



# INFECTION PREVENTION AND CONTROL FOR HEALTHCARE WORKERS

Presented by Infection Control Africa Network (ICAN)

Cape Town: First course: 12-16 April 2021

CPD accredited at SAMA

The Basic IPC for HC Workers is an introductory course specifically designed for healthcare personnel requiring basic IPC knowledge with an emphasis on hand hygiene, standard precautions, and procedure-based transmission precautions in newly developing health systems. It is not designed to be totally comprehensive or extensive, but to introduce basic concepts of IPC to the learners. The aim of this short course is to familiarize healthcare personnel with evidence-based IPC practices to improve quality of care. The course is based on structured curricula and evidence and provides a basis for developing health policies for safe clinical practice for both patients and staff. The examination at the end of the course will be to assess competency

This is a **5-day** course structured to provide **face-to-face didactic lectures** in the morning and clinical visits, group work and discussions in the afternoon. Each morning, there will be a quick revision of the previous day's work. On the last day, there will be a **formal test**

The course is presented in the form of lectures, videos, practical simulations, discussion groups and assignments. The contact session ends with a written examination to establish competency, we can do virtual trainings with special costings and different platform.

## DAY 1

### *Infection Prevention and Control*

Rapid overview on infectious agents like bacteria, viruses and fungi, their modes of transmission and resistance to antimicrobials including disinfectants

- Transmission of pathogens,
- host and microbe defence mechanisms,
- Antimicrobial resistance and stewardship.

- Environmental cleaning
- Waste management
- Linen and laundry management
- Use of disinfectants
- Decontamination and sterilization

## DAY 3

### *Transmission based precautions.*

- Contact precautions
- Droplet precautions
- Airborne precautions
- The built environment- hospital design
- Isolation facilities

## DAY 2

### *Standard Precautions & WASH.*

Basic of standard practices which all healthcare workers should know and apply during their clinical practice towards reducing the risk of transmission of pathogens. The aim is to enhance patient and healthcare worker safety

- Hand hygiene and multimodal strategy
- Personal protective equipment- when and how to use them
- Aseptic procedures and bundles

## DAY 4

### *Surveillance, outbreak response, Risk assessment and IPC policies*

- Measuring healthcare-associated infection
- Surveillance of hospital pathogens
- Outbreak response in hospitals
- Risk assessment and risk management
- Formulating policies and guidelines

## DAY 5

### *Behavior change*

- Review
- Examination

## What is the outcome of this course?

At the end of the course, learners should –

- Have grasped basic concepts of IPC including transmission of pathogens.
- Be able to follow appropriate transmission-based precautions and procedures at the workplace.
- Be able to make informed decisions in IPC relating to disease transmission at the workplace.
- Be able to evaluate evidence based IPC practices and adapt them to local conditions.
- Be able to improve patient, staff and visitor safety and patient care in cost-effective programmes.
- Be able to do a basic IPC risk assessment at the workplace.

Course Fee: R9,000.00

Which include:

- Course material
- Lectures by renowned experts
- Site visits and ward rounds
- Competence certificate

## Registration and enquiries

Course administrator

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