Validation of Enhanced Algorithms to Identify Opioid Use and Co-Occurring Disorders in National Hospital Care Survey (NHCS)

Abstraction Form

OMB No. 0920-0212; Expiration date 03/31/2022

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| Use the below prepopulated information to locate the full medical record for the selected encounter in the hospital's EHR system. Verify that the correct medical record was selected before proceeding with abstraction. | | |
|---|--|--|
| Hospital_ID | XXXXXXXXXX | |
| Encounter_ID | XXXXXXXXXX | |
| Medical Record Number (MRN) | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | |
| Setting | Emergency Department (ED) Inpatient (IP) | |
| Encounter Start Date | DD MON YYYY | |
| Encounter End Date | DD MON YYYY | |
| Patient Date of Birth | DD MON YYYY | |
| Patient Name | LAST, FIRST MI | |
| Patient Sex | XXXXXXXXXXX | |
| Patient Address | XXXXXXXXXXX | |

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Answer all the following questions using only information found in the medical record for the above referenced encounter. <u>Exclude</u> encounters that occurred before or after the referenced encounter.

| Question 1. | Response |
|---|--|
| Did the patient have at least one diagnosis related to past or present opioid use? (Select one) | Yes No (Skip to Question 2) |

| Question 1a. | | Response |
|--|--|--|
| Which diagnosis related to past or present opioid use did the patient have? (Select all that apply) NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | Opioid related disorders Opioid abuse Opioid dependence Opioid use Poisoning by: Opium Heroin Other opioids Methadone Other synthetic narcotics Unspecified narcotics Other narcotics Adverse Effect of: Opium Other opioids Methadone Other narcotics Unspecified narcotics Methadone Other narcotics Other narcotics Other opioids Methadone Other opioids Methadone Other synthetic narcotics Unspecified narcotics Unspecified narcotics Other narcotics | Underdosing of: Opium Other opioids Methadone Other synthetic narcotics Unspecified narcotics Other narcotics Other narcotics Long term current use of opiate analgesic Finding of opiate in blood Newborn affected by maternal use of opiates Neonatal withdrawal symptoms from maternal use of drugs of addiction Other (please specify) |

| Where did you find evidence of Image: Allergies Image: Past Medical History a diagnosis related to past or Image: Assessment & Plan Image: Physical Examination | Question 1b. |
|--|---|
| present opioid use? (Select all that apply) Chief Complaint Problem List Diagnoses Progress Note Discharge Summary Reason for Visit EMS Report Review of Systems Family History Services History of Present Illness (HPI) Social History Lab/Toxicology Other (please describe): Medication List Medication List | Where did you find evidence of a diagnosis related to past or present opioid use? (Select all |

| Question 2. | Response |
|--|--|
| Did the patient have at least one written indication of past or present opioid use stated by the patient or provider other than the diagnosis(es) indicated in question 1? (Select one) | Yes No (Skip to Question 3) |

| Question 2a. | Response |
|--|--|
| Describe the written indication of past or present opioid use, copy verbatim from chart when possible. (Enter up to three) NOTE: Excludes diagnosis(es) indicated in Question 1. Include information regarding the intent of the opioid use if documented in the record (e.g., unintentional/accidental, suicide attempt & intentional self-harm, assault). | Written indication 1 Written indication 2 Written indication 3 |

| Question 2b. | Response | |
|-----------------------------------|----------------------------------|--------------------------|
| Where did you find evidence of | Allergies | Past Medical History |
| the written indication of past or | 🗌 Assessment & Plan | Physical Examination |
| present opioid use? | Chief Complaint | Problem List |
| (Select all that apply) | Diagnoses | Progress Note |
| | Discharge Summary | Reason for Visit |
| | EMS Report | Review of Systems |
| | Family History | Services |
| | History of Present Illness (HPI) | Social History |
| | Lab/Toxicology | Other (please describe): |
| | Medication List | |
| | Nurses Notes | |

| Question 3. | Response |
|---|--|
| Was any drug testing performed during the encounter? (Select one) | Yes No (Skip to Question 4) |

| Question 3a. | Response |
|--|---|
| Were any drug tests positive? (Select one) | Yes No, negative for all tested substance (Skip to 3c) Don't know/No results provided (Skip to 4) |

| Question 3b. | F | Response |
|---|--|---|
| Which substance(s) had positive test results? (Select all that apply) | Amphetamines Barbiturates Benzodiazepines Buprenorphine/ Norbuprenorphine Cannabis/Marijuana (THC) Cocaine Codeine Ethanol/Alcohol Fentanyl/Fentanyl Analogs Heroin (6-AM & 6-MAM) Hydrocodone Hydromorphone Levorphanol | Methadone Methamphetamine Mitragynine (Kratom) Morphine Naloxone Naltrexone Opiates Oxycodone Oxycodone Oxymorphone Phencyclidine (PCP) Tramadol Tricyclic antidepressants (TCA) Other (please describe) |

