|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Organizational Identifiers** |  |  |
|  | VAMC CONTROLQICBEGDTEREVDTE | Facility IDControl NumberAbstractor IDAbstraction Begin DateAbstraction End Date | Pre-fillQI pre-fillAuto-fillAuto-fillAuto-fill |  |
|  |  | Patient Identifiers |  |  |
|  | SSNFINPTNAMEFPTNAMELBIRTHDTSEXRACEETHNICITYCOHORTAGE | Patient SSNFINFirst NameLast NameBirth DateSexRaceEthnicityCohortAge | Pre-fill: no changePre-fill: no changePre-fill: no changePre-fill: no changePre-fill: no changePre-fill: **can change**Pre-fill: no changePre-fill: no changePre-fill: no changeCalculate age at ARRVDATE |  |
| 1 | arrvdate | Enter the **earliest** documented date the patient arrived in the emergency department at this VAMC.  | mm/dd/yyyy**Pre-filled: Can be modified**

|  |
| --- |
| >= stdybeg and <= stdyend |

 | **Pre-filled; can be modified if abstractor determines that the date is incorrect.****The intent of this data element is to determine the earliest date the patient arrived in the emergency department at this VAMC.** **Exclusion:** Preoperative tests or screening**Suggested Data Sources**: Emergency Department record |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | arrvtime | Enter the **earliest** documented time the patient arrived at the emergency department at this VAMC. | \_\_\_\_\_UMT**If unable to find the time of arrival, the abstractor can enter 99:99** | **Arrival time is the earliest recorded time the patient arrived at the emergency department. Arrival time may differ from admission time.****ONLY ACCEPTABLE SOURCES:** Emergency Department record includes any documentation from the time period that the patient was an ED patient. Documentation may include ED Face Sheet, ED Consent/Authorization for treatment forms, ED Registration/sign-in forms, vital sign graphic record, triage record, physician orders, ED ECG reports, ED telemetry/rhythm strips, ED laboratory reports, ED x-ray reports**Review the ONLY ACCEPTABLE SOURCES to determine the earliest time the patient arrived at the ED. The intent is to utilize any documentation which reflects processes that occurred after arrival at the ED.** * If the patient was transferred from your hospital’s satellite/free-standing ED or from another hospital within your hospital’s system (as an inpatient or ED patient), and there is one medical record for the care provided at both facilities, use the arrival time at the first facility.
* Documentation outside of the ONLY ACCEPTABLE SOURCES list should NOT be referenced (e.g., ambulance record, physician office record, H&P).
* Arrival time should NOT be abstracted simply as the earliest time in one of the ONLY ACCEPTABLE SOURCES, without regard to other substantiating documentation. When looking at the ONLY ACCEPTABLE SOURCES, if the earliest time documented appears to be an obvious error, this time should not be abstracted.

Example: ED face sheet lists arrival time 1320. ED registration 1325. ED triage 1330. ED consent to treat form has 1:17 with “AM” circled. ED record documentation suggests the 1:17 AM is an obvious error. Enter 1320 for Arrival Time.* If the patient is in an outpatient setting of the hospital (e.g., undergoing dialysis, chemotherapy) or a SNF unit of the hospital, and is transferred to the ED, use the time the patient arrives in the ED.
* **If arrival time is unable to be determined from any of the ONLY ACCEPTABLE SOURCES, enter 99:99.**
 |
| 3 | emcode | Enter the E/M code documented for this emergency department encounter. | **\_\_ \_\_ \_\_ \_\_ \_\_****Pre-filled: can be modified**

|  |
| --- |
| **Warning: code must be on OP Table 1.0** |

If code is not on OP Table 1.0, case is excluded | Will pre-fill from PTF with ability to change. This code is used to report evaluation and management services provided in the emergency department.Do NOT change the E/M code unless the E/M code documented in the record is not the code displayed in the software.E/M codes for ED encounters: 99281, 99282, 99283, 99284, 99285, and 99291.**Exclusion Statement:** Documentation of an E/M code not on OP Table 1.0 excludes the case from the Hospital Outpatient (HOP) Measures. |
| 4 | princode | Enter the ICD-10-CM principal diagnosis code. | \_\_ \_\_ \_\_. \_\_ \_\_ \_\_ \_\_(3 alpha-numeric characters/decimal point/four alpha-numeric characters)**Pre-filled: can be modified**

