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|  |  | **Organizational Identifiers** |  |  |
|  | VAMC  CONTROL  QIC  BEGDTE  REVDTE | Facility ID Control Number  Abstractor ID  Abstraction Begin Date  Abstraction End Date | Auto-fill  Auto-fill  Auto-fill  Auto-fill  Auto-fill |  |
|  |  | Patient Identifiers |  |  |
|  | SSN  PTNAMEF  PTNAMEL  BIRTHDT  SEX  MARISTAT  RACE | Patient SSN First Name  Last Name  Birth Date  Sex  Marital Status  Race | Auto-fill: no change  Auto-fill: no change  Auto-fill: no change  Auto-fill: no change  Auto-fill: **can change**  Auto-fill: no change  Auto-fill: no change |  |
|  |  | **Administrative Data** |  |  |
| 1 | cardrest  IHI40n, | At initial presentation to the hospital was the first cardiac symptom for this patient a cardiac arrest?  1. Yes  2. No | 1,2  **If 2, auto-fill survive as 95** | **The question refers to the patient who had no previous cardiac symptoms. The initial symptom is a cardiac arrest. (Example: patient who arrives in the ED with a cardiac arrest) The question does not apply to patients presenting with or receiving any care for cardiac symptoms.** |
| 2 | survive | Did the patient survive the resuscitation attempt?  1. Yes  2. No   1. Not applicable | 1,2\*, 95  If cardrest = 2, will be auto-filled as 95    \*If 2, exclude the record. | Applicable only to cases in which the patient could not be resuscitated and expired during resuscitation efforts or the effort was abandoned. If no resuscitation was attempted, answer “2.”  **Exclusion Statement**  **Cardiac arrest occurring in this case precluded abstraction of the data elements required for the AMI National Hospital Quality Measures.** |
| 3 | ritecode  COD2,  COD7n,  COD8n, | Do the diagnostic codes for this episode of care include one of the following AMI ICD-9-CM codes, 410.0 - 410.9, with a fifth digit of 1 or 0?  **410** acute myocardial infarction (sudden, severe death of heart muscle due to decreased coronary blood flow; classification is based on the location of the affected tissue, when known) **ST elevation (STEMI) and non-ST elevation**  **(NSTEMI) myocardial infarction**  **410.01 or 410.00** of anterolateral wall  **ST elevation myocardial infarction (STEMI) of anterolateral wall**  **410.11** **or 410.10** of other anterior wall  **ST elevation myocardial infarction (STEMI) of other anterior wall**  **410.21** **or 410.20** of inferolateral wall  **ST elevation myocardial infarction (STEMI) of inferolateral wall**  **410.31** **or 410.30** of inferoposterior wall  **ST elevation myocardial infarction (STEMI) of inferoposterior wall**  **410.41 or 410.40** of other inferior wall  **ST elevation myocardial infarction (STEMI) of other inferior wall**  **410.51or 410.50** of other lateral wall  **ST elevation myocardial infarction (STEMI) of other lateral wall**  **410.61 or 410.60** true posterior wall infarction  **ST elevation myocardial infarction (STEMI) of true posterior wall**  **410.71 or 410.70** subendocardial infarction  **Non-ST elevation myocardial infarction**  **(NSTEMI)**  **410.81or 410.80** of other specified sites  **ST elevation myocardial infarction (STEMI) of other specified sites**  **410.91 or 410.90** unspecified site  **Myocardial infarction NOS** | 1,2  **If 2, auto-fill amiprin as 95** | The fifth digit of 1 = initial episode of care for an AMI. Used to designate the first episode of care (regardless of facility site) for a newly diagnosed myocardial infarction. The fifth digit 1 is assigned regardless of the number of times a patient may be transferred during the initial episode of care.  The fifth digit of 0 = episode of care unspecified  The fifth digit of 2 = subsequent episode of care. Used to designate an episode of care following the initial episode when the patient is admitted for further observation, evaluation, or treatment for a myocardial infarction that has received initial treatment but is still less than 8 weeks old.  **Note: if the AMI code is 410.x2, answer “2.” Cases coded with a fifth digit of 2 are not to be reviewed.** |
| 4 | amiprin | Was AMI the principal diagnosis for this episode of care?   1. Yes 2. No 3. Not applicable   The principal diagnosis is defined in the Uniform Hospital Discharge Data Set (UHDDS) as “that condition established after study to be chiefly responsible for occasioning the admission of the patient to the hospital for care.” | 1,2,95 | **The question refers to the principal diagnosis at the facility in which the case is being reviewed. (Example: patient is admitted to first VAMC for surgery, has an AMI after surgery, and is transferred to VAMC #2 for AMI care. AMI is not the principal diagnosis at the first VAMC, but is the principal diagnosis at VAMC #2.)**  **The abstractor should be guided by the principal diagnosis assigned by the VAMC and submitted to the Austin PTF.**  **Catnum 10 AMI records are selected from cases discharged with a diagnosis code of 410.0 – 410.9, with a fifth digit of 1, designated as the principal diagnosis.**  **Catnum 42 records are selected from the same codes, but may be designated as principal or primary diagnosis. In these cases, AMI should be regarded as the principal diagnosis unless the AMI occurred when the veteran was admitted to the hospital for another reason or was already an inpatient when the AMI occurred.**  **Answer “1” to “amiprin” if AMI was correctly assigned as principal or primary diagnosis by the VAMC and enter the code assigned by the VAMC in the question “aprocode.”**  **Answer “no” to “amiprin” if AMI was or should have been a secondary diagnosis (example: the veteran was admitted for a strangulated hernia and the AMI occurred following surgery; however, AMI was submitted as the principal diagnosis.) The abstractor must use another code entered by the VAMC as the principal diagnosis and may not assign codes not used by the facility.**  **It is strongly suggested that abstractor use one of the following sources from CPRS to find the facility-assigned codes: under the Reports tab, go to EADT (expanded admission/ discharge transfer) or under the Ad Hoc Menu, look in MAS Discharges.** |
