

4th HEPATITIS C
TECHNICAL ADVISORY
GROUP
TAG Meeting

**ELIMINATION PLAN:
INFECTION CONTROL IN HEALTHCARE,
NON-TRADITIONAL HEALTHCARE AND
OTHER COMMUNITY SETTINGS**

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2017 TAG Recommendations

The creation of a central multidisciplinary authority accountable for implementation of national and healthcare level IPC programs in Georgia

The central authority should develop a national plan for infection control to guide implementation of infection control policies and practices at the facility level

The central authority can adapt or develop evidence-based national IPC guidelines for the purpose of reducing healthcare-associated infections

The central authority should support the education and training of the health workforce as one of its core functions by adopting an IPC training curriculum including basic and advanced IPC standards and providing the training to all HCWs by December 2020

TAG encourages a communication strategy to promote behavior change of healthcare providers and non-traditional healthcare providers to ensure safety of practices. To monitor progress of IPC implementation, the TAG recommends establishing a system for monitoring, evaluating and reporting key IPC indicators

Recent legislative changes (1)

National Coordination Council of IPC and AMR - Is a consultative body which includes representatives from the Ministry of Health, Ministry of Agriculture, professional associations and experts

Order of the Minister №01-1277/o, 30th October, 2018

„Approval of the first round Plan for monitoring infection control systems of inpatient medical institutions“

Order of the Minister №01-54/o, 22th of February, 2018

Terms of licensing / permission and technical regulations for inpatient and outpatient medical institutions:

The amendments were made to determine the requirements of laboratories (including bacteriological) and subject to a permit / notification regimen

Changes in decrees of Government of Georgia No385 and No359

Recent legislative changes (2)

"On approval of the rules for surveillance, prevention and control of nosocomial infections"

Changes in the order of the Minister №38 of September, 2015

- The engineering control measures of the medical institution were specified
- Production of an unified accounting document is mandatory for microbiological studies of clinical materials
- Conducting screening of medical personnel on B and C hepatitis is mandatory
- The vaccination of medical personnel employed on the high risk services of the institution is obligatory for hepatitis B
- has been approved the unified instrument for monitoring the infection control system and it is mandatory for all service providers

National guidelines for the purpose of reducing healthcare-associated infections

"Rules for Hepatitis B Vaccination in Adults"

Order of the Minister No 01-288 / o of 22 December 2017

"Immunization management rules"

Order of the Minister No 01-84 / o of April 10, 2018

The US CDC project is underway to develop an IPC guideline, which envisages developing documents based on 2 modules:

Module 1: January, 2018 - currently in the process of professional editing

Module 2: April-October, 2018 -TWG work on module's topics

IPC guideline will be submitted to steering committee at the end of 2018

Contents of the new National IPC guidelines

Module 1

Intro to standard precautions

Hand hygiene

PPE

Injection safety

Sharps injury and prevention

Laundry

Environmental cleaning and disinfection

Decontamination and sterilization

Module 2

Waste management

Respiratory hygiene and cough
etiquette

Transmission based precautions

Occupational health and safety
considerations

Other
services

- Clinical Laboratory Services
- Blood Bank and Transfusion Services
- ICU
- ER
- Pharmacy
- Mortuary

Education and training of the health workforce

The Professional Development Council has accredited **up to 10 programs** of post-diploma education, which includes the infection control modules

Trainings on infection control issues are conducted by **Tbilisi State Medical University, University of Georgia, Caucasus University** and **several professional associations**

Within these programs are preparing:

- **Up to 280 managers** of medical institution
- Epidemiologists
- Infection control specialists
- Persons responsible for waste management

During the year 2018 by **Tbilisi State Medical University**, **more than 100 listeners** were trained in **4 modules**

- **Management** of hazardous and non-hazardous **wastes** of medical institution, cleaning system
- **Nosocomial infections** in a medical institution
- Infection prevention and **hand hygiene**
- Principles of **isolation** in a medical facility and **notification system**

Point Prevalence Survey (PPS) on antibiotic usage, healthcare-associated Infections and antimicrobial resistance