|  |
| --- |
| **Cannot enter 000.0000, 123.4567, or 999.9999** |

 | **Will pre-fill from PTF with ability to change. Do NOT change the principal diagnosis code unless the principal diagnosis code documented in the record is not the code displayed in the software.**The principal diagnosis code is the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) code associated with the diagnosis established after study to be chiefly responsible for the emergency department encounter. |
| 5 | othrcode1othrcode2othrcode3othrcode4othrcode5othrcode6othrcode7othrcode8othrcode9othrcode10othrcode11othrcode12othrcode13othrcode14othrcode15othrcode16othrcode17othrcode18othrcode19othrcode20othrcode21othrcode22othrcode23othrcode24 | Enter the ICD-10-CM other diagnosis codes:  | \_\_ \_\_ \_\_. \_\_ \_\_ \_\_ \_\_(3 alpha-numeric characters /decimal point/four alpha-numeric characters)**Pre-filled: cannot be modified****If enabled, can enter up to 24 codes****If enabled, abstractor can enter xxx.xxxx in code field if no other diagnosis codes found** | **Will be pre-filled from PTF with up to 24 ICD-10-CM other diagnosis codes. Cannot be modified.** **If no other diagnosis codes are received from PTF, abstractor is to verify codes documented in the record and enter. If no other diagnosis codes are found in the record, enter xxx.xxxx.** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6 | dccode | What was the patient’s discharge disposition from the outpatient setting?1. Home* Assisted Living Facilities (ALFs) – includes assisted living care at nursing home/facility
* Court/Law Enforcement – includes detention facilities, jails, and prison
* Home – includes board and care, domiciliary, foster or residential care, group or personal care homes, retirement communities, and homeless shelters
* Home with Home Health Services
* Outpatient Services including outpatient procedures at another hospital, outpatient Chemical Dependency Programs and Partial Hospitalization

2. Hospice – Home (or other home setting as listed in #1 above)3. Hospice – Health Care Facility* General Inpatient and Respite, Residential and Skilled Facilities, and Other Health Care Facilities

4a. Non-VA Acute Care Facility – General Inpatient Care4b. Acute Care Facility – Critical Access Hospital4c. Acute Care Facility - Cancer or Children’s Hospitals 4d. Acute Care Facility - Department of Defense or Veteran’s Administration Hospitals 5. Other Health Care Facility* Extended or Immediate Care Facility (ECF/ICF)
* Long Term Acute Care Hospital (LTACH)
* Nursing Home or Facility including Veteran’s Administration Nursing Facility
* Psychiatric Hospital or Psychiatric Unit of a Hospital
* Rehabilitation Facility including Inpatient Rehabilitation Facility/Hospital or Rehabilitation Unit of a Hospital
* Skilled Nursing Facility (SNF), Sub-Acute Care or Swing Bed
* Transitional Care Unit (TCU)
* Veteran’s Home

6. Expired7. Left Against Medical Advice/AMA99. Not documented or unable to determine | 1,2,3,4a, 4b,4c,4d,5,6,7,99 | **Discharge disposition: The final place or setting to which the patient was discharged from the outpatient setting.** * If documentation is contradictory, use the latest documentation. Example: Nursing discharge note documentation indicates that the patient was discharged to home. A later Social Services note states “Home with Hospice.” Select “2”. **However, if there is documentation that further clarifies the level of care, that documentation should be used to determine the correct value to abstract, even if it is not the latest.**
* Values “2” and “3” hospice include discharges with hospice referrals and evaluations
* If the medical record states only that the patient is being discharged to a non -VA hospital and does not reflect the level of care that the patient will be receiving, select “4a”.
* If the medical record identifies the facility the patient is being discharged to by name only (e.g., Park Meadows) and does not reflect the type of facility of level of care, select “5”.
* Selection of option “7” (left AMA):
	+ A signed AMA form is not required for this data element, but in the absence of a signed form, the medical record must contain physician or nurse documentation that the patient left against medical advice or AMA.
	+ Do not consider AMA documentation and other disposition documentation as “contradictory.” If any source states the patient left against medical advice, select “7” regardless of whether the AMA documentation was written last (e.g., AMA form signed and discharge instruction sheet states “Discharged home with belongings” - select “7”.
	+ Physician order written to discharge to home. Nursing notes reflect that the patient left before discharge instructions could be given; select “1”.