| 5 | truami  COD2,  COD7n,  COD8n,  IHI21,  IHI29n,  IHI40n,  IHI45,  IHI7h, | Is there evidence in the medical record that the patient had an acute myocardial infarction?  1. Yes  2. No | 1,2 | **Evidence in the medical record the patient had an AMI**:  1)  Review the discharge summary first to determine if there was a diagnosis of AMI (may also be called Non-STEMI, NSTEMI, STEMI, or Acute Coronary Syndrome.)  2) If the discharge summary is **NOT** present, other physician documentation must record a diagnosis of myocardial infarction (or Non-STEMI, NSTEMI, STEMI, or ACS.)  **EXCEPTION:**  **3) In cases of conflicting documentation when the discharge summary documents AMI as a final diagnosis and the record is coded as an AMI, but a cardiologist documented that an AMI did not occur, accept the discharge summary diagnosis as valid and enter “1.”** Most likely to occur if the diagnosis is NSTEMI.  Any order in which AMI is noted in the listing of discharge diagnoses is acceptable.  If the AMI diagnosis documented at the time of discharge is qualified as "probable," "suspected," "likely," "questionable," "possible," “still to be ruled out,” or other similar terms indicating uncertainty, coding conventions dictate that this terminology be coded as an AMI and is an acceptable diagnosis of AMI (code the AMI as if it existed or was established).  **Note: if the AMI code is 410.x2, answer “2.” Cases coded with a fifth digit of 2 are not to be reviewed.** |

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| 6 | **aprocode** | Enter the ICD-9-CM principal diagnosis code.   |  | | --- | | **Only enter the principal diagnosis code as documented in the record.** | | \_ \_ \_. \_ \_   |  | | --- | | **Hard Edit: If amiprin = 1, aprocode must be 410.x1 or 410.x0 code** | | **Cannot enter 000.00, 123.45, or 999.99** |   **If aprocode is not on Table 1.1 AND truami = 2, the case is excluded.** | **Will auto-fill from the PTF with ability to change. The abstractor may change the code if it is incorrect and enter the principal diagnosis code as documented in the medical record. Do not attempt to code the AMI by any code other than that assigned by the facility**.  If AMI was incorrectly submitted as the principal diagnosis, and AMI is actually the secondary diagnosis, the abstractor may change the principal diagnosis code by entering the correct principal diagnosis from one of the codes submitted by the facility. Do not attempt to code a diagnosis that was not coded by the VAMC.  If AMI was submitted as a secondary diagnosis when it is actually the principal diagnosis, the abstractor may enter the AMI code as the principal diagnosis.  **Exclusion Statement**  **Although coding indicated the patient had a diagnosis of Acute Coronary Syndrome, documentation in the medical record does not support an AMI diagnosis.** |
| 7 | **othrdx1**  **othrdx2**  **othrdx3**  **othrdx4**  **othrdx5**  **othrdx6**  **othrdx7**  **othrdx8**  **othrdx9**  **othrdx10**  **othrdx11**  **othrdx12**  **othrdx13**  **othrdx14**  **othrdx15**  **othrdx16**  **othrdx17**  **othrdx18**  **othrdx19**  **othrdx20**  **othrdx21**  **othrdx22**  **othrdx23**  **othrdx24** | Enter the ICD-9-CM other diagnosis codes selected for this medical record. | \_ \_ \_. \_ \_  Auto-filled with ability to change   |  | | --- | | Auto-fill pasthx4, as applicable, from othrdx codes entered |   Can enter up to 24 codes  Abstractor can enter xxx.xx in code field if no other diagnosis codes found | **Will be auto-filled from PTF with up to 24 ICD-9-CM other diagnosis codes with ability to change. If the “other diagnosis” codes are incorrect, enter the codes as documented in the medical record.**  If entered manually, use the codes listed in discharge diagnosis (DD) under the reports tab.  **If AMI was a secondary diagnosis, enter the AMI code in “othrdx.”**  **Includes V codes: V64.1, V64.2, and V64.3. The presence of one of these V codes indicates a surgical or other procedure was not carried out because of a contraindication, patient’s decision, or other reason.**  **If no other diagnosis codes are found in the record, enter xxx.xx.** |
