

Attachment H - NHCS EHR Variable List

Data Item

Patient First Given Name

Patient Second Given Name (middle name)

Patient Surname (last name)

Patient Generational Suffix (eg Jr, Sr)

Patient Address 1

Patient Address 2

Patient City

Patient State

Patient Zip

Patient SSN

Patient Medicare number

Patient's medical record number

Patient Date of Birth

Patient Sex

Patient Race

Patient Ethnicity

Patient Marital Status

Patient Residence Type

Type of clinic/location where visit occurred (family practice, cardiology, etc.)

Has patient been seen in clinic/location before

If yes, how many visits in previous 12 months
(excluding this visit)

NPI of physicians

Types of care providers seen (including attending, resident, intern, N.P., P. A., consulting, specialist(s), Nurse, mental health providers, social workers)

Anesthesia Provider Type

Seen by PCP

Source of referral

Encounter Number

Date/Time of admission/visit/arrival

Date/Time of departure/discharge

Expected source(s) of payment

Is this visit for a new problem, chronic problem
(routine or flare-up), preventive care, pre-/post-
surgery, surgery/procedure

Initial or follow-up visit?

Discharge disposition

Did someone attempt to follow-up with this patient
within 24-hours after this surgery

If follow-up attempt was made, what was learned?

Reason for Visit (Patient)

Reason for Visit (Patient)

Diagnosis

Primary Diagnosis

Active Problems

Problems the patient has (all others besides asthma)
(Co-morbid conditions)

Adverse effect of medical treatment

Attachment H - NHCS EHR Variable List

Lab Tests - Test Name

Lab Tests - Test Code

Lab Tests - Test Datetime

Lab Test - Quantitative Result

Lab Test - Qualitative Result

Provided: Examinations

Provided: Blood Tests

Provided: Imaging Services

Provided: Other tests and Procedures (except Excision of tissue, biopsy)

Provided: Excision of tissue, biopsy

Provided: Non-medication Tx

Provided: Health Education/Counselling

Ordered: Examinations

Ordered: Blood Tests

Ordered: Imaging Services

Ordered: Other tests and Procedures (except Excision of tissue, biopsy)

Ordered: Excision of tissue, biopsy

Ordered: Non-medication Tx

Ordered: Health Education/Counselling

Procedures using CPT and HCPCS CODES

Supplied/Administered Medication

Ordered Medication

Type(s) of Anesthesia administered

Supplied/Administered Immunization

Ordered Immunization

Tobacco Use

Smoking Status

Is Female Pregnant

Attachment H - NHCS EHR Variable List

Estimated Date of Delivery

Patient Asthmatic

Vital sign - Height

Vital sign - Weight

Vital sign - Temperature

Vital sign - Blood Pressure - Systolic

Vital sign - Blood Pressure - Diastolic

Vital sign - others

Temperature on arrival and last taken

Historical Labs

If injury, intentionality

If injury, cause

Symptoms(s) present during or after surgery/procedure

Attachment H - NHCS EHR Variable List

Xpath

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Any of the Admission Diagnosis, Diagnosis or Primary Diagnosis where there is no effectiveTime/high

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OR

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OR

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Attachment H - NHCS EHR Variable List

Section	CDA Template
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
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(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
Patient Information Section (V3)	Patient Residence Observation
(Header)	Outpatient Encounter (NHCS-OPD, NAMCS, NHAMCS-OPD) (V3)
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/New Patient Act
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Number of Visits in the Last 12 Months
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Clinical Note and External Document Reference
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
(Header)	National Health Care Surveys (V2)
Payment Sources Section	Planned Coverage
(Header)	
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Major Reason for Visit
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Episode of Care Observation (V2)
(Header)	National Health Care Surveys (V2)
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Procedure Follow-Up Attempt Observation
Outpatient Encounters Section (V3)	Current Outpatient Visit (V3)/Procedure Follow-Up Attempt Observation/ Follow-up Attempt Outcome Observation
Reasons for Visit Section (V2)	
Reasons for Visit Section (V2)	Patient's Reason for Visit Observation
Problems Section (V3)	Problem/Diagnosis/Symptom/Condition Observation (V2)
Problems Section (V3)	Primary Diagnosis Observation (V2)
Problems Section (V3)	Admission Diagnosis Observation Problem/Diagnosis/Symptom/Condition Observation (V2) Primary Diagnosis Observation (V2)
Problems Section (V3)	Problem/Diagnosis/Symptom/Condition Observation (V2)
Problems Section (V3)	Adverse Effect of Medical Treatment

