocacy & MS highlights of IPC at WHA/EB 2021 IPC on EB150 agenda EB report MS information session 1 EB150 discussions



Thanking all Member States (MS) intervening at EB150



- Interventions were made by the following MS; France for the EU, Colombia, Malaysia, Singapore, Tajikistan, Denmark, UK, Republic of Korea, Japan, Kenya, USA, Canada, Thailand, Spain, China and Brazil, Guinea Bissau on behalf of the African region, Oman, Philippines, Singapore, Syria on behalf of the Easter Mediterranean region and Timor Leste
- MS consistently highlighted the importance of IPC in addressing:
 - the widespread concern about the silent burden of AMR and health care-associated infections (HAI) but also its
 - infectious hazard health emergency preparedness and response
 - health worker and patient safety
 - provision of high-quality and safe health care through
 - health systems strengthening with a primary health care approach.
- MS fully recognized the gaps in IPC programmes highlighted by the pandemic
- MS highlighted that the COVID-19 pandemic response also presents a unique opportunity to
 - strengthen IPC programmes at all levels
 - save lives and money
 - help restore communities' trust in health care
- Guinea Bissau on behalf of the African region, Oman, Philippines, Singapore, Syria on behalf of the Easter Mediterranean region and Timor Leste <u>called for WHO to develop a global IPC strategy</u>



Conclusions: Preventing HAI and AMR is Now!



- Harm acquired where healthcare is provided should no longer be accepted.
- Several countries have been able to introduce IPC standards despite limited resources and constrained situations.
- A **global strategy** would support a wider implementation of the WHO core components for IPC and WASH.
- This will save patient and health worker lives and health care costs.



Thank you for your attention





https://www.who.int/teams/integrated-healthservices/infection-prevention-control