| 8 | **acutedt**  IHI1,  IHI11,  IHI12,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI49j,  IHI61, | Enter the **earliest** documented date the patient arrived at this or another VAMC. | mm/dd/yyyy  Abstractor may enter 99/99/9999 if arrival date is unable to be determined   |  | | --- | | < = 6 mos prior to or = admdt and < = dcdate |  |  | | --- | | Warning if > 3 days prior to admdt | | **Arrival date is the earliest recorded date on which the patient arrived in the hospital’s acute care setting where care for ACS could be most appropriately provided. Arrival date may differ from admission date.**  **ONLY ACCEPTABLE SOURCES:** Emergency Department record (includes ED Face Sheet, Consent/Authorization for treatment forms, Registration/sign-in forms, vital sign record, triage record, physician orders, ECG reports, telemetry/rhythm strips, laboratory reports, x-ray reports); Nursing admission assessment/admitting note; Observation record; Procedure notes (such as cardiac cath, endoscopies, surgical procedures); Vital signs graphic record   * **Review the ONLY ACCEPTABLE SOURCES to determine the earliest date the patient arrived at the ED, nursing floor, observation, or as a direct admit to the cath lab. The intent is to utilize any documentation which reflects processes that occurred after arrival at the ED or after arrival to the nursing floor/observation/cath lab for a direct admit.** * 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 date at the first facility. * Arrival date should NOT be abstracted simply as the earliest date in one of the ONLY ACCEPTABLE SOURCES, without regard to other substantiating documentation. When looking at the ONLY ACCEPTABLE SOURCES, if the earliest date documented appears to be an obvious error, this date should not be abstracted.   EXAMPLE: ED MAR has a med documented as 1430 on **11**-03-20xx. All other dates in ED record are **12**-03-20xx. The 11-03-20xx would not be used because it appears to be an obvious error.   * For Observation Status:   + If the patient was admitted to observation from the ED of the hospital, use the date the patient arrived at the ED.   + If the patient was admitted to observation from an outpatient setting of the hospital, use the date the patient arrived at the ED or on the floor for observation care.   **Cont’d next page** |
|  |  |  |  | **Acute Care Arrival Date cont’d**   * 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 subsequently admitted to acute inpatient, use the date the patient presents to the ED or arrives on the floor for acute inpatient care as the arrival date. * For Direct Admits:   + If the patient is a “Direct Admit” to the cath lab, use the earliest date the patient arrived at the cath lab (or cath lab staging/holding area) as the arrival date.   + For “Direct Admits” to acute inpatient or observation, use the earliest date the patient arrived at the nursing floor or in observation (as documented in the ONLY ACCEPTABLE SOURCES) as the arrival date.   **If unable to determine the date of arrival, enter default 99/99/9999. If the arrival date documented in the record is obviously in error (e.g. 02-42-20xx) and no other documentation is found that provides this information, enter 99/99/9999.** |
| 9 | **acutetm**  IHI11,  IHI12,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI49j,  IHI61, | Enter the **earliest** documented time the patient arrived at this or another VAMC. | \_\_\_\_ UMT  Abstractor may enter 99:99 if arrival time is unable to be determined   |  | | --- | | < = 6 mos prior to or = admdt/admtime and < dcdate/dctime |  |  | | --- | | Warning if acutetm > 72 hrs prior to admdt/admtime | | **Arrival time is the earliest recorded time the patient arrived in the hospital’s acute care setting where care for ACS could be most appropriately provided. Arrival time may differ from admission time.**  **ONLY ACCEPTABLE SOURCES:** Emergency Department record (includes ED Face Sheet, Consent/Authorization for treatment forms, Registration/sign-in forms, vital sign record, triage record, physician orders, ECG reports, telemetry/rhythm strips, laboratory reports, x-ray reports); Nursing admission assessment/admitting note; Observation record; Procedure notes (such as cardiac cath, endoscopies, surgical procedures); Vital signs graphic record   * **Review the ONLY ACCEPTABLE SOURCES to determine the earliest time the patient arrived at the ED, nursing floor, observation, or as a direct admit to the cath lab. The intent is to utilize any documentation which reflects processes that occurred after arrival at the ED or after arrival to the nursing floor/observation/cath lab for a direct admit.** * 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. * 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.   * For Observation Status:   + If the patient was admitted to observation from the ED of the hospital, use the time the patient arrived at the ED.   + If the patient was admitted to observation from an outpatient setting of the hospital, use the time the patient arrived at the ED or on the floor for observation care.   **Acute Care Arrival Time cont’d next page** |
|  |  |  |  | **Acute Care Arrival Time cont’d**   * 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 subsequently admitted to acute inpatient, use the time the patient presents to the ED or arrives on the floor for acute inpatient care as the arrival time.   + If the time the patient arrived on the floor is not documented by the nurse, enter the admission time recorded in EADT. * For Direct Admits:   + If the patient is a “Direct Admit” to the cath lab, use the earliest time the patient arrived at the cath lab (or cath lab staging/holding area) as the arrival time.   + For “Direct Admits” to acute inpatient or observation, use the earliest time the patient arrived at the nursing floor or in observation (as documented in the ONLY ACCEPTABLE SOURCES) as the arrival time.   **If unable to determine the time of arrival, enter default time 99:99**. If the arrival time documented in the record is obviously in error (e.g. 33:00) and no other documentation is found that provides this information, enter 99:99. |