 **Suggested Data Sources:** Discharge instruction sheet, Emergency Department record, nursing discharge notes, physician orders, progress notes, transfer record |
|  |  | **Emergency Department** |  |  |
| 7 | obsev | During the Emergency Department visit was the patient placed into observation services?1. Yes2. No | 1,2 | **Review the emergency department (ED) documentation to determine if the patient was placed into observation services.** When a patient is placed into observation, their clinical workflow may vary from patients who are not placed into observation prior to departure from the ED. Additional guidance on abstracting ED Departure Time for patients placed into observation is in the EDCTM rules.**Only acceptable sources:** ED record, ED physician/APN/PA order for observation status |
| 8 | edcdt1 | Computer will pre-fill the date the patient departed from the emergency department. | mm/dd/yyyy**Computer will pre-fill** **Cannot modify**  | **Computer will pre-fill** the date the patient departed from the Emergency Department (ED). This date will come from the patient list provided by the VA Program Office.  |
| 9 | edcdtval | Is the pre-filled emergency department (ED) departure date on (computer display edcdt1), the date documented in the medical record that the patient departed the ED?1.Yes2.No | 1,2If 1, go to edctm1 | **ONLY ACCEPTABLE SOURCE: ED record****Select value “1” if the date displayed in the question is the date documented in the medical record that the patient departed from the ED.** * If the date of departure from the ED is not documented, but the date of departure can be determined from other documentation, (e.g., you are able to identify from documentation the patient arrived and was transferred to medical unit on the same day), enter this date.
* A discharge date listed on a disposition sheet may be used.
* **Observation Services: For patients who are placed into observation services, select value “1” if the date is the same date as the physician/APN/PA order for observation services**.
* If there is documentation the patient left against medical advice and it cannot be determined, select value “2”.
* The medical record must be abstracted as documented (i.e., face value). When the date documented is obviously in error (e.g. 11/42/20xx) or outside the parameters of care (e.g., after discharge date) and no other documentation is found that provides this information, select value “2”.

**Includes, but is not limited to:** ED Departure Date, ED Discharge Date, ED Leave Date **Exclude:** Disposition Date |
| 10 | edcdt2 | Enter the date the patient departed from the emergency department. | mm/dd/yyyy**Abstractor can enter 99/99/9999**

|  |
| --- |
| > =arrvdate and <= 3 days after arrvdate |

|  |
| --- |
| **Hard Edit**: Cannot = edcdt1 |

 | **ONLY ACCEPTABLE SOURCE: ED record*** If the date of departure from the ED is not documented, but the date of departure can be determined from other documentation, (e.g., you are able to identify from documentation the patient arrived and was transferred to medical unit on the same day), enter this date.
* A discharge date listed on a disposition sheet may be used.
* **Observation Services: For patients who are placed into observation services, enter the date of the physician/APN/PA order for observation services as ED Departure Date**.
* If there is documentation the patient left against medical advice and it cannot be determined what date the patient left against medical advice, enter 99/99/9999.
* If the date the patient departed from the ED is unable to be determined from medical record documentation, enter 99/99/9999.
* The medical record must be abstracted as documented (i.e., face value). When the date documented is obviously in error (e.g. 11/42/20xx) or outside the parameters of care (e.g., after discharge date) and no other documentation is found that provides this information, enter 99/99/9999.

