



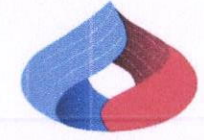
HAITrack

**HEALTH CARE ASSOCIATED INFECTION TRACKING SYSTEM
MOBILE APPLICATION**

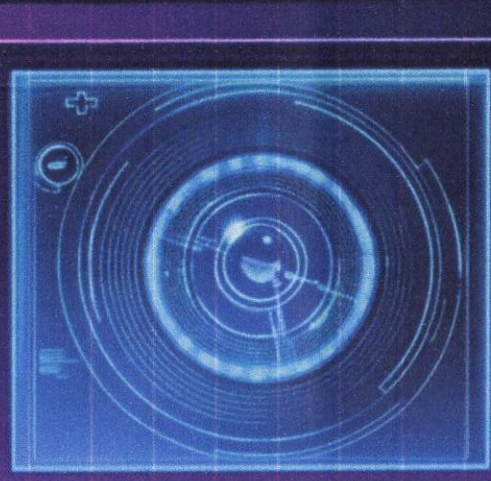
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Definition




HAI SURVEILLANCE

Definition

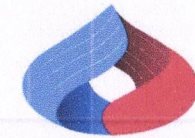


HAI Surveillance refers to the systematic, continuous monitoring of infections that patients acquire during the course of receiving healthcare treatment in hospitals or other healthcare facilities.



It aims to detect, analyze, and respond to infection trends to improve patient safety and reduce morbidity and mortality.



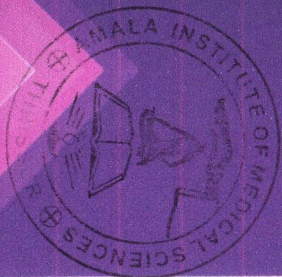


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Part. 02

Objectives of HAI Surveillance



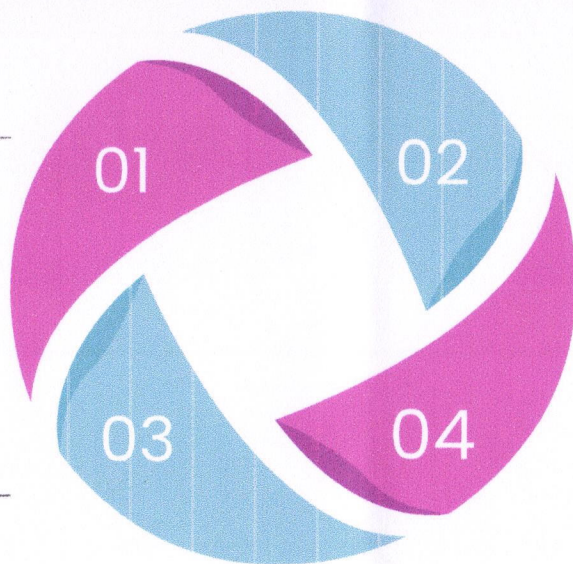
PRIMARY OBJECTIVES

Early Detection

- Identify infections at the earliest possible stage to enable prompt clinical intervention.

Data-Driven Decisions

- Provide actionable insights for hospital epidemiology and quality improvement.



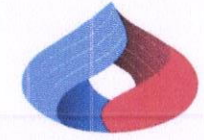
Prevention & Control

- Guide infection prevention & control measures to prevent outbreaks.