| 10 | **admdt**  COD2,  COD7n,  COD8n,  IHI1,  IHI6,  IHI7,  IHI7h,  IHI9,  IHI11,  IHI12,  IHI21,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI47,  IHI49j,  IHI61, | Enter the date the patient was formally admitted to inpatient status at this VAMC. | mm/dd/yyyy  Computer will auto-fill   |  | | --- | | > = acutedt and < = dcdate |  |  | | --- | | Warning window if admdt > 6 mos prior to dcdate | | **Auto-filled; can be modified if abstractor determines that the date is incorrect.**   * Admission date is the date the patient was actually admitted to acute inpatient care. * For patients who are admitted to Observation status and subsequently admitted to acute inpatient care, abstract the date that the determination was made to admit to acute inpatient care and the order was written. Do not abstract the date that the patient was admitted to Observation. * If there are multiple inpatient orders, use the order that most accurately reflects the date that the patient was admitted. * The admission date should not be abstracted from the earliest admission order without regards to substantiating documentation. If documentation suggests that the earliest admission order does not reflect the date the patient was admitted to inpatient care, this date should not be used.   **Exclusion:** Admit to observation; Arrival date  **ONLY ALLOWABLE SOURCES:** Physician orders (priority data source), Face Sheet |
| 11 | admtime | Enter the time the patient was formally admitted to inpatient status at this VAMC. | \_\_\_\_\_ UMT  Computer will auto-fill   |  | | --- | | > = acutetm and < = dcdate | | **Auto-filled; can be modified**  Abstractor to verify admission time is correct.  Admission time = time when the patient was formally admitted to inpatient status.  Exclusion: Admit to observation time, Arrival time  If correction is necessary, enter time in Universal Military Time |
| 12 | **dcdate**  COD2,  COD7n,  COD8n,  IHI1,  IHI6,  IHI7,  IHI7h,  IHI9,  IHI11,  IHI12,  IHI21,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI47,  IHI49j,  IHI61, | Enter the date of discharge. | mm/dd/yyyy  **Auto-filled: cannot be modified**  > = admdt | **Auto-filled. Cannot be modified**  The computer auto-fills the discharge date from the OABI pull list. This date cannot be modified in order to ensure the selected episode of care is reviewed. |
| 13 | dctime  IHI45, | Enter the time of discharge. | \_\_\_\_\_ UMT  **Auto-filled: can be modified.**   |  | | --- | | > admdt/admtime | | **Auto-filled: can be modified.**  Abstractor to verify discharge time is correct.  **Includes the time the patient was discharged from acute care, left against medical advice (AMA), or expired during this stay.**  If the patient expired, use the time of death as the discharge time.  **Suggested sources for patient who expire:**  Death record, resuscitation record, physician progress notes, physician orders, nurses notes  **For other patients:**  If the time of discharge is NOT documented in the nurses notes, discharge/transfer form, or progress notes, enter the discharge time documented in EADT under the “Reports Tab.”  Enter time in Universal Military Time: a 24-hour period from midnight to midnight using a 4-digit number of which the first two digits indicate the hour and the last two digits indicate the minute.  Converting time to military time:  If time is in the a.m., no conversion is required.  If time is the p.m., add 12 to the clock hour time. |

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| 14 | **dcdispo**  IHI1,  IHI6,  IHI7,  IHI7h,  IHI9,  IHI21,  IHI47, | What was the patient’s discharge disposition on the day of discharge?  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   4. Acute Care Facility   * Acute Short Term General and Critical Access Hospitals * Cancer and Children’s Hospitals * Department of Defense and 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. Expired  7. Left Against Medical Advice/AMA  99. Not documented or unable to determine | 1,2,3,4,5,6,7,99 | **Discharge disposition: The final place or setting to which the patient was discharged on the day of discharge.**   * **Only use documentation written on the day prior to discharge or the day of discharge when abstracting this data element.** For example: Discharge planning notes on 04-01-20xx document the patient will be discharged back home. On 04-06-20xx, the nursing discharge notes on the day of discharge indicate the patient was being transferred to skilled care. Enter “5”. * **Discharge disposition documentation in the discharge summary, post-discharge addendum, or a late entry, may be considered if written within 30 days after discharge date and prior to pull list date.** * **If there is documentation that further clarifies the level of care, that documentation should be used to determine the correct value to abstract.** If documentation is contradictory, use the latest documentation. For example: Discharge planner note from day before discharge states “XYZ” Nursing Home”. Nursing discharge note on day of discharge states “Discharged: Home.” Select “1” * If documentation is contradictory, and you are unable to determine the latest documentation, select the disposition ranked highest (top to bottom) in the following list.   o Acute Care Facility  o Hospice – Health Care Facility  o Hospice – Home  o Other Health Care Facility  o Home   * Values “2” and “3” hospice includes discharges with hospice referrals and evaluations * If the medical record states only that the patient is being discharged to another hospital and does not reflect the level of care that the patient will be receiving, select “4”.   (cont’d next page) |
