

**ADVERSE HEALTH EFFECTS ASSOCIATED WITH  
SYNTHETIC CANNABINOID USE — MISSISSIPPI, 2015**

Form Approved; OMB No. 0920-1011; Exp Date: 3/31/2017
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**MEDICAL RECORDS REVIEW**

Reviewer/Interviewer: \_\_\_\_\_ Agency: \_\_\_\_\_ Abstraction  
Date:(mm/dd/yy): \_\_\_\_\_  
Emergency Department (ED): \_\_\_\_\_, or Coroner/Medical Examiner  
Name \_\_\_\_\_

PATIENT IDENTIFICATION			
Full Name (Last Name, First Name)		Medical Record Number	
Date of Birth (mm/dd/yy)	Age	Sex	
Address			
City/State/Zip			
Phone/Home <i>If not recorded, please enter 000-000-0000</i>		Phone/Cell <i>If not recorded, please enter 000-000-0000</i>	

MEDICAL RECORDS ABSTRACTION	
<b>Type of Records reviewed</b> (mark all that apply): <input type="checkbox"/> Emergency Medical Services (EMS)/Ambulance notes* <input type="checkbox"/> Emergency Department notes <input type="checkbox"/> Police documentation <input type="checkbox"/> Medical Toxicologist consultation notes	<input type="checkbox"/> Admission History and Physical** <input type="checkbox"/> Discharge Summary <input type="checkbox"/> Coroner/Medical Examiner Documentation*** <input type="checkbox"/> Other _____
<i>*If patient not brought in or seen by EMS, skip to Section B.            **If patient was admitted also complete Section C            ***If patient is deceased also complete Section D.</i>	
A. Prehospital Data (from EMS Records or ED Records)	
<b>Date and (approximate) Time of Presentation to EMS</b> (mm/dd/yy, hh:mm AM/PM): _____ <input type="checkbox"/> Not Recorded	
<b>Chief Complaint/ History</b> (record narrative details, and indicate source(s) of information e.g. patient, friend/family, police, etc.)	
<b>Initial EMS Vital Signs</b>  Date: _____ (mm/dd/yy) Time: _____ (hh:mm AM/PM)  Temperature _____ °(specify F or C) <input type="checkbox"/> Not Recorded  Heart Rate: _____ /minute	

Public reporting burden of this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74 Atlanta, Georgia 30333; ATTN: PRA (0920-1011)

Blood Pressure: \_\_\_\_\_/\_\_\_\_\_

Respiratory Rate: \_\_\_\_\_/minute

Oxygen Saturation: \_\_\_\_\_%

Was the patient on supplemental oxygen?  Yes  No  Unknown

**Specific Mental Status Descriptors at Time of EMS Presentation** (mark all that apply, including those in chief complaint):

Confused  Disoriented  Delirious  Anxious  Tremulous  Agitated  Hallucinating  Paranoid

Psychotic

Seizures  Aggressive/Violent  Hyperalert/Hypervigilant  Unable to speak  Somnolent  Unresponsive  
 Comatose  Other \_\_\_\_\_  WNL  Unknown

**Interventions**

Yes  No If yes, mark all that apply:

Intubation, specify reason (e.g. hypoventilation, airway protection) \_\_\_\_\_  
Date and Time \_\_\_\_\_

Cardiopulmonary resuscitation

Other(s) \_\_\_\_\_

**Medications**

Yes  No If yes, mark all that apply:

Benzodiazepine (e.g. Ativan, Versed, Valium)

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Antipsychotics (e.g. Haldol, Geodon)

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Dissociative Anesthetics (e.g. Ketamine, Propofol)

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Antidotes (e.g. Glucose, Narcan, Physostigmine, Flumazenil)

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Other

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

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Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

**NB. If abstraction ends at this point, please go to last page to complete lab testing tier**

**B. ED Record Review**

**Mode of Presentation to ED:**  Self/Ambulatory  Friends/Family  Ambulance  Police  Other

**Date and (approximate) Time of Presentation to ED** (mm/dd/yy, hh:mm AM/PM): \_\_\_\_\_  Not Recorded

**Chief Complaint/History** (record pertinent narrative details, and indicate source(s) of information e.g. patient, friend/family, police, EMS personnel, etc):