Attachment H - NHCS EHR Variable List

Results Section (Entries Optional)	Result Observation (V2)
Results Section (Entries Optional)	Result Observation (V2)
Results Section (Entries Optional)	Result Observation (V2)
Results Section (Entries Optional)	Result Observation (V2)
Results Section (Entries Optional)	Result Observation (V2)
Services and Procedures Section	Provided Service Observation
Services and Procedures Section	Provided Service Observation
Services and Procedures Section	Provided Service Observation
Services and Procedures Section	Provided Service Act
Services and Procedures Section	Provided Service Procedure
Services and Procedures Section	Provided Service Act
Services and Procedures Section	Provided Service Act
Services and Procedures Section	Ordered Service Observation
Services and Procedures Section	Ordered Service Observation
Services and Procedures Section	Ordered Service Observation
Services and Procedures Section	Ordered Service Act
Services and Procedures Section	Ordered Service Procedure
Services and Procedures Section	Ordered Service Act
Services and Procedures Section	Ordered Service Act
Services and Procedures Section	Provided Service Act OR Provided Service Observation OR Provided Service Procedure
Medications Section	Medication Activity (V2)
Medications Section	Planned Medication Activity (V2)
Medications Section	Medication Activity (V2)
Immunizations Section	Immunization Activity (V2)
Immunizations Section	Planned Immunization Activity (V2)
Patient Information Section (V3)	Tobacco Use (V2)
Patient Information Section (V3)	Smoking Status - Meaningful Use (V2)
Patient Information Section (V3)	Pregnancy Observation

Attachment H - NHCS EHR Variable List

Patient Information Section (V3)	Estimated Date of Delivery
Problems Section (V3)	Problem/Diagnosis/Symptom/Condition Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Vital Signs Section (entries required) (V2)	Vital Sign Observation (V2)
Results Section (Entries Optional)	Result Observation (V2)
Problems Section (V3)	Injury or Poisoning Observation (V2)
Problems Section (V3)	Injury or Poisoning Observation (V2)/Cause of Injury, Poisoning or Adverse Effect
Problems Section (V3)	Problem/Diagnosis/Symptom/Condition Observation (V2)

Attachment H - NHCS EHR Variable List

Comments

Value contains the number of visits

Will be a code representing an anesthesia provider

Free text

Coded

Attachment H - NHCS EHR Variable List

Choose one of the CDA Templates depending on the type of procedure (i.e. Act, Observation, or Procedure). See template descriptions in IG for details.

Continued medication:
substanceAdministration/effectiveTime/low
< encounter date
New medication:
substanceAdministration/effectiveTime/low
>= encounter date

Continued medication:
substanceAdministration/effectiveTime/low
< encounter date
New medication:
substanceAdministration/effectiveTime/low
>= encounter date

Code would be a type of anesthesia

Continued immunization:
substanceAdministration/effectiveTime/low
< encounter date
New immunization:
substanceAdministration/effectiveTime/low
>= encounter date

Continued medication:
substanceAdministration/effectiveTime/low
< encounter date
New medication:
substanceAdministration/effectiveTime/low
>= encounter date

Attachment H - NHCS EHR Variable List

value/@value=<numeric value>
value/@unit=<unit of measurement>

value/@value=<numeric value>
value/@unit=<unit of measurement>

value/@value=<numeric value>
value/@unit=<unit of measurement>

value/@value=<numeric value>
value/@unit=<unit of measurement>

value/@value=<numeric value>
value/@unit=<unit of measurement>

code contains the vital sign being measured
value contains the measurement
value/@value=<numeric value>
value/@unit=<unit of measurement>

Use date to get the two values

Use date to get historical labs

Use date to find inclusion in this set