|  |  |  |  | * 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 or level of care, select “5”. * If the medical record states only that the patient is being discharged and does not address the place or setting to which the patient was discharged, select “1”. * **Selection of option “7” (left AMA)**    + **Explicit “left against medical advice” documentation is not required.** (e.g., “Patient is refusing to stay for continued care”- select “7”). For the purposes of this data element, a signed AMA form is not required.   + If any source states the patient left against medical advice, select value “7”, regardless of whether the AMA documentation was written last.   + Documentation suggesting that the patient left before discharge instructions could be given without “left AMA” documentation does not count.   **Excluded Data Sources:** Any documentation prior to the last two days of hospitalization; coding documents.  **Suggested Data Sources:** Discharge instruction sheet, discharge planning notes, discharge summary, nursing discharge notes, physician orders, progress notes, social service notes, transfer record |

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| 15  16 | **pxcode**  **prinpxdt** | Enter the ICD-9-CM principal procedure code and date the procedure was performed.  Code Date   |  |  | | --- | --- | | \_\_ \_\_. \_\_ \_\_ | \_\_/\_\_/\_\_\_\_ |  |  | | --- | | **Determine whether the patient had a PCI before attempting to enter any procedure code.** |  |  | | --- | | **Only enter the principal procedure code as documented in the record.** | | \_\_ \_\_. \_\_ \_\_  **If there is no principal procedure, the abstractor can enter xx.xx in code field and 99/99/9999 in the date field**   |  | | --- | | **Cannot enter 00.00** |   mm/dd/yyyy  **Abstractor can enter 99/99/9999**  **If there is no principal procedure, auto-fill othrpx and othrpxdt with xx.xx and 99/99/9999**   |  | | --- | | > = acutedt and < = dcdate | | **Principal procedure= that procedure performed for definitive treatment, rather than for diagnostic or exploratory reasons, or was necessary to treat a complication.** **The principal procedure is related to the principal diagnosis and needs to be accurately identified.**   * VA records do not identify the principal procedure; use the above definition of principal procedure to determine the correct code to enter if there are multiple procedures during the episode of care. Ask for assistance from your RM or WVMI if you are uncertain.   **Codes 36.06 and 36.07 contain instructions that PCI code 00.66 should also be used. If a PCI was performed, but the 00.66 PCI code is not documented in the medical record, enter xx.xx in the code field.**  Codes for stent placement (36.06) or drug-eluting stent (36.07) may be entered in either enter PXCODE or OTHRPXS if the procedure is applicable  **If no procedure was performed during the episode of care, fill ICD-9-CM code field with default code xx.xx. Do not enter 99.99 or 00.00 to indicate no procedure was performed.**  **Date of the principal procedure is to be filled with 99/99/9999 if no procedure was performed.**  If the principal procedure date is unable to be determined from the medical record documentation, or if the procedure date documented in the record is obviously in error (e.g. 02-42-20xx) and no other documentation is found that provides this information, enter 99/99/9999. |
| 17  18 | **othrpxs1**  **othrpxs2**  **othrpxs3**  **othrpxs4**  **othrpxs5**  **othrdts1 othrdts2 othrdts3 othrdts4 othrdts5** | Enter the ICD-9-CM other procedure codes and dates the procedures were performed  Code Date   |  |  | | --- | --- | | \_\_ \_\_. \_\_ \_\_ | \_\_/\_\_/\_\_\_\_ | | \_\_ \_\_. \_\_ \_\_ | \_\_/\_\_/\_\_\_\_ | | \_\_ \_\_. \_\_ \_\_ **If no other procedure was performed, the abstractor can enter xx.xx in code field**  mm/dd/yyyy  **Abstractor can enter 99/99/9999**   |  | | --- | | > = acutedt and < = dcdate |   **Can enter 5 codes and dates** | **Can enter 5 procedure codes, other than the principal procedure code.** Enter the ICD-9-CM codes and dates corresponding to each of the procedures performed, beginning with the procedure performed most immediately following the admission.  **Other procedures**=may be PCI, if not designated as the principal procedure, cardiac cath, CABG, or other unrelated procedure.  Procedure must be performed at this VAMC or at an affiliated hospital and the patient returned to this facility within 12 hours  **If no other procedures were performed, enter default code xx.xx in the code field and default date 99/99/9999 in the date field.**  **If no other procedure was performed, it is only necessary to complete the xx.xx and 99/99/9999 default entries for the first code and date. It is not necessary to complete the default entry five times.**  If the date of a procedure is unable to be determined from the medical record documentation, or if the procedure date documented in the record is obviously in error (e.g. 02-42-20xx) and no other documentation is found that provides this information, enter 99/99/9999. |