**Initial ED Vital Signs:**

Date: \_\_\_\_\_ (mm/dd/yy) Time: \_\_\_\_\_ (hh:mm AM/PM)

Temperature \_\_\_\_\_° (specify F or C); Heart Rate: \_\_\_\_\_/minute; Blood Pressure: \_\_\_\_\_/\_\_\_\_\_

Respiratory Rate: \_\_\_\_\_/minute

Oxygen saturation: \_\_\_\_\_% Was the patient on supplemental oxygen?  Yes  No  Unknown

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**Specific Mental Status Descriptors at Time of Presentation** (mark all that apply):

Confused  Disoriented  Delirious  Anxious  Tremulous  Agitated  Hallucinating  Paranoid  Psychotic

Seizures  Aggressive/Violent  Hyperalert/Hypervigilant  Unable to speak  Somnolent  Unresponsive

Comatose  Other \_\_\_\_\_  WNL  Unknown

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**Physical Exam Findings/Descriptors at Time of Presentation** (mark all that apply):

**Skin:**  WNL  Diaphoretic (sweating)  Flushed  Dry  Other \_\_\_\_\_  Unknown

Abrasions/ wounds If yes, specify where \_\_\_\_\_

**Mucous Membranes:**  WNL  Moist  Dry  Other \_\_\_\_\_  Unknown

**Eyes:**  WNL  Pupils dilated  Pupils constricted  Nystagmus  Other \_\_\_\_\_  Unknown

**Cardiovascular:**  WNL  Tachycardia  Bradycardia  Irregular heart rhythm  Other \_\_\_\_\_  Unknown

**Respiratory:**  WNL  Bradypnea  Tachypnea  Dyspnea  Shortness of breath  Other \_\_\_\_\_  Unknown

**Gastrointestinal:**  WNL  Hypoactive bowel sounds  Other \_\_\_\_\_  Unknown

Hyperactive bowel sounds  Tender

**Genitourinary:**  WNL  Urinary retention  Other \_\_\_\_\_  Unknown

**Neurologic:**  WNL  Hyperreflexia  Hyporeflexia  Clonus  Other \_\_\_\_\_  Unknown

**Musculoskeletal:**  WNL  Rigidity  Weakness  Other \_\_\_\_\_  Unknown

If exam findings present, specify where (e.g., extremities, generalized) \_\_\_\_\_

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**Initial Basic Laboratory Evaluation:**

Blood Chemistry:	Date/Time	Not Done	Liver Panel:	Date/Time	Not Done
Na _____	_____	_____	Total protein _____	_____	_____
K _____	_____	_____	Albumin _____	_____	_____
Cl _____	_____	_____	AST _____	_____	_____
HC03 _____	_____	_____	ALT _____	_____	_____
BUN _____	_____	_____	Total bili _____	_____	_____
Creatinine _____	_____	_____	Alk Phos _____	_____	_____
Glucose _____	_____	_____			

  

Blood gas:	Date/Time	Not Done	Other:	Date/Time	Not Done
pH _____	_____	_____	<input type="checkbox"/> CK (total serum) _____	_____	_____
PaO2 _____	_____	_____	<input type="checkbox"/> Lactate/lactic acid: _____	_____	_____
PaCO2 _____	_____	_____			
HC03 _____	_____	_____			
<input type="checkbox"/> Supplemental O2					
If yes, Specify: _____ L					

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**Toxicology / Drug Screen Evaluation:**

**Urine Drug Screen?**

Yes  No *If yes, mark all positives*

Barbiturates  MDMA (Ecstasy)