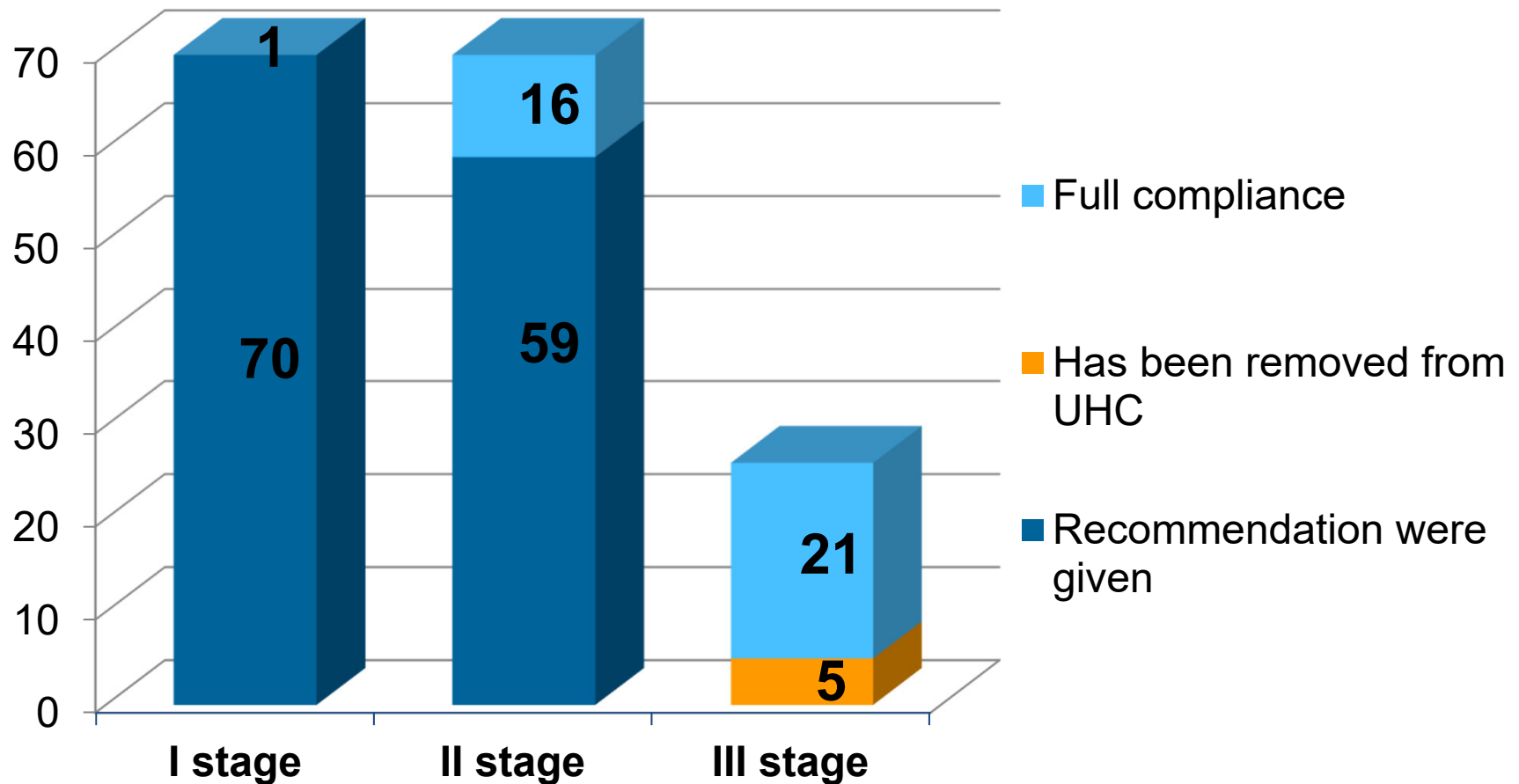


Point Prevalence Survey on antibiotic usage, healthcare-associated infections and antimicrobial resistance

Trainings were organized in **Tbilisi, Kutaisi** and **Batumi** for the **epidemiologists** of the hospitals and **public health centers** about Point Prevalence Survey (PPS) on antibiotic usage, healthcare-associated infections and antimicrobial resistance, study design, data collection and analysis.