**Includes, but is not limited to:** ED Departure Date, ED Discharge Date, ED Leave Date **Exclude:** Disposition Date |
| 11 | edctm1 | Computer will pre-fill the time the patient departed from the emergency department. | UMT**Computer will pre-fill** **Cannot modify**  | **Computer will pre-fill the time the patient departed from the Emergency Department (ED).** **This time will come from the patient list provided by the VA Program Office.**  |
| 12 | edctmval | Is the pre-filled ED departure time at (computer display edctm1), the time documented in the medical record that the patient departed the ED?1.Yes2. No | 1,2If 1, go to ctmriord as applicable | **ONLY ACCEPTABLE SOURCE: ED record*****ED Departure Time* is the documented time the patient physically left the Emergency Department.** **The intention is to capture the latest time at which the patient was receiving care in the ED, under the care of ED services, or awaiting transport to services/care.**If the time displayed in the question is the latest time that the patient was receiving care in the ED, select value “1” according to the following rules: **Acceptable documentation:*** If there is a discharge time listed on the disposition sheet, this may be used for ED Departure Time.
* If the patient expired in the ED, the time of death is acceptable as the *ED Departure Time.*
* **Observation Services:**
	+ **For patients who are placed into observation services, use the time of the physician/APN/PA order for observation services.**
	+ If the physician/APN/PA observation order time is after the documented ED departure time, use the documented ED departure time per the above guidelines.

**Unacceptable documentation:*** **Note signature time is NOT acceptable.**
* Do not use the time the discharge order was written because it may not represent the actual time of departure.
* If the time the patient departed from the ED is unable to be determined or does not match the time displayed in the question from the medical record documentation, select value “2”.

**Includes, but is not limited to:** ED Check Out Time, ED Departure Time, ED Discharge Time, ED Leave Time, ED Order for Observation Status, Transfer Time; Transport documented time **Excludes, but is not limited to:** Discharge Instructions Time, Disposition Time, Report Called Time |
| 13 | edctm2 | Enter the time the patient departed from the emergency department. | \_\_\_\_\_\_\_UMTAbstractor can enter 99:99

|  |
| --- |
| If edcdtval = 2 use edcdt2/edctm2; else use edcdt1/edctm2:>=arrvdate/arrvtime and < = 72 hours after arrvdate/arrvtime |

|  |
| --- |
| **Hard edit:** Cannot = edctm1  |

|  |
| --- |
| Warning if obsev = 1, or 99:99, or if edcdtval = 2 use edcdt2/edctm2; else use edcdt1/edctm2:– arrvdate/arrvtime <= 10 minutes or>= 240 minutes |

 | **ONLY ACCEPTABLE SOURCE: ED record*****ED Departure Time* is the documented time the patient physically left the Emergency Department. The intention is to capture the latest time at which the patient was receiving care in the ED, under the care of ED services, or awaiting transport to services/care.** * The actual departure time must be documented:  **Note that signature time is NOT acceptable.**
* If there is a discharge time listed on the disposition sheet, this may be used for ED Departure Time.
* When more than one acceptable *ED Departure Time* is documented, abstract the **latest** time.

Example: Two departure times are found in the ED nurse’s notes: 12:03 via wheelchair and 12:20 via wheelchair. Enter the later time of 12:20 as ED departure time. * If the patient expired in the ED, use the time of death as the *ED Departure Time.*
* Do not use the time the discharge order was written because it may not represent the actual time of departure.
* **Observation Services:**
	+ **For patients who are placed into observation services, use the time of the physician/APN/PA order for observation services.**
	+ If the physician/APN/PA observation order time is after the documented ED departure time, use the documented ED departure time per the above guidelines.
* **If the time the patient departed from the ED is unable to be determined from medical record documentation, enter 99:99.**
	+ The medical record must be abstracted as documented (i.e., at face value). When the time documented is obviously in error (e.g. 33:00), and no other documentation is found that provides this information, enter 99:99.

**Includes, but is not limited to:** ED Check Out Time, ED Departure Time, ED Discharge Time, ED Leave Time, ED Order for Observation Status, Transfer Time; Transport documented time **Excludes, but is not limited to:** Discharge Instructions Time, Disposition Time, Report Called Time |

|  |
| --- |
| **If princode is on OP Table 8.0 (Appendix A), go to ctmriord; else go to end.** |
|  |  | **Imaging for Stroke Patients** |  |  |
| 14 | ctmriord | Was a computerized tomography (CT) or Magnetic Resonance Imaging (MRI) scan of the head ordered by the physician/APN/PA during the emergency department visit?

|  |  |
| --- | --- |
| Brain or head computed or computerized tomography (CT) | Brain or head magnetic resonance imaging (MRI) |
| Brain or head computed tomography angiography (CTA) | Brain or head magnetic resonance angiogram (MRA) |
| Enhanced or unenhanced MR imaging |  |

1. Yes2. No | 1,2If 2, go to end | If there is documentation a Head CT or MRI Scan is ordered during the emergency department visit but is cancelled, and there are no other Head CT or MRI Scans ordered during the emergency department visit, abstract “No”. **For purposes of the Head CT or MRI Scan Order use these priority sources:** * Nurses notes
* Physician notes/orders
* Radiology notes
 |
| 15 | ctmridt | Enter the date the earliest Head CT or MRI Scan interpretation was completed/reported. | mm/dd/yyyyAbstractor can enter 99/99/9999

|  |
| --- |
| >=arrvdate and <=edcdt1, else if edcdtval = 2, >=arrvdate and <= edcdt2 |

 | * Enter the date associated with the documented interpretation time of the Head CT or MRI Scan.
	+ Examples of documentation that may include the date of the Head CT or MRI Scan are listed below:
		- CT head w/o contrast resulted (date)
		- Imaging final result CT Head w/o contrast (date)
		- Results were relayed to physician/discussed with physician (date)
		- Imaging result in the EHR: Electronically signed by: MD (date)
		- CT/MRI scan report date/time
* The date the earliest Head CT or MRI scan interpretation was completed/reported is the date the results are available to the physician/APN/PA.
* If multiple Head CT or MRI Scans are documented, abstract the date of the earliest interpretation.
* The medical record must be abstracted as documented (taken at “face value”). When the date documented is obviously in error (not a valid format/range or outside of the parameters of care) **and** no other documentation is found that provides this information, the abstractor should enter “99/99/9999.”
* If the date of interpretation of the Head CT or MRI scan is unable to be determined from medical record documentation, enter 99/99/9999.
 |
| 16 | ctmritm | Enter the time the earliest Head CT or MRI Scan interpretation was completed/reported. | \_\_\_\_\_UMTAbstractor can enter 99:99

|  |
| --- |
| >=arrvdate/arrvtime and <= (if edcdtval = 1, use edcdt1, else edcdt2/ if edctmval = 1 use edctm1, else edctm2)  |

 | * The time the earliest Head CT or MRI scan interpretation was completed/reported is the time the results are available to the physician/APN/PA.
* If multiple Head CT or MRI Scans are documented, abstract the time of the earliest interpretation.
* CT Angiography (CTA) and Magnetic Resonance Angiography (MRA) of the head or brain is acceptable for abstraction.

**Example:**CTA ordered per stroke protocol. Unenhanced CT image relayed to ED physician at 13:18; CTA final report at 15:00. Head CT or MRI Scan interpretation time is 13:18.* The medical record must be abstracted as documented (taken at “face value”). When the time documented is obviously in error (not a valid format/range or outside of the parameters of care) **and** no other documentation is found that provides this information, the abstractor should enter “99:99.”
* If the time of interpretation of the Head CT or MRI scan is unable to be determined from medical record documentation, enter 99:99.
* The dictation time or the time of a preliminary interpretation may be abstracted if it is known to be an accurate representation of when the earliest head CT or MRI scan interpretation time occurred.
* Head CT or MRI Scan Interpretation Time should not be abstracted as the time the results of the scan were relayed to the ED physician/APN/PA if an earlier interpretation time is documented.

**Examples:** * Radiology Head CT report at 1100. ED physician notes: “Received Head CT report at 1130.” Enter Head CT or MRI Scan Interpretation Time as 1100.
* Preliminary CT dictated by radiologist at 2205. ED physician documents “Findings discussed directly with radiologist at 2209.” Head CT or MRI Scan Interpretation Time is 2205.
* Nurse documents “CT scan completed at 1400; physician notified of results at 1445.” Head CT or MRI Scan Interpretation Time is 1445.
* If the Head CT or MRI Scan Interpretation is documented prior to arrival, enter 99:99.
* It is acceptable to use nurse documentation of a Head CT or MRI Scan interpreted by a physician. The interpretation must be performed by the physician/APN/PA, but it can be documented by a nurse.
 |
| 17 | lastwell | Is there documentation that the date and time of last known well was witnessed or reported?1. Yes2. No | 1,2**If 2, go to end** | **Last Known Well: The date and time prior to hospital arrival at which it was witnessed or reported that the patient was last known to be without the signs and symptoms of the current stroke or at his or her baseline state of health.*** Select “Yes,” if BOTH a *Date Last Known Well* and a *Time Last Known Well* are documented.
* For patients with a documented date and time of witnessed onset of stroke signs and symptoms, select “Yes”. Example: “Wife reported that while eating dinner with patient, right corner of mouth started to droop and speech slurred about 6:00 PM this evening.”
* Select “No” if there is any physician/APN/PA documentation that *Time Last Known Well* is unknown/uncertain.
* If one physician/APN/PA documents *Time Last Known Well* unknown and another documents a *Time Last Known Well*, select No. *Exception:* If the physician/APN/PA documents *Last Known Well* as unknown and the same physician/APN/PA crosses out unknown or mentions in a later note that *Last Known Well* is now known with a time documented, select Yes.
* Documentation must explicitly state that the *Time Last Known Well* is unknown/uncertain/unclear. Documentation that time of symptom onset is unknown/uncertain/unclear is also acceptable when *Time Last Known Well* is not documented. If *Last Known Well* is not explicitly documented as unknown, do not make inferences (e.g., do not assume that patient awoke with stroke so *Last Known Well* unknown unless explicitly documented).
* If one physician/APN/PA documents a *Time Last Known Well* and another documents time of symptom onset unknown, select Yes.
* If one physician/APN/PA documents a *Time Last Known Well* and nurse/EMS documents *Last Known Well* unknown, select Yes.
* If the physician/APN/PA documents time of symptom onset is unknown, and a *Time Last Known Well* is not documented, select No.
* If the Time Last Known Well is clearly greater than 2 hours prior to hospital arrival AND no specific time is documented, select “No.” Example: “Patient OK last night.” Select “No” because no other documentation of a specific time/time range/time reference was present in the medical record and the time is required for *Time Last Known Well*.

**Cont’d next page** |
|  |  |  |  | * If there is no documentation that *Last Known Well* or stroke signs/symptoms occurred prior to hospital arrival but there is documentation that *Last Known Well* first occurred after *Arrival Time* (e.g., in-house stroke), select No.

**Signs and Symptoms of Stroke:*** Sudden numbness or weakness of the face, arm or leg, especially on one side of the body
* Sudden confusion, trouble speaking or understanding
* Sudden trouble seeing in one or both eyes
* Sudden trouble walking, dizziness, loss of balance or coordination
* Sudden severe headache
* Syncope
* Seizure

**Suggested Data Sources:** Ambulance record, Code Stroke form, ED record, History and physical, nursing flow sheets, progress notes, transfer sheet |
| 18 | lastwelldt | Enter the date the patient was last known to be well or at his or her baseline state of health. | mm/dd/yyyyAbstractor can enter 99/99/9999

|  |
| --- |
| <= 3 days prior to or = arrvdate  |

|  |
| --- |
| Warning if 99/99/9999 and lastwell = 1 |

 | ***Date Last Known Well* is the date prior to hospital arrival at which the patient was last known to be well without the signs and symptoms of the current stroke or at his or her baseline of health.*** If the date last known well is documented as a specific date and entered as *Date Last Known Well* on a “Code Stroke” form or stroke-specific electronic template, enter that date as the *Date Last Known Well.* Documentation of *Date Last Known Well* on a stroke-specific form or template should be selected regardless of other dates last known well documented elsewhere in the medical record.

 Exceptions:* **Any** physician/APN/PA documentation that last known well/onset of signs/symptoms is unknown/uncertain/unclear takes precedence over specific time on a Code Stroke Form.
* If both the *Date Last Known Well* and symptom onset are documented, select the *Date Last Known Well*.

 **Example:*** + ED provider note states, “Patient watching TV with family and complained of blurred vision in both eyes this morning.” Neuro provider note states, “Patient normal 12-10-20xx at 8:30 pm.” *Date Last Known Well* is 12-10-20xx.
* References in relation to *Arrival Date* are acceptable (e.g., today, tonight, this evening, and this morning). The *Date Last Known Well* and the *Arrival Date* may be the same date or a different date. Examples:
	+ “Wife reports patient normal this evening until approximately 9 PM.” Hospital arrival is 0030 on 12-10-20xx. *Date Last Known Well* is 12-09-20xx.
	+ “Patient states he felt perfectly fine earlier today. At noon, he began to have trouble seeing.” Hospital arrival is 3:59 PM on 12-10-20xx.” *Date Last Known Well* is 12-10-20xx.
* If a reference to date last known well is documented without a specific date, enter that date for *Date Last Known Well.* If multiple dates are documented, select the earliest date.

Examples: * + “Patient last known well today (day of arrival).” Select Arrival Date for *Date Last Known Well.*
	+ “Patient normal yesterday” (day before arrival) documented in ED note and consult note documents that patient was last known to be well on Monday (two days prior to arrival). Select Monday’s date for *Date Last Known Well.*

**Cont’d next page** |
|  |  |  |  | **Date Last Known Well cont’d*** A Code Stroke Form is used by the stroke team or ED staff to document the acute stroke process. See the inclusion list for acceptable terms used for a Code Stroke Form. The list is not all-inclusive.
* *Date Last Known Well* on a Code Stroke Form may be documented by a nurse or other member of the care team authorized to serve as a scribe.
* The medical record must be abstracted as documented (taken at “face value”). When the date documented is obviously in error (not a valid date/format) and no other documentation is found that provides this information, enter 99/99/9999. Example: Documentation indicates the date last known well was 03-42-20xx. No other medical record documentation provides a valid date. Enter 99/99/9999.

**Suggested Data Sources:** Ambulance record, Code Stroke form, ED record, History and Physical, IV flow sheets, Medication Administration record, nursing flow sheets, progress notes, transfer sheet**Inclusion Guidelines for Abstraction** **Code Stroke Form** * Stroke Activation Form
* Stroke Alert Form
* Stroke Assessment Form
* Stroke Intervention Form
* Stroke Rapid Response Form
* Thrombolysis Checklist
* tPA Eligibility Form

**Exclusion Guidelines for Abstraction** **Code Stroke Form** * Stroke Education Form
* Core Measure Form
 |
| 19 | lastwelltm | Enter the time the patient was last known to be well or at his or her prior baseline state of health. | \_\_\_\_\_UMTAbstractor can enter 99:99

|  |
| --- |
| <= 3 days prior to arrvdate/arrvtime and < arrvdate/arrvtime  |

|  |
| --- |
| Warning if 99:99 and lastwell = 1 |

 | ***Time Last Known Well* is the time prior to hospital arrival at which the patient was last known to be well without the signs and symptoms of the current stroke or at his or her baseline of health.*** If the time last known well is documented as a specific time and entered as *Time Last Known Well* on a “Code Stroke” form or stroke-specific electronic template, enter that time as the *Time Last Known Well.* Documentation of *Time Last Known Well* on a stroke-specific form or template should be selected regardless of other times last known well documented elsewhere in the medical record.

