

NABH Gap Analysis Report

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Executive Summary

| | |
|---------------|----|
| Total Clauses | 10 |
| Compliant | 7 |
| Partial | 3 |
| Non-Compliant | 0 |

Clause-wise Analysis

IMS3 — COMPLIANT (score: 0.8667)

Decision: All mandatory blocks have evidence; clause_score 0.8667 >= 0.7

| Evidence Block | Score | Matched Signals |
|--------------------------|-------|--|
| policy_statement | 0.83 | confidentiality, patient confidentiality, confidential patient information, privacy and confidentiality, confidential medical records |
| access_control_procedure | 0.89 | authorized access, role based access, restricted access, access privileges, access restricted to authorized personnel, access rights defined, user access control, controlled access to records |
| security_controls | 0.89 | physical security, electronic medical records, password protection, access privileges, access restricted to authorized personnel, access rights defined, user access control, controlled access to records |

Exact Evidence Snippets

policy_statement:

- “Information Management and Confidentiality”
- “Patient health information is maintained with strict confidentiality”
- “to transfusion, written informed consent is obtained from the patient or legally authorized”

access_control_procedure:

- “restricted to authorized personnel based on defined access privileges within the hospital”
- “Data protection measures, including password-controlled access and”
- “Access to medical records is”

security_controls:

- “the case of physical files and secure digital deletion processes for electronic records”
- “Access to medical records is”
- “periodic access reviews, are implemented to safeguard electronic medical records”

IMS4 — COMPLIANT (score: 0.4583)

Decision: All mandatory blocks have signal matches (weak matches in: destruction_process)

| Evidence Block | Score | Matched Signals |
|---------------------|-------|------------------------------------|
| retention_policy | 0.67 | retention period, record retention |
| destruction_process | 0.25 | shredding |

Exact Evidence Snippets

retention_policy:

- “Records exceeding the retention period are disposed of securely through shredding in”

- “Record Retention and Disposal”
- destruction_process:**
- “Records exceeding the retention period are disposed of securely through shredding in”

CQI1 — PARTIAL (score: 0.5938)

Decision: Chain incomplete — weak evidence in: indicator_defined (below threshold 0.5)

| Evidence Block | Score | Matched Signals |
|-------------------|-------|--|
| indicator_defined | 0.43 | indicator, key performance indicator, performance indicator |
| data_collection | 0.75 | data collection, monitoring, measurement, data is collected, data collection mechanism, structured data collection |
| analysis | 0.62 | review, evaluation, data is collected, data collection mechanism, structured data collection |
| corrective_action | 0.57 | corrective action, preventive action, improvement, quality improvement action |

Exact Evidence Snippets

indicator_defined:

- “Blood and blood components are administered based on clearly defined clinical indications”
- “Key performance indicators are identified”

data_collection:

- “Data is collected through structured mechanisms, analyzed periodically,”
- “defined and monitored by administrative staff”
- “Patients are monitored during and after transfusion at defined intervals, and vital”

analysis:

- “reviewed to ensure readiness”
- “periodic access reviews, are implemented to safeguard electronic medical records”
- “and discussed during review meetings”

corrective_action:

- “Corrective and preventive actions are initiated where”
- “Continuous Quality Improvement”
- “A formal Quality Improvement Program is operational”

HRM2a — COMPLIANT (score: 0.5619)

Decision: All blocks have evidence; clause_score 0.5619

| Evidence Block | Score | Matched Signals |
|---------------------|-------|---|
| job_descriptions | 0.57 | responsibilities of staff, roles and responsibilities, duties and responsibilities, staff responsibilities documented |
| employee_records | 0.5 | leave record, roles and responsibilities, duties and responsibilities, staff responsibilities documented |
| grievance_mechanism | 0.67 | grievance, disciplinary |

Exact Evidence Snippets

job_descriptions:

- “Roles and responsibilities are formally documented for all categories of staff”

employee_records:

- “personnel files include appointment letters, qualification certificates, training records, and leave”
- “Roles and responsibilities are formally documented for all categories of staff”

grievance_mechanism:

- “A grievance redressal mechanism is in place, and disciplinary procedures are”

AAC2 — PARTIAL (score: 0.5929)

Decision: All mandatory blocks have evidence but clause_score 0.5929 < 0.7

| Evidence Block | Score | Matched Signals |
|----------------------|-------|--|
| registration_process | 0.25 | patient registration, admission workflow |

| | | |
|------------------------|------|---|
| two_identifiers | 0.88 | two identifiers, unique id number, two patient identifiers, patient identity verification, verified using two identifiers, unique hospital id, hospital identification number |
| admission_time_defined | 0.71 | time for admission, patient identity verification, verified using two identifiers, unique hospital id, hospital identification number |

Exact Evidence Snippets

registration_process:

- “At the time of registration, patient identity is verified using at least two identifiers, such as full”
- “All patients presenting to the hospital are registered through a standardized admission workflow”

two_identifiers:

- “At the time of registration, patient identity is verified using at least two identifiers, such as full”
- “name and a unique hospital identification number”

admission_time_defined:

- “hospital information system, and expected timelines for completion of admission formalities are”
- “At the time of registration, patient identity is verified using at least two identifiers, such as full”
- “name and a unique hospital identification number”

COP2 — COMPLIANT (score: 0.7619)

Decision: All mandatory blocks have evidence; clause_score 0.7619 >= 0.7

| Evidence Block | Score | Matched Signals |
|---------------------|-------|---|
| emergency_procedure | 0.86 | emergency services procedure, documented emergency procedure, emergency management protocol, emergency management system, triage protocol, emergency response procedure |
| mlc_handling | 0.67 | medico legal case, legal case procedure, medico legal documentation, legal reporting procedure |
| ambulance_procedure | 0.67 | ambulance maintenance, ambulance services |

Exact Evidence Snippets

emergency_procedure:

- “Emergency Services”
- “legal cases are managed according to established procedures, and documentation is maintained”
- “The hospital has a documented safety framework covering fire prevention, emergency”

mlc_handling:

- “legal cases are managed according to established procedures, and documentation is maintained”
- “The organization defines retention timelines for outpatient, inpatient, medico-legal, and death”

ambulance_procedure:

- “Ambulance services are available, and vehicle maintenance records are periodically”

COP3 — COMPLIANT (score: 0.6875)

Decision: All mandatory blocks have signal matches

| Evidence Block | Score | Matched Signals |
|-----------------------|-------|---|
| indication_defined | 0.5 | use of blood components, blood transfusion indication, clinical indications defined, indications are documented |
| consent_obtained | 0.75 | blood transfusion consent, informed consent for transfusion, consent obtained, informed consent for blood transfusion, clinical indications defined, indications are documented |
| monitoring_documented | 0.83 | transfusion monitoring, vitals during transfusion, monitoring of transfusion, patient monitored during transfusion, monitoring at defined intervals |
| reaction_reporting | 0.67 | adverse transfusion reaction, reaction reporting, reporting of blood reaction, transfusion reaction reported |

Exact Evidence Snippets

indication_defined:

- “Blood and blood components are administered based on clearly defined clinical indications”

- “Blood Transfusion Services”
- “legal cases are managed according to established procedures, and documentation is maintained”
- consent_obtained:**
- “Blood Transfusion Services”
- “to transfusion, written informed consent is obtained from the patient or legally authorized”
- “Blood and blood components are administered based on clearly defined clinical indications”
- monitoring_documented:**
- “Patients are monitored during and after transfusion at defined intervals, and vital”
- “defined and monitored by administrative staff”
- reaction_reporting:**
- “Any adverse transfusion reactions are recorded and reported as per”

MOM1 — COMPLIANT (score: 0.5893)

Decision: All mandatory blocks have signal matches (weak matches in: procurement, storage)

| Evidence Block | Score | Matched Signals |
|----------------|-------|--|
| procurement | 0.43 | medications are procured, drugs are procured, approved vendor purchase |
| storage | 0.43 | medications are procured, drugs are procured, approved vendor purchase |
| prescription | 0.67 | prescription of medication, medication prescription, prescribed by authorized doctor, medical prescription |
| dispensing | 0.83 | dispensing of medication, medication dispensed, pharmacy dispensing, dispensed by pharmacy staff, dispensing record maintained |

Exact Evidence Snippets

procurement:

- “Drugs are procured through approved vendors,”
- “periodic access reviews, are implemented to safeguard electronic medical records”

storage:

- “Drugs are procured through approved vendors,”
- “periodic access reviews, are implemented to safeguard electronic medical records”

prescription:

- “prescription, and dispensing of medications”
- “stored under recommended environmental conditions, prescribed by authorized medical”

dispensing:

- “prescription, and dispensing of medications”
- “practitioners, and dispensed by qualified pharmacy personnel”
- “records are maintained”

HIC1 — PARTIAL (score: 0.7286)

Decision: Mandatory blocks below threshold: bmw_management

| Evidence Block | Score | Matched Signals |
|--------------------------|-------|---|
| infection_control_manual | 1.0 | infection control manual, infection control program, documented infection control, infection prevention manual, infection prevention program, infection control committee |
| universal_precautions | 0.67 | hand hygiene, infection prevention manual, infection prevention program, infection control committee |
| bmw_management | 0.43 | biomedical waste management, biomedical waste segregation, waste segregation |

Exact Evidence Snippets

infection_control_manual:

- “Infection Prevention and Control”
- “An infection prevention and control program is implemented under the supervision of a”
- “A comprehensive infection control manual outlines sterilization”

universal_precautions:

- “practices, hand hygiene protocols, and standard precautions”
- “Infection Prevention and Control”

- “An infection prevention and control program is implemented under the supervision of a”
- bmw_management:**
- “Biomedical waste is segregated,”

FMS1 — **COMPLIANT** (score: 0.9417)

Decision: Clause score 0.9417 >= 0.7

| Evidence Block | Score | Matched Signals |
|-----------------------|-------|---|
| fire_safety_plan | 1.0 | fire safety plan, fire detection system, fire safety procedure, fire detection and alarm system, fire evacuation procedure, fire prevention plan |
| emergency_plan | 0.83 | emergency response plan, disaster management plan, fire detection and alarm system, fire evacuation procedure, fire prevention plan |
| equipment_maintenance | 1.0 | equipment maintenance plan, preventive maintenance, breakdown maintenance, fire detection and alarm system, fire evacuation procedure, fire prevention plan |

Exact Evidence Snippets

fire_safety_plan:

- “The hospital has a documented safety framework covering fire prevention, emergency”
- “Fire detection and alarm systems are installed, and”
- “evacuation procedures are displayed in patient care areas”

emergency_plan:

- “The hospital maintains a structured emergency response system”
- “Emergency response plans, including”
- “disaster management protocols, are defined”

equipment_maintenance:

- “preparedness, and equipment maintenance”
- “Preventive and breakdown maintenance schedules”
- “Fire detection and alarm systems are installed, and”

Consultant Recommendations

The following actionable improvements are suggested based on the gaps identified above.

CQI1 Improvement Plan

Define quality indicators and establish a process for data collection and analysis.

Required Documents:

- • Quality indicator policy
- • Data collection and analysis procedure

Operational Controls:

- Establish a quality indicator committee
- Regularly review and update quality indicators

Audit Tip: Ensure that quality indicators are measurable, achievable, relevant, and time-bound (SMART).

AAC2 Improvement Plan

Develop and implement a comprehensive patient registration process with at least two unique identifiers.

Required Documents:

- • Patient registration policy
- • Registration process procedure

Operational Controls:

- Train staff on the registration process
- Regularly review and update the registration process

Audit Tip: Verify that all patients are registered using the defined process and that the process is consistently followed.

HIC1 Improvement Plan

Implement effective biomedical waste management practices.

Required Documents:

- Biomedical waste management policy
- Waste disposal procedure

Operational Controls:

- Designate a biomedical waste management team
- Regularly inspect and maintain biomedical waste management equipment

Audit Tip: Ensure that biomedical waste is properly segregated, stored, and disposed of in accordance with regulatory requirements.