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| 19 | **transin3**  IHI11,  IHI12,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI49j,  IHI61, | Was the patient received as a transfer from an inpatient, outpatient or emergency/observation department of an outside hospital or from an ambulatory surgery center?  1. Yes  2. No | 1,2   |  | | --- | | If 2, auto-fill tranvaed as 95 and go to comm1tx | | If a patient is transferred in from any emergency department (ED) or observation unit OUTSIDE of your hospital, select “1”. This applies even if the emergency department or observation unit is part of your hospital’s system (e.g., your hospital’s free-standing or satellite emergency department), has a shared medical record or provider number, or is in close proximity.  If the patient is transferred to your hospital from an outside hospital where he was an inpatient or outpatient, select “1”. This applies even if the two hospitals are close in proximity, part of the same hospital system, have the same provider number, and/or there is one medical record.  **Select “Yes” in the following types of transfers:**   * **Long term acute care (LTAC):** Any LTAC hospital or unit (outside or inside your hospital) * **Acute rehabilitation**: Rehab unit in outside hospital, free-standing rehab hospital/facility/pavilion outside your hospital, OR rehab **hospital** inside your hospital * **Psychiatric:** Psych unit in outside hospital, free-standing psych hospital/facility/pavilion outside your hospital, OR psych **hospital** inside your hospital * **Cath lab, same day surgery, or other outpatient department of an outside hospital** * **Disaster Medical Assistance Team (DMAT):** Provides emergency medical assistance following catastrophic disaster or other major emergency   **Select “No” in the following types of transfers:**   * Urgent care center * Psych or rehab unit inside your hospital * Dialysis center (unless documented as an outpatient department of an outside hospital) * Same Day Surgery or other outpatient department inside your hospital * Clinic (outside or inside your hospital) * Hospice facility (outside or inside your hospital) * Skilled nursing facility (SNF) care: Any facility or unit (outside or inside your hospital) providing SNF level of care to patient   **Cont’d next page** |

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|  |  |  |  | | **Transfer in cont’d**  If there is conflicting documentation in the record, and you are unable to determine whether or not the patient was received as a transfer from an inpatient, outpatient, or emergency/observation department of an outside hospital or from an ambulatory surgery center, select “No” UNLESS there is supporting documentation for one setting over the other. Examples:  One source reports patient was transferred from an outside hospital’s ED, another source reports patient was transferred in from an urgent care center. No additional documentation. Select “No”.  One source states patient came from physician office, another source reports patient was transferred from an outside hospital’s ED, and transfer records from the outside hospital’s ED are included in the record. Select “Yes”.  If, in cases other than conflicting documentation, you are unable to determine whether or not the patient was received as a transfer from an inpatient, outpatient, or emergency/observation department of an outside hospital or from an ambulatory surgery center, select “No”. (E.g., “Transferred from Park Meadows” documented – Documentation is not clear whether Park Meadows is a hospital or not.)  Suggested data sources: Ambulance record, emergency department record, history and physical, nursing admission assessment, progress notes, transfer sheet |
| 20 | tranvaed  IHI29n,  IHI40n,  IHI45, | Was the patient received from the emergency department of another VAMC?  1. Yes  2. No  95. Not applicable | 1,2,95  Will be auto-filled as 95 if transin3 = 2 | | **Note: the emergency department of another VAMC includes both emergency room AND observation bed/unit stays at that hospital**. |
| 21 | comm1tx | Did the patient present initially to a community hospital where he/she received all or part of the first 24 hours of care for ACS?  1. Yes  2. No | 1,2  **If 1, auto-fill inptacs as 95**   |  | | --- | | **If 1, transin3 must = 1** | | | To answer “1,” the patient must have been treated at the community hospital for ACS symptoms. If the patient was transferred to a VAMC from a community hospital but was treated initially for another medical problem not related to ACS, answer “2.”  **If the patient was transferred from the community hospital to a VAMC, then subsequently transferred to another VAMC, and the case is being reviewed at the second VAMC, the initial presentation and ACS care at a community hospital applies, and the abstractor should answer “1.”** |
| 22 | comminpt | Was the patient a transfer from a community hospital where he/she was an inpatient for ACS care?  1. Yes  2. No | 1,2  **If 1, auto-fill inptacs as 95**   |  | | --- | | **If 1, transin3 must = 1** | | | The question is not limited to initial presentation, but is intended to address situations in which the patient was transferred from the VAMC to a community hospital and returned to the VAMC after a stay of 24 hours or more.  Patient may be transferred to a community hospital for a cardiac cath, PCI or other service not available at the VAMC, then returned to the VAMC for further recuperation. |