*Exceptions:* * **Any** physician/APN/PA documentation that *last known well*/onset of signs/symptoms is unknown/uncertain/unclear takes precedence over specific time on a Code Stroke Form.
* Crossing out of a specific time on a Code Stroke Form and a specific time documented on the same or different Code Stroke Form, use the specific time that is not crossed out.
* A specific time on a Code Stroke Form and another time reference documented, e.g., 8 hours, on the same or different Code Stroke Forms, use the specific time.
* Multiple specific times on the same or different Code Stroke Forms, use abstraction guidelines for multiple times *Last Known Well*.
* If unable to determine if a form is a Code Stroke Form, continue to review the medical record for *Time Last Known Well* documentation in other sources.
* If the time last known well is documented as being a specific number of hours prior to arrival (e.g., felt left side go numb 2 hours ago) rather than a specific time, subtract that number from the time of ED arrival and enter that time as the *Time Last Known Well*.
* If the time last known well is noted to be a range of time prior to ED arrival (e.g., felt left side go numb 2-3 hours ago), assume the maximum time from the range (e.g., 3 hours), and subtract that number of hours from the time of arrival to compute the *Time Last Known Well*.

**Cont’d next page** |
|  |  |  |  | **Time last known well cont’d*** If both the *Time Last Known Well* and symptom onset are documented, select the *Time Last Known Well.* Examples:
* H&P states, “Patient watching TV with family and complained of blurred vision in both eyes at 8:30 PM.” ED MD notes, “Patient normal at 8:30 PM.” Time Last Known Well is 2030.
* “Patient was doing well at 4:30 PM – noticed difficulty speaking around 6 pm.” *Time Last Known Well* is 1630
* “Patient normal at 2200 before going to bed. Awoke at 0200 with headache and took two aspirin before returning to sleep. OK at 0700 and went to work. Felt confused, unable to speak without slurring at 0800.” *Time Last Known Well* is 0700.
* If the only time documented is time of symptom onset without mention of when the patient was last known well, use the time of symptom onset for *Time Last Known Well.*

**Example:** * Sudden onset headache one hour before ED arrival,” documented by ED physician. Arrival time 19:24. No other documentation referencing time last known well available in the medical record. *Time Last Known Well* 18:24.
* If there are multiple times of last known well documented in the absence of the *Time Last Known Well* explicitly documented on a “Code Stroke” form, use physician/APN/PA documentation first before other sources, e.g., nursing, EMS.
* If multiple times of last known well are documented by different physicians/APNs/PAs, use the earliest time documented.
* If there is documentation of one or more episodes of stroke symptoms AND documentation of symptom resolution between episodes, use the time of the most recent (last) episode prior to arrival, regardless is all symptoms resolved prior to arrival. Example: “Wife noticed slurred speech at 8:30 last night. Without symptoms early this morning. Wife noticed slurred speech again at 09:00 during breakfast.” *Time Last Known Well* is 09:00.”

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|  |  |  |  | * A Code Stroke Form is used by the stroke team or ED staff to document the acute stroke process. See the inclusion list for acceptable terms used for a Code Stroke Form. The list is not all-inclusive.
* *Time Last Known Well* on a Code Stroke Form may be documented by a nurse or other member of the care team authorized to serve as a scribe.
* If the time is noted to be “less than” a period of time prior to ED arrival, assume the maximum range. Example: *Time Last Known Well* less than one hour ago. Subtract one hour from the time of arrival to compute *Time Last Known Well*.
* The medical record must be abstracted as documented (taken at “face value”). When the time documented is obviously in error (not a valid time) and no other documentation is found that provides this information, enter 99:99. Example: Documentation indicates the time last known well was 33:00. No other medical record documentation provides a valid date. Enter 99:99.

**Suggested Data Sources:** Ambulance record, Code Stroke form, ED record, History and physical, Nursing flow sheet, progress notes, transfer sheet**Inclusion Guidelines for Abstraction:** **Code Stroke Form** * Stroke Activation Form
* Stroke Alert Form
* Stroke Assessment Form
* Stroke Intervention Form
* Stroke Rapid Response Form
* Thrombolysis Checklist
* tPA Eligibility Form

**Exclusion Guidelines for Abstraction:****Code Stroke Form** * Stroke Education Form
* Core Measure Form
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