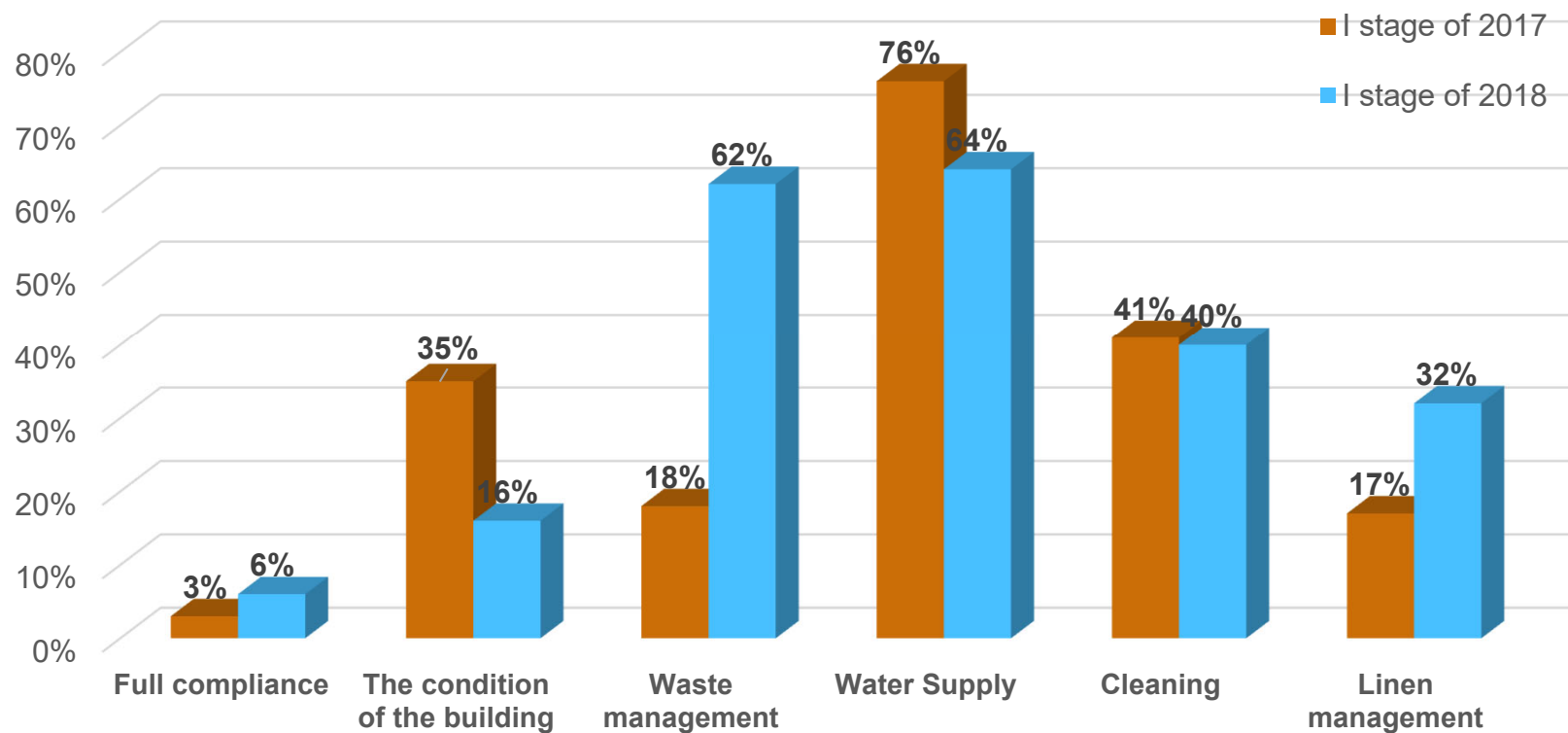
PPS was conducted in **14** intensive care units (ICU) of the **10** hospitals in **Tbilisi, Kutaisi** and **Batumi**

Infection Control Systems monitoring in the inpatient health care facilities 2016-2018