| 23 | inptacs | Was the veteran already a VAMC inpatient when ACS occurred?   1. Yes 2. No 3. Not applicable | 1,2, 95   |  | | --- | | If comm1tx = 1, inptacs cannot = 1 | | | Already an inpatient = the veteran had already been formally admitted to this VAMC, either for an unrelated problem or for related symptoms such as unstable angina**. In either event, to answer “1,” documentation in the record must clearly indicate ACS occurred after the patient had been formally admitted to a VAMC as an inpatient.** |
| 24 | **comfort**  IHI1,  IHI6,  IHI7,  IHI7h,  IHI9,  IHI21,  IHI29n,  IHI40n,  IHI45,  IHI47 | When is the earliest physician, APN, or PA documentation of comfort measures only?  1. Day of arrival (day 0) or day after arrival (day 1)  2. Two or more days after arrival (day 2 or greater)  3. Comfort measures only documented during hospital stay, but timing unclear  99. Comfort measures only was not documented by the physician/APN/PA or unable to determine | 1,2,3,99  |  | | --- | | Warning if comfort = 2 |   If 3 or 99, auto-fill plcaredt as 99/99/9999 | | **Comfort Measures Only(CMO):** refers to medical treatment of a dying person where the natural dying process is permitted to occur while assuring maximum comfort; includes attention to psychological and spiritual needs of patient and support for patient and family; commonly referred to as “comfort care” by general public. It is not equivalent to physician order to withhold emergency resuscitative measures such as Do Not Resuscitate (DNR).  **ONLY accept terms identified in the list of inclusions. No other terminology will be accepted.**   |  |  | | --- | --- | | **Inclusion (Only acceptable terms)** | | | Brain death/dead | End of life care | | Comfort care | Hospice | | Comfort measures | Hospice care | | Comfort measures only (CMO) | Organ harvest | | Comfort only | Terminal care | | DNR-CC | Terminal extubation |  * **Determine the earliest day the physician/APN/PA DOCUMENTED CMO. If any of the inclusion terms are documented by the physician/APN/PA, select option “1,” “2,” or “3,” accordingly.**   Example: “Discussed comfort care with family on arrival” noted in day 2 progress note – Select “2.”   * **Physician/APN/PA documentation of comfort measures only mentioned in the following context is acceptable:** * Comfort measures only recommendation * Order for consultation/evaluation by hospice care * Patient/family request for comfort measures only * Plan for comfort measures only * Referral to hospice care service * Discussion of comfort measures   **(Cont’d next page)** |
|  |  |  |  | | **(CMO cont’d)**   * **State-Authorized Portable Orders (SAPOs):** * SAPOs = specialized forms/identifiers authorized by state law; translate patient’s preferences about specific end-of-life treatment decisions into portable medical orders.   **Examples:** DNR-Comfort Care form; MOLST (Medical Orders for Life-Sustaining Treatment); POLST (Physician Orders for Life-Sustaining Treatment); Out-of-Hospital DNR (OOH DNR)   * SAPO in the record, dated and signed prior to arrival with any inclusion term checked, select value “1.” * SAPO listing any CMO option, select value “1,” “2,” or “3” as applicable * Use only the most recently dated/signed SAPO if more than one in record. Disregard undated SAPOs. * If a SAPO is dated prior to arrival and there is documentation on day of arrival or day after arrival that patient does NOT want CMO, and no other documentation regarding CMO is found in the record, disregard the SAPO. * **Disregard documentation of an Inclusion term in the following situations:** * Documentation (other than SAPOs) that is dated prior to arrival or documentation which refers to the pre-arrival time period (e.g., comfort measures only order in previous hospitalization record, “Pt. on hospice at home” in physician ED note). * Inclusion term clearly described as negative or conditional (**Examples:** “No comfort care,” “Not appropriate for hospice care,” “Family requests CMO should the patient arrest”). * If documentation makes clear it is not being used as an acronym for Comfort Measures Only (e.g., “hx dilated CMO” - Cardiomyopathy context).   **(Cont’d next page)** |
|  |  |  |  | **CMO cont’d**   * **If there is physician/APN/PA documentation of an inclusion term in one source that indicates the patient is CMO, AND there is physician/APN/PA documentation of an inclusion term in another source that indicates the patient is NOT CMO, the source that indicates the patient is CMO would be used to select value “1,” “2,” or “3” for this data element.**   Examples:   * Physician documents in progress note on day 1 “The patient has refused Comfort Measures” AND then on day 2 the physician writes an order for a Hospice referral. Select value “2.” * ED physician documents in a note on day of arrival “Patient states they want to be enrolled in Hospice” AND then on day 2 there is a physician progress note with documentation of “Patient is not a Hospice candidate.” Select value “1.”   **Suggested Data Sources:** Consultation notes, Discharge summary, DNR/MOLST/POLST forms, Emergency Department record, History and physical, Physician orders, Progress notes  **Excluded Data Source:** Restraint order sheet  **Exclusion Statement: Clinician documentation of “comfort measures only (CMO)” excludes the case from The Joint Commission designated AMI Hospital Quality measures. Abstraction of required data elements for VHA measures remains applicable** | |
