Study Scenario Preparation / Setup

- Setting

-Safe environment without distractors

-AV recording equipment (videorecorder)

-Background / ambient noise

- Laerdal AirMan manikin

-Manikin cleaning equipment

-Street clothes

-Positioned next to wall in a slumped over, semi-sitting position

-No respirations

-No pulses

- Other props + equipment

-Drug paraphernalia / pill bottles to safely indicate OD background / state

-Prop cell phone

-Naloxone intranasal formulation

-Mucosal adapter device

-Naloxone vial [saline]

-Syringe

-Water in water bottle (distractor)**Study Simulation Introduction:**

**Upon arrival:** "Thank you for coming in to complete the follow-up assessment. We will start by filling out a number of forms. Some of the questions will sound familiar, but we are particularly interested in what your experiences have been since you left prison. After we finish up the paperwork, we’d like you to take part in a simulated scenario– this will be a role-play in which you will demonstrate the skills you learned from the study video to show us what you would do if you happen to be at the scene of an overdose. I will tell you about the scenario and answer any questions that you have after the paperwork."

Complete Paperwork (Follow-up, BORRA and OD NLX Risks)

**Introduce Assessment:** "We have set up the simulation in another room which I will take you to shortly. Before we begin, I want to describe what you should expect and to answer any questions you have."

"Walking into the simulation room, you will see a life-size medical manikin dressed in street clothes– we call him Joe. There is also a small amount of drug paraphernalia to set the scene and a number of things you might choose to use to respond to the overdose– what you use will be up to you. Treat him as you would treat a friend or someone else who might be overdosing."

"Although we want this to be like a real-life scenario, please talk out loud to tell me what you are doing as you work your way through the simulation. You can also tell me if there is anything you would like an available bystander to do, but I will not be physically involved in the scenario; you will be the only one directly interacting with Joe."

"The scenario will be videorecorded by a camera in the corner– only the members of the research team will have access to this video. After we walk into the simulation room, I will start the camera and let you know when to begin. There is no set time for the scenario– take the time that you need to complete the necessary overdose response steps, but remember that in an actual overdose, every minute counts."

"If the scenario makes you uncomfortable, you can stop at any time– I will turn off the videorecorder and we will return to this room. Do you have any questions before we begin?"

**Study Session Simulation Protocol:**

**Scenario start**

Turn on videorecorder, confirm image view / angle and start recording.

Engage subject in simulation.

Observe subject and fill in study checklist while participant completes simulation.

After naloxone administration, turn on the audio track.

*Remