

## NABIDH Minimum Data Set



Towards a  
healthier  
and happier  
community

نحو  
مجتمع  
أكثر صحة  
وسعادة



# Document Purpose

This document lists the current NABIDH minimum data set that is required to be shared by facilities which shall enable exchange of data between facilities considering the NABIDH Patient privacy policy.

This document also lists the current Standards that shall be followed by NABIDH program for exchange of information between facilities.

Detailed information regarding each of these data set and any updates to these data sets and standards shall be discussed with the facilities during the onboarding process.

# Purpose of Minimum Data Set

NABIDH emphasizes on the importance of systematic, structured, and comprehensive data sets for analysing health status of people, and mandates to use the Minimum Data Set (MDS).

The objective of the Minimum Data Set (MDS) is to eliminate disparity of data among different health information systems. NABIDH stores and exchanges large amount of data between facilities, and it depends on many factors such as data quality and appropriateness which is important for medical decision making and research purposes.

Detailed information regarding each of these data sets and any updates to these data sets and standards shall be discussed with the facilities during the onboarding process.

# NABIDH Demographic and Clinical Data Set

As per NABIDH Policies and Standards, the below data will be received from and shared with connected facilities:

- Patient demographics
- Encounters/Visit information
- Insurance information
- Patient Consent
- VIP Patient Identifiers
- Family History
- Social History
- Vitals
- Problems
- Allergies
- Diagnosis
- Procedures (Surgical and Non-Surgical)
- Laboratory Results (Both Discreet and Non-Discreet)
- Radiology Results without images
- Clinical Documents (Discharge summary, Operative notes, etc.)
- Medication Orders
- Vaccination details

# NABIDH Patient, Facility and Organization Data Set

1. MRN Number
2. Patient Name (First Name, Last Name)
3. Gender
4. Date Of Birth
5. Emirates ID
6. Mobile Number
7. Nationality
8. Address including Post Box, Makani number, City and Emirate
9. Clinician Sheryan id
10. Facility Sheryan id

# NABIDH Clinical Coding & Terminology Standards

NABIDH follows the below set of standards for the clinical data shared by the facilities:

Standard Code	Name of the Standard	Standard for
<b>ICD 10-CM</b>	International Classification of Diseases, 10th Revision, Clinical Modification	Diagnosis/Disease Coding
<b>CPT 4</b>	Current Procedural Terminology	Procedures - medical, surgical, and diagnostic services
<b>HCPCS Level II</b>	Healthcare Common Procedure Coding System Level II	Supplies, Disposable and Consumables
<b>CDT (ADA)</b>	Current Dental Terminology by American Dental Association	Dental procedures and related services
<b>UNS</b>	Universal Numbering System (Dental)	Observations to a specific tooth
<b>DDC</b>	Dubai Drug Code	Drugs and related (medications)
<b>LOINC</b>	Logical Observation Identifiers Names and Codes	Laboratory and Clinical Observations
<b>SNOMED CT</b>	Systematized Nomenclature of Medicine Clinical Terms	Comprehensive clinical granularity, used to capture problem list, allergies, diagnosis, procedures etc.

# NABIDH Messaging Standards

NABIDH follows below messaging standards and expects facilities to send data using one or more of these standards:

Standard Code	Name of the standard	Standard for
<b>HL7 V2.x</b>	Health Level Seven Version 2.x	HL7 International
<b>HL7 V3</b>	Health Level Seven Version 3	HL7 International
<b>HL7 CDA R2</b>	Clinical Document Architecture Release 2	HL7 International
<b>HL7 FHIR R4</b>	Fast Healthcare Interoperability Resources Release 4	HL7 International
<b>IHE Profiles</b>	Multiple IHE profiles	IHE International

# NABIDH Facility Minimum Data Set Criteria

Clinical Data	EMR	Hospital	Other Hospital	Clinic	Other Clinic	Day Surgery	Diagnostics Center	Dental	Tele Health
Allergies	•	•	•	•	•	•	•	•	•
Vitals	•	•	•	•	•	•	•	•	•
Problems	•	•	•	•	•	•	•	•	•
Diagnosis	•	•	•	•	○	•	•	•	•
Procedures	•	•	○	•	•	•	•	•	•
Social History	•	•	•	•	○	•	•	○	•
Family History	•	•	•	•	○	•	•	○	•
Medication	•	•	•	•	•	•	•	•	•
Laboratory Results - Discreet and Textual	•	•	•	•	○	•	•	○	•
Radiology Results	•	•	•	•	○	•	•	•	•
Results as PDF - Laboratory/Radiology	•	•	○	○	○	•	○	○	○
Immunizations	•	•	○	○	•	○	○	○	○
Clinical Summaries	•	•	•	•	○	•	•	•	•
Insurance	•	•	•	•	•	•	•	•	•
Patient Merge	•	•	•	•	•	•	•	•	•
Patient Consent	•	•	•	•	•	•	•	•	•
Patient VIP Flag	•	•	•	•	•	•	•	•	•

• : Required ○ : Optional



# NABIDH Facility Category Definitions

<b>EMR</b>	<p>Cloud EMR: EMR to build functionality, Messages and Clinical Standards as per NABIDH specifications on their infrastructure and once EMR is NABIDH certified Onboarding of new facilities to be quick and easy.</p> <p>Cloud EMRs but implemented on facility Premise: EMR to build functionality, Messages and Clinical Standards as per NABIDH specifications and once certified Onboarding of new facilities to be quick and easy.</p> <p>EMRs should build and share all the data as per NABIDH specifications even if the facility where it is implemented is not following certain workflows</p>
<b>Hospital</b>	General Hospital, Specialty Hospital (Single and Multiple)
<b>Other Hospital</b>	Convalescence House, Rehabilitation Center (1 Spec), Rehabilitation Center (2 Spec), Rehabilitation Center (3+ Spec)
<b>Clinic</b>	Fertility Center, General Clinic, Polyclinic (2 Spec), Polyclinic (3+ Spec), Special Need Center, Specialty Clinic
<b>Other Clinic</b>	Home Healthcare Agency, Renal Dialysis Center
<b>Diagnostic Center</b>	Diagnostic Center (Multiple Specialties), Medical Laboratory, Radio-Diagnostic Center
<b>Dental</b>	Dental General Clinic

Thank you.