Benzodiazepines (BZD)  Phenylpropanolamine

**Blood:**

Yes  No *If yes, mark all that apply*

Ethanol (specify blood level); \_\_\_\_\_

Salicylates (specify blood level); \_\_\_\_\_

Acetaminophen (specify blood level); \_\_\_\_\_

<input type="checkbox"/> Cocaine (benzylecgonine) <input type="checkbox"/> Opiates <input type="checkbox"/> Methadone <input type="checkbox"/> Phencyclidine (PCP) <input type="checkbox"/> Amphetamine <input type="checkbox"/> Methamphetamine	<input type="checkbox"/> Cannabinoids (THC, Marijuana) <input type="checkbox"/> Methaqualone <input type="checkbox"/> Trazodone <input type="checkbox"/> Tricyclic Antidepressants <input type="checkbox"/> Other(s) _____	level); _____ <input type="checkbox"/> Other (specify) _____
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**Initial Electrocardiographic (ECG/EKG) or Telemetry Findings (e.g.):**  
 EKG done  Yes  No If yes, specify date/time (mm/dd/yy, hh:mm AM/PM): \_\_\_\_\_  
 Abnormal EKG?  Yes  No  
 If abnormal, please specify:  
 Arrhythmia (Specify \_\_\_\_\_)  
 Long QT     Short QT     QRS interval abnormality     Asystole  
 Other, specify \_\_\_\_\_

**Imaging Findings (e.g. head CT, brain MRI, Chest X-ray, others):**  
 Imaging done  Yes  No If yes, check all that apply:

Head CT <input type="checkbox"/> Yes <input type="checkbox"/> No	Abnormal? <input type="checkbox"/> Yes <input type="checkbox"/> No	Specific abnormal findings _____
Brain MRI <input type="checkbox"/> Yes <input type="checkbox"/> No	Abnormal? <input type="checkbox"/> Yes <input type="checkbox"/> No	Specific abnormal findings _____
Chest X-ray <input type="checkbox"/> Yes <input type="checkbox"/> No	Abnormal? <input type="checkbox"/> Yes <input type="checkbox"/> No	Specific abnormal findings _____
Other(s), <input type="checkbox"/> Yes <input type="checkbox"/> No	Specify _____	Specific abnormal findings _____

**Interventions (mark all that apply):**  
 Yes  No  
 Intubation/Mechanical ventilation Specify reason (e.g. hypoventilation, airway protection)  
 \_\_\_\_\_  
 Extubation Date \_\_\_\_\_ Time \_\_\_\_\_  
 Cardiopulmonary resuscitation  
 Other(s) \_\_\_\_\_

**Medications**  
 Yes  No

Benzodiazepine (e.g. Ativan, Versed, Valium)  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Antipsychotics (e.g. Haldol, Geodon)  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Dissociative Anesthetics (e.g. Ketamine, Propofol)  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Antidotes (e.g. Glucose, Narcan, Physostigmine, Flumazenil)  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

Other  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_  
 Name: \_\_\_\_\_ Dose: \_\_\_\_\_ Time of Administration \_\_\_\_\_

**Past Medical History**  
 High blood pressure:     Yes     No     Unknown

Heart disease:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Kidney disease:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Liver disease:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Diabetes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Seizure disorder	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Mental illness	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Substance addiction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____
Other	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Specify _____

**Emergency Department Disposition:**

<input type="checkbox"/> ED Observation, specify duration _____ (in HOURS)	<input type="checkbox"/> Deceased:
<input type="checkbox"/> Discharged _____ (mm/dd/yy) _____ (hh:mm)	Date: _____ (mm/dd/yy)
<input type="checkbox"/> Admitted to Hospital, specify admit date _____ (mm/dd/yy)	Time: _____ (hh:mm)
<input type="checkbox"/> ICU <input type="checkbox"/> General Medicine <input type="checkbox"/> Other _____	
<input type="checkbox"/> Transferred to another hospital, specify date _____ (mm/dd/yy)	<input type="checkbox"/> Unknown
<input type="checkbox"/> Left AMA _____ (mm/dd/yy) _____ (hh:mm)	

**Complications During ED Course**

<input type="checkbox"/> None	<input type="checkbox"/> Respiratory failure	<input type="checkbox"/> Multi-organ failure
<input type="checkbox"/> Seizures	<input type="checkbox"/> Hyperthermia	<input type="checkbox"/> Acute Kidney Injury/ Failure
<input type="checkbox"/> Psychosis	<input type="checkbox"/> Rhabdomyolysis	<input type="checkbox"/> Coma
<input type="checkbox"/> Agitation	<input type="checkbox"/> Other, specify _____	

**Other Data/Notes:**

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**SPECIMENS**

**Blood Specimen(s) available? (earliest available specimen(s) preferred)**  Yes  No  Unknown

If yes, specify: Type of specimen \_\_\_\_\_ Collection date \_\_\_\_\_ Collection Time \_\_\_\_\_