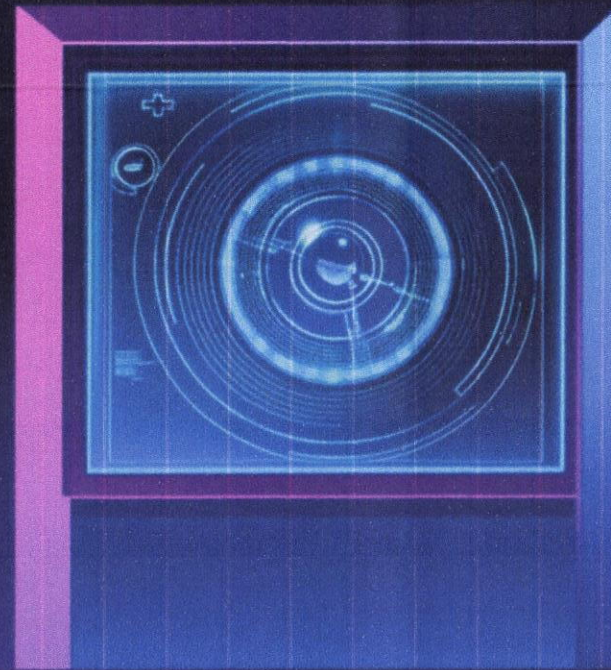
Compliance

- Ensure adherence to national and international infection control standards (e.g., CDC, WHO, NABH).





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Part. 03

Key Components



CRITICAL ELEMENTS



Case Identification

Using clinical signs, lab results, and microbiological data to flag potential HAIs.

Data Collection

Structured recording of patient demographics, procedures, device usage, and infection onset.



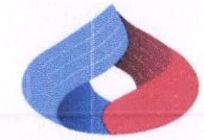
Analysis & Reporting

Statistical review of infection rates, pathogen profiles, and resistance patterns.

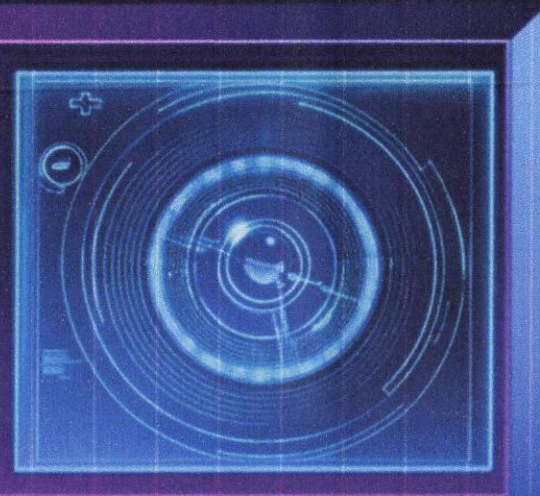
Feedback Loop

Communicating findings to clinical teams for targeted interventions.





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Part. 04

Common Types of HAIs Monitored



TYPES OF INFECTIONS

CLABSI

CENTRAL LINE
ASSOCIATED BLOOD
STREAM INFECTIONS

CAUTI

CATHETER
ASSOCIATED
URINARY TRACT
INFECTION

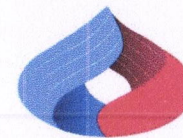
SSI

SURGICAL SITE
INFECTIONS

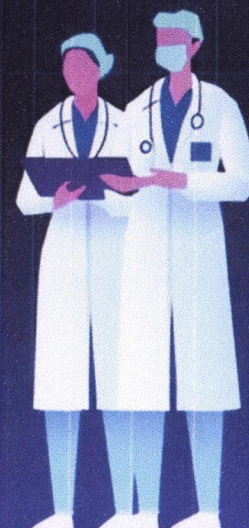
VAP

VENTILATOR ASSOCIATED
PNEUMONIAE





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Part. 05

Role of HAI Track in HAI Surveillance

HAI TRACK FUNCTIONS

Real-Time Alerts

Detect infection indicators early using AI- powered algorithms.

Smart Dashboards

Visualize infection trends and hotspots across departments.

Intervention Triggers

Notify ICN for immediate action and isolation protocols.

Audit & Compliance

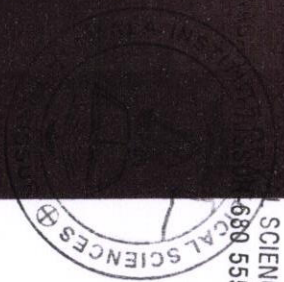
Maintain logs for accreditation and quality audits.



YOUR LOGO

SPECIAL THANKS

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