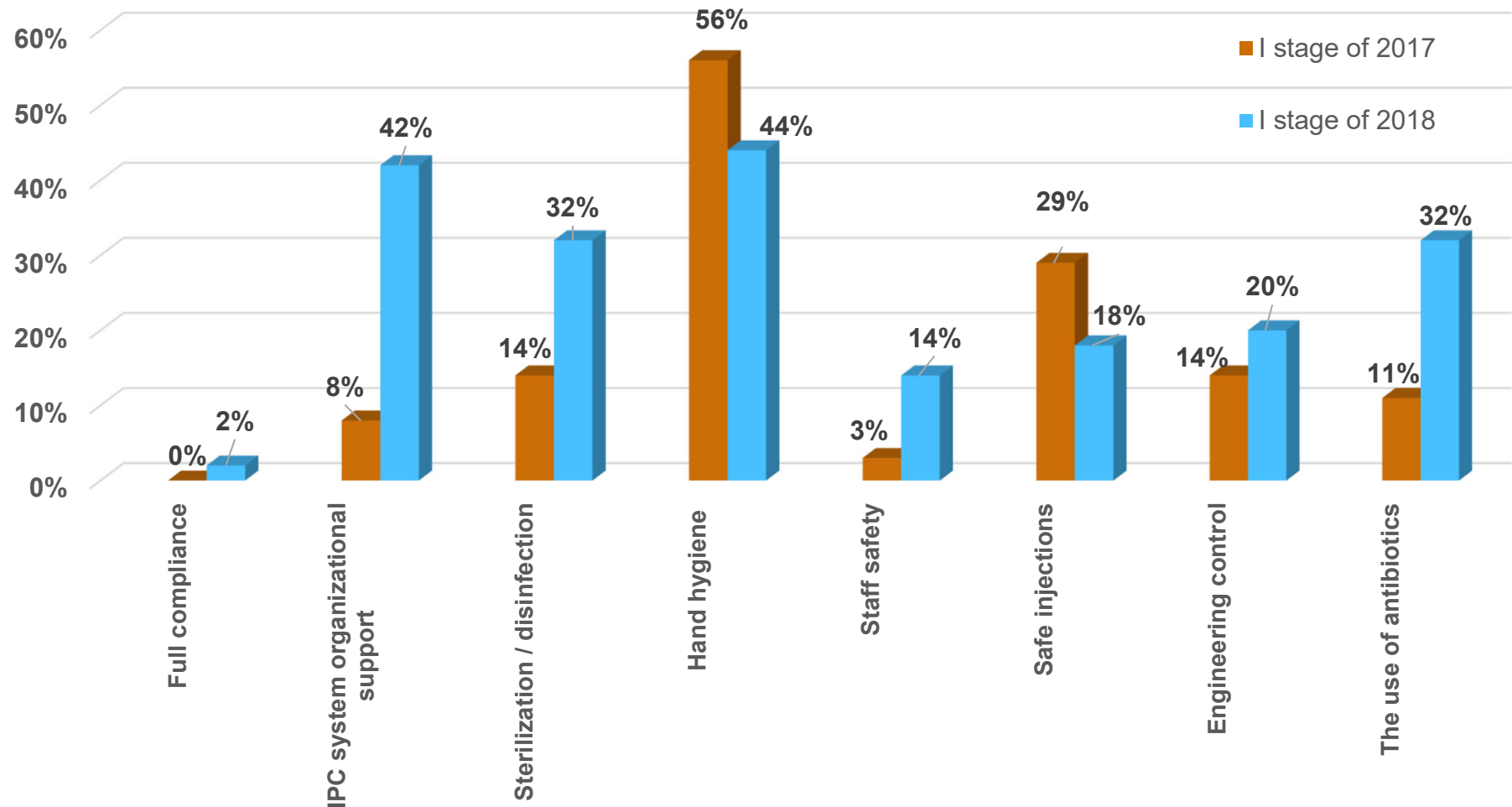
Infection Control Systems monitoring in the inpatient health care facilities

Comparison of I stages in 2017 and in 2018 (Environmental Assessment Component)



Infection Control Systems monitoring in the inpatient health care facilities

Comparison of I stages in 2017 and in 2018
(component of IPC measurement assessment)



Non-traditional healthcare and other community settings



Activities to improve IPC in non-healthcare settings

State regulations and policies, including SOPs on sterilization, disinfection and waste management of IPC during aesthetic and cosmetic procedures are updated and published online

National Recommendations of Public Health (Guidelines) on "Inspection and Protection of Sanitary Rules for Infection Prevention and Control during aesthetic and cosmetic procedures in the Institutions of Public Importance"
Is in the process of approval

Throughout Georgia during the years 2017-2018:

- 2229 institutions were examined
- In 740 institutions observed non-compliance with the requirements
- Administrative sanctions were imposed on 57 institutions

Challenges ...

Incomplete vaccination coverage with hepatitis B vaccine for medical personnel carrying high risk services

Not relevant data for recording and reporting of nosocomial infections by medical institutions

Epidemiologists / infection control specialists simultaneously work at several medical institutions, which have a negative influence on the effectiveness of their activities

Deficiencies of infection control measures in beauty salons (low efficiency of inspection process, low level of awareness of employed personnel and less interest in IPC activities)

There is no unified educational curriculum for IPC trainings

Future plans and priorities for 2019

Publishing and implementation of new IPC guideline

To organize trainings for medical personnel and public health worker according unified educational curriculum

To perform PPS at the pre-selected clinics, with the addition of ICU and surgical departments of the three regional multi-profile hospitals

Continue monitoring of infection prevention control and ensure sustainability of the process

Support for the safety of medical personnel (screening and immunization)

Identification of reporting and selective monitoring format in those institutions that have passed three stages of monitoring and control

Continue monitoring of infection control measures in beauty salons



Thank you for your attention!