Type of specimen \_\_\_\_\_ Collection date \_\_\_\_\_ Collection Time \_\_\_\_\_

**Urine Specimen(s) available? (earliest available specimen (s) preferred)**  Yes  No  Unknown

If yes, specify: Type of specimen \_\_\_\_\_ Collection date \_\_\_\_\_ Collection Time \_\_\_\_\_

Type of specimen \_\_\_\_\_ Collection date \_\_\_\_\_ Collection Time \_\_\_\_\_

**Illicit substance/Product Specimen(s) available?**  Yes  No  Unknown

If yes, specify: Type of specimen \_\_\_\_\_ Collection date \_\_\_\_\_ Collection Time \_\_\_\_\_

Last known person or organization in possession of sample: \_\_\_\_\_

**NB. If abstraction ends at this point, please go to last page to complete lab testing tier**

**C. Inpatient Record Review**

**Level of Care** (during hospital stay):

<input type="checkbox"/> Intensive Care Unit	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> Step-Down Unit	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> General Medicine	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> Telemetry Unit	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> Psychiatry Unit	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> ED Observation	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> Other _____	Admit date _____	Discharge/ transfer date (if applicable) _____	(mm/dd/yy)
<input type="checkbox"/> Unknown			

**Peak Laboratory Evaluation:**

<b>Blood Chemistry:</b>	<b>Date/Time</b>	<b>Not Done</b>	<b>Liver Panel:</b>	<b>Date/Time</b>	<b>Not Done</b>
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Na _____	_____	_____	Total protein _____	_____	_____
K _____	_____	_____	Albumin _____	_____	_____
Cl _____	_____	_____	AST _____	_____	_____
HC03 _____	_____	_____	ALT _____	_____	_____
BUN _____	_____	_____	Total bili _____	_____	_____
Creatinine _____	_____	_____	Alk Phos _____	_____	_____
Glucose _____	_____	_____			

<b>Blood gas:</b>	<b>Date/Time</b>	<b>Not Done</b>	<b>Other:</b>	<b>Date/Time</b>	<b>Not Done</b>
pH _____	_____	_____	<input type="checkbox"/> CK (total serum) _____	_____	_____
PaO2 _____	_____	_____	<input type="checkbox"/> Lactate/lactic acid: _____	_____	_____
PaCO2 _____	_____	_____			
HC03 _____	_____	_____			
<input type="checkbox"/> Supplemental O2					
If yes, Specify: _____ L					

**Nadir Laboratory Evaluation:**

<b>Blood Chemistry:</b>	<b>Date/Time</b>	<b>Not Done</b>	<b>Liver Panel:</b>	<b>Date/Time</b>	<b>Not Done</b>
Na _____	_____	_____	Total protein _____	_____	_____
K _____	_____	_____	Albumin _____	_____	_____
Cl _____	_____	_____	AST _____	_____	_____
HC03 _____	_____	_____	ALT _____	_____	_____
BUN _____	_____	_____	Total bili _____	_____	_____
Creatinine _____	_____	_____	Alk Phos _____	_____	_____
Glucose _____	_____	_____			

<b>Blood gas:</b>	<b>Date/Time</b>	<b>Not Done</b>	<b>Other:</b>	<b>Date/Time</b>	<b>Not Done</b>
pH _____	_____	_____	<input type="checkbox"/> CK (total serum) _____	_____	_____
PaO2 _____	_____	_____	<input type="checkbox"/> Lactate/lactic acid: _____	_____	_____
PaCO2 _____	_____	_____			
HC03 _____	_____	_____			
<input type="checkbox"/> Supplemental O2					
If yes, Specify: _____ L					

**Electrocardiographic (ECG/EKG) or Telemetry Findings**

EKG done  Yes  No    If yes, please specify date/time (mm/dd/yy)/(hh:mm A.M./P.M.) \_\_\_\_\_

Abnormal EKG?  Yes  No    Date \_\_\_\_\_ Time \_\_\_\_\_

If yes, please specify:

Arrhythmia (Specify \_\_\_\_\_)