| Question 3c. | Res | sponse |
|--------------------------------|----------------------------------|--------------------------|
| Where did you find evidence of | Allergies | Past Medical History |
| drug testing? (Select all that | Assessment & Plan | Physical Examination |
| apply) | Chief Complaint | Problem List |
| | Diagnoses | Progress Note |
| | Discharge Summary | Reason for Visit |
| | EMS Report | Review of Systems |
| | Family History | Services |
| | History of Present Illness (HPI) | Social History |
| | Lab/Toxicology | Other (please describe): |
| | Medication List | |
| | Nurses Notes | |

| Question 4. | Response |
|--|--|
| Was at least one prescription opioid administered and/or prescribed to the patient during the encounter or listed on Past or Current Medication Lists? (Select one) | Yes No (Skip to Question 5) |

| Question 4a. | | Response |
|------------------------------|---------------|--------------------------|
| Which prescription opioid(s) | Buprenorphine | Methadone |
| was administered and/or | Codeine | Morphine |
| prescribed to the patient? | 🗌 Fentanyl | Oxycodone |
| (Select all that apply) | Hydrocodone | Oxymorphone |
| | Hydromorphone | 🗌 Tramadol |
| | 🗌 Levorphanol | Other (please describe): |
| | Meperidine | |

| | | Response | | |
|---------------------------|---------------------------|--------------------|--------------|-----------------|
| | | | Given during | Prescribed upon |
| Question 4b. | Opioid | Prior to Encounter | Encounter | Discharge |
| When was the | Buprenorphine | | | |
| prescription opioid(s) | Codeine | | | |
| administered and/or | Fentanyl | | | |
| prescribed to the | Hydrocodone | | | |
| patient? | Hydromorphone | | | |
| (Select all that apply) | Methadone | | | |
| | Morphine | | | |
| NOTE: Opioids | Oxycodone | | | |
| administered prior to | Oxymorphone | | | |
| encounter include those | Tramadol | | | |
| listed on Past and Curren | tOther (please describe): | | | |
| Medication Lists | | | | |
| | | | | |
| | | | | |

| Question 4c. | R | Response |
|--|--|--|
| Where did you find evidence of opioid(s) administered and/or prescribed to the patient? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 5. | Response | |
|--|------------------------------|--|
| Was naloxone (Narcan) administered to the patient | Yes | |
| either during the encounter or shortly before arrival? | No (Skip to Question 6) | |
| (Select one) | Unknown (Skip to Question 6) | |

| Question 5a. | Response |
|--|-------------------------|
| Who administered naloxone (Narcan)? (Select all that | EMS |
| apply) | ☐ Firefighter |
| | Law enforcement |
| | Hospital provider |
| | Family/friend/bystander |
| | Other |
| | |

| Question 5b. | Response |
|---|-------------------------|
| How many doses of naloxone (Narcan) were administered? (Select one) | Single Multiple Unknown |

| Question 5c. | Response |
|---|----------|
| Did naloxone (Narcan) administration result in a | 🗌 Yes |
| positive response (e.g., increased respiration and/or | 🗌 No |
| increased alertness)? (Select one) | Unknown |

| Question 5d. | R | Response |
|---|--|--|
| Where did you find evidence of naloxone (Narcan) administration? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 6. | Response |
|---|--|
| Did the patient have at least one diagnosis related to a past or present substance use disorder? (Select one) | Yes No (Skip to Question 7) |
| NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | |

| Question 6a. | Response |
|---|--|
| Which diagnosis related to a past or present substance use disorder did the patient have? (Select all that apply) NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | Alcohol related disorders Opioid related disorders Cannabis related disorders Sedative, hypnotic or anxiolytic related disorders Cocaine related disorders Other stimulant related disorders Hallucinogen related disorders Nicotine dependence Inhalant related disorders Other psychoactive substance related disorders Other (please describe): |

| Question 6b. | R | Response |
|---|--|--|
| Where did you find evidence of a diagnosis related to past or present substance use disorder? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 7. | Response |
|---|--|
| Was there at least one written indication of past or present substance use disorder stated by the patient or provider other than the diagnosis(es) indicated in question 6? (Select one) | Yes No (Skip to Question 8) |

| Question 7a. | Response |
|--|--|
| Describe the written indication of a past or present substance use disorder, copy verbatim from chart when possible. (Enter up to three) NOTE: Excludes diagnosis(es) indicated in Question 6. | Written indication 1 Written indication 2 Written indication 3 |