| 25 | plcaredt | Enter the date of documentation of comfort measures only. | mm/dd/yyyy  If comfort = 3 or 99, will be auto-filled as 99/99/9999  If comfort = 1, auto-fill donotx as 95, notx1dt as 99/99/9999, notx1tm as 99:99, and go to clntrial   |  | | --- | | > = acutedt and  < = dcdate | | Sources: Admitting physician orders, Consultation notes, ED record, H&P, Physician admitting note, Physician orders, Progress notes.  Enter the exact date. The use of 01 to indicate missing day or month is not acceptable**.** | |
| 26 | donotx  IHI7h,  IHI21,  IHI29n,  IHI40n,  IHI45 | Is there explicit documentation of the decision not to treat during this episode of care?  1. Yes  2. No  95. Not applicable | 1,2,95  Will be auto-filled  as 95 if  comfort = 1  If 2, auto-fill notx1dt as 99/99/9999 and notx1tm as 99:99, and go to clntrial | **Decision not to treat** = the record clearly documents that the patient, patient’s family, or legal representative wishes comfort measures only, and/or there is agreement that the patient’s cardiac condition and co-morbid conditions preclude further treatment.  **Include: physician documentation that care is limited to comfort only at family’s request or due to patient’s age or chronic illness; supportive care only**  **The question does not mean that there is a decision not to treat aggressively or to treat only with medical management due to classification of AMI or unstable angina as low risk.**  **Exclude: Documentation of DNR or living will without documentation that the patient’s cardiac condition and co-morbid conditions preclude further treatment.** | |
| 27 | notx1dt  IHI29n,  IHI40n,  IHI45 | Enter the date the decision not to treat was documented in the record. | mm/dd/yyyy  Will be auto-filled as 99/99/9999 if  comfort = 1 or  donotx = 2   |  | | --- | | > = acutedt and < = dcdate | | Enter the exact date. The use of 01 to indicate missing day or month is not acceptable**.** | |
| 28 | notx1tm  IHI29n,  IHI40n,  IHI45, | Enter the time the decision not to treat was documented in the record. | UMT  Will be auto-filled as 99:99 if  comfort = 1 or  donotx = 2   |  | | --- | | > = acutedt/acutetm and < = dcdate/dctime | |  | |
| 29 | **clntrial**  IHI1,  IHI6,  IHI7,  IHI9,  IHI11,  IHI12,  IHI21,  IHI29n,  IHI40n,  IHI43j,  IHI45,  IHI47,  IHI49j, IHI61 | During this hospital stay, was the patient enrolled in a clinical trial in which patients with acute myocardial infarction (AMI) were being studied?  **(Includes AMI, STEMI, NSTEMI, heart attack, or acute coronary syndrome [ACS])**  1. Yes  2. No | \*1, 2  **\*If 1, the record is excluded from the JC AMI Hospital Inpatient Quality Measures** | **In order to answer “Yes”, BOTH of the following must be documented:**  1. **There must be a signed consent form for the clinical trial.** For the purposes of abstraction, a clinical trial is defined as an **experimental study** in which research subjects are recruited and assigned a treatment/intervention and their outcomes are measured based on the intervention received; **AND**  2**. There must be documentation on the signed consent form that during this hospital stay the patient was enrolled in a clinical trial in which patients with AMI were being studied** (e.g., enrollment of the patient with AMI in a clinical trial studying stents). Patients may be newly enrolled in a clinical trial during the hospital stay or enrolled in a clinical trial prior to arrival and continued active participation in that clinical trial during this hospital stay.  **In the following situations, select "No":**  1. **There is a signed patient consent form for an observational study only**. Observational studies are non-experimental and involve no intervention (e.g., registries).  2. **It is not clear whether the study described in the signed patient consent form is experimental or observational**.  3. **It is not clear which study population the clinical trial is enrolling**. Assumptions should not be made if it is not specified.  **ONLY ACCEPTABLE SOURCE**: Signed consent form for clinical trial  **Exclusion Statement: Enrollment of the patient in a clinical trial during this hospital stay relevant to AMI excludes the case from the JC AMI Hospital Inpatient Quality Measures.** | |
| **If COMM1TX, COMMINPT, AND INPTACS = 2, go to History & Assessment Module.**  **Iff s applicable 1,5,or 99), go to LDLARRV in History & Assessment Module COMM1TX, COMMINPT, OR INPTACS = 1 and (DCDISPO = 1,5, or 99), go to LDLARRV in History & Assessment Module.**  **Iff s applicable 1,5,or 99), go to LDLARRV in History & Assessment Module COMM1TX, COMMINPT, OR INPTACS = 1 and (DCDISPO = 4), go to LVFDOC2 in Continuing Care and Assessment Module.**  **If COMM1TX, COMMINPT, OR INPTACS = 1 and (DCDISPO = 2,3,6, or 7),**  **GO TO END** (Partial abstraction only – enable common modules as applicable). | | | | **Exclusion Statement: Cases in which the patient:**  **a)** **presented initially to a community hospital where he/she received all or part of the first 24 hours of care for ACS;**  **OR**  **b) was transferred from a community hospital where he/she was an inpatient for ACS care;**  **OR**  **c) was already a VAMC inpatient when ACS occurred**  **are excluded from TJC designated AMI Hospital Inpatient Quality Measures.** | |