Long QT     Short QT

QRS interval abnormality     Asystole     Other, specify \_\_\_\_\_

**Interventions** (mark all that apply):

Yes  No

Intubation/Mechanical ventilation    Specify reason (e.g. hypoventilation, airway protection) \_\_\_\_\_

Extubation Date \_\_\_\_\_ Time \_\_\_\_\_

Cardiopulmonary resuscitation    Date \_\_\_\_\_ Time \_\_\_\_\_

Other(s) \_\_\_\_\_

**Medications**

Yes  No

Benzodiazepine (e.g. Ativan, Versed, Valium)

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

Antipsychotics (e.g. Haldol, Geodon)

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

Dissociative Anesthetics (e.g. Ketamine, Propofol)

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

Antidotes (e.g. Glucose, Narcan, Physostigmine, Flumazenil)

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

    Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

Other

Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_  
Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_  
Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_  
Name: \_\_\_\_\_ Number of Times Given \_\_\_\_\_

**Complications During Hospital Course**

- |   |   |
|---|---|
| <input type="checkbox"/> None                   | <input type="checkbox"/> Hyperthermia                 |
| <input type="checkbox"/> Seizures               | <input type="checkbox"/> Rhabdomyolysis               |
| <input type="checkbox"/> Psychosis              | <input type="checkbox"/> Acute Kidney Injury/ Failure |
| <input type="checkbox"/> Agitation              | <input type="checkbox"/> Multi-organ failure, etc.)   |
| <input type="checkbox"/> Respiratory failure    | <input type="checkbox"/> Coma                         |
| <input type="checkbox"/> Mechanical Ventilation | <input type="checkbox"/> Other, specify _____         |

**Outcome:**

- Discharged    Date of Discharge \_\_\_\_\_ (mm/dd/yy)  
     Discharge diagnoses, specify \_\_\_\_\_
- Discharged against medical advice, specify \_\_\_\_\_  
     Discharge diagnoses, specify \_\_\_\_\_
- Still hospitalized
- Deceased            Date and time of death \_\_\_\_\_ (mm/dd/yy)/(hh:mm A.M./P.M.)
- Unknown

**Other Data/Notes:**

**D. ME or Coroner Record Review**

**Date and Time of Death** (mm/dd/yy)/(hh:mm A.M./P.M.):

Check if time of death is estimated

**Significant Positive Gross Autopsy Findings:**

**Significant Positive Histopathology Autopsy Findings:**

**Significant Positive Laboratory Autopsy Findings**

(please include both positive and negative toxicologic laboratory findings):

**Source of Blood Samples**

Core     Peripheral     Other (specify) \_\_\_\_\_

Time specimen obtained (if available) (mm/dd/yy, hh:mm AM/PM): \_\_\_\_\_

**Other Data/Notes** (please include any past medical history or any pertinent case history listed):

**Case Definition Determination & Lab Testing Tier**

**Is the case:**

- Probable
  - If probable, select lab testing tier:     1     2     3
  - Please see reference below*
- Suspect

**\*Case Definition:**

**Probable**

Self-reported or other suspicion of synthetic cannabinoid (synthetic marijuana) use within 24 hours of onset of illness with or without other recreational substances  
--OR--

**Suspect**

Suspected use of unknown recreational drug(s) within 24 hours of onset of illness, based on clinical presentation

**\*Only use this lab testing tier system to stratify patients who meet our PROBABLE CASE definition\***

**Tier 1:**

- ICU admitted patients
- OR-
- Patients with symptoms consistent with synthetic cannabinoid exposure WITH environmental (drug) samples available for testing, regardless of admission status.
- Percentage of patients in this category that will have specimens tested = 100%

**Tier 2:**

- Patients admitted to Ed observation, step-down unit, general medical, or telemetry unit
- Percentage of patients in this category that will have specimens tested: 50%

**Tier 3:**



- Patients seen in the ER and discharged
  - Percentage of charts in this category that will have specimens tested: 25% or number of additional specimens that will add up to 50
    - CO can only test 50 specimens. For example if we have 25 patients from tier 1, 10 patients from tier 2, then we will only be able to test 15 specimens from tier 2, regardless what percentage of Tier 3 patients this is.
    - Our priority of testing is primarily on patients in tier 1 and 2.
-