| Question 7b. | R | Response |
|--|--|--|
| Where did you find evidence of a written indication of a past or present substance use disorder? (Select all that apply) NOTE: Excludes diagnosis(es) indicated in Question 6. | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 8. | Response |
|--|--|
| Did the patient have at least one diagnosis related to a past or present anxiety disorder? (Select one) | Yes No (Skip to Question 9) |
| NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | |

| Question 8a. | Response |
|---|--|
| Which diagnosis related to a past or present anxiety disorder did the patient have? (Select all that apply) NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | Social phobias Panic disorder Generalized anxiety disorder Other anxiety disorders Obsessive-compulsive disorder Acute stress reaction Post-traumatic stress disorder (PTSD) Other (please describe): |

| Question 8b. | R | Response |
|--|--|--|
| Where did you find evidence of a diagnosis related to a past or present anxiety disorder? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 9. | Response |
|---|---|
| Was there at least one written indication of past or present anxiety disorder stated by the patient or provider other than the diagnosis indicated in question 8? (Select one) | Yes No (Skip to Question 10) |

| Question 9a. | Response |
|--|--|
| Describe the written indication of a past or present anxiety disorder, copy verbatim from chart when possible. (Enter up to three) NOTE: Excludes diagnosis(es) indicated in Question 8. | Written indication 1 Written indication 2 Written indication 3 |

| Question 9b. | Response | |
|---|--|---|
| Where did you find evidence of a written indication of a past or present anxiety disorder? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summany | Past Medical History Physical Examination Problem List Progress Note Reason for Visit |
| NOTE: Excludes diagnosis(es) indicated in Question 8. | Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 10. | Response |
|--|---|
| Was there at least one diagnosis related to a past or present depressive disorder? (Select one) | Yes No (Skip to Question 11) |
| NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | |

| Question 10a. | Response |
|--|---|
| Which diagnosis related to a past or present depressive disorder did the patient have? (Select all that apply) NOTE: Includes a diagnosis code or a diagnostic phrase, such as a label or description for a diagnosis code. | Major depressive disorder, single episode Major depressive disorder, recurrent Personal history of self-harm Suicidal ideations Suicide attempt Other (please describe): |

| Question 10b. | Respor | nse |
|---|--|--|
| Where did you find evidence of a diagnosis related to a past or present depressive disorder? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 11. | Response |
|--|---|
| Was there at least one written indication of past or present depressive disorder as stated by the patient or provider other than the diagnosis indicated in question 10? (Select one) | Yes No (Skip to Question 12) |

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| Question 11a. | Response |
|--|--|
| Describe the written indication of a past or present depressive disorder, copy verbatim from chart when possible. (Enter up to three) | Written indication 1 Written indication 2 Written indication 3 |
| NOTE: Excludes diagnosis(es) indicated in Question 10. For written indications of self-harm thoughts and behaviors, include whether they were related to a comorbidity of schizophrenia if documented in the record. | |

| R | Response |
|----------------------------------|--|
| Allergies | Past Medical History |
| 🗌 🗌 Assessment & Plan | Physical Examination |
| 🗌 Chief Complaint | 📋 Problem List |
| Diagnoses | Progress Note |
| Discharge Summary | 🗌 Reason for Visit |
| EMS Report | Review of Systems |
| Family History | Services |
| History of Present Illness (HPI) | Social History |
| Lab/Toxicology | Other (please describe): |
| Medication List | |
| Nurses Notes | |
| | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List |

| Question 12. | Response |
|--|--|
| Was any treatment initiated for the patient's substance use disorder (SUD), anxiety disorder and/or depressive disorder during this encounter? (Select one) | Yes No (Skip to Question 13) N/A, patient does not have a substance use disorder, anxiety disorder or depressive disorder (Skip to 13) |

| Question 12a. | Response | |
|---|--|--|
| What treatment was initiated during this encounter? (Select all that apply) | Buprenorphine, Methadone or Naltrexone Admitted to a chemical dependency/detoxification unit at the hospital Psychotropic medication | Admitted to a psychiatric inpatient unit at this hospital Brief intervention counseling Transferred/referred to another facility Other (please describe): |

| Question 12b. | R | Response |
|--|--|--|
| Where did you find evidence of treatment initiated during this encounter? (Select all that apply) | Allergies Assessment & Plan Chief Complaint Diagnoses Discharge Summary EMS Report Family History History of Present Illness (HPI) Lab/Toxicology Medication List Nurses Notes | Past Medical History Physical Examination Problem List Progress Note Reason for Visit Review of Systems Services Social History Other (please describe): |

| Question 13. | Response |
|---|----------|
| Abstractor Notes | |
| Use this space to describe any issues with abstracting information for this encounter or any other pertinent information. | |