



American Medical Solutions, Inc

§170.315(b)(10) Electronic Health Information Export Documentation

Table 1 – Document Properties

Document Owner	Classification	Description	Distribution
Arturo Sanchez	Public		

Table 2- Revision History

Version	Date	Author	Description of Change	Status
0.1	05/16/22	Arturo Sanchez	Created	Draft
1.0	6/29/2022	Anthony Puglisi	Approval	Approved

Table of Contents

1 Overview	3
2 Export Sections	4
2.1 Patient Demographics	4
2.2 Allergies	4
2.3 Vitals	5
2.4 Care Team	6
2.5 Immunizations	6
2.6 Procedures	6
2.7 Assessment and Plan of Treatment	6
2.8 Laboratory	7
2.9 Provenance	7
2.10 Medications	7
2.11 Smoking Status	8
2.12 Clinical Notes	8
2.13 Goals	8
2.14 Health Concerns	9
2.15 Problems	9

1 Overview

Helios EMR allows users, with the right permissions, to export a patient's Electronic Health Information (EHI) as a set of CSV (comma separated value) files. The purpose of this document is to provide the definition and mapping of the resulting CSV files for proper use.

2 Export Sections

System administrators must provide permissions for users that need to have access to the export functionality which is available as an option on the toolbar of Encounter's Summary.

When the export functionality is triggered, the user would need to select the categories of the EHI that needs to be exported, each section (if available) is going to generate an independent csv file which name will be the same as the name of the section, once the data is extracted and the csv files are generated, the system is going to generate a .zip and it is going to download it.

The schema of each section is defined below.

2.1 Patient Demographics

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
ChartNumber	vvarchar	Unique identifier for the patient
FirstName	vvarchar	
LastName	vvarchar	
MiddleName	vvarchar	
Suffix	vvarchar	
PreviousName	vvarchar	
DateofBirth	Date Time	yyyy/mm/dd
Race	vvarchar	
Ethnicity	vvarchar	
BirthSex	vvarchar	
PreferredLanguage	vvarchar	

CurrentAddress	varchar	
PreviousAddress	varchar	
PhoneNumber	varchar	
PhoneNumberType	varchar	
EmailAddress	varchar	

Table 2.1. Patient Demographics schema.

2.2 Allergies

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Substance	varchar	
Reaction	varchar	
Severity	varchar	
Status	varchar	
Non-Medication	varchar	

Table 2.2. Patient’s Allergies.

2.3 Vitals

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
SystolicBloodPressure	numeric	
DiastolicBloodPressure	numeric	
HeartRate	numeric	
Respiratory Rate	numeric	

BodyTemperature	numeric	
BodyHeight	numeric	
BodyWeight	numeric	
PulseOximetry	numeric	
InhaledOxygenConcentration	numeric	
BMIPercentile	varchar	
Weight-for-lengthPercentile	numeric	
HeadOccipital-frontalCircumference	decimal	
Percentile	decimal	

Table 2.3. Patient’s Vitals.

2.4 Care Team

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
FirstName	varchar	
LastName	varchar	

Table 2.4. Patient’s Care Team.

2.5 Immunizations

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Immunizations	varchar	

Table 2.5. Immunizations.

2.6 Procedures

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Procedures	varchar	

Table 2.6.Procedures.

2.7 Assessment and Plan of Treatment

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
AssessmentandPlanofTreatment	varchar	

Table 2.7 Assessment and Plan of Treatment.

2.8 Laboratory

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Tests	varchar	
Values/Results	varchar	

Table 2.8 Laboratory.

2.9 Provenance

Column	Data Type	Notes
--------	-----------	-------

Id	long	Unique identifier for each record in the table.
AuthorTimeStamp	varchar	
AuthorOrganization	varchar	

Table 2.9 Provenance.

2.10 Medications

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Medications	varchar	

Table 2.10. Medications.

2.11 Smoking Status

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
SmokingStatus	varchar	

Table 2.11. Smoking Status.

2.12 Clinical Notes

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
ConsultationNote	varchar	
DischargeSummaryNote	varchar	
History&Physical	varchar	

ProcedureNote	varchar	
ProgressNote	varchar	
ImagingNarrative	varchar	
Laboratory Report Narrative	varchar	
Pathology Report Narrative	varchar	

Table 2.12 Clinical Notes.

2.13 Goals

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Patient Goals	varchar	

Table 2.13 Goals.

2.14 Health Concerns

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Health Concerns	varchar	

Table 2.14 Health Concerns.

2.15 Problems

Column	Data Type	Notes
Id	long	Unique identifier for each record in the table.
Problems	varchar	

Table 2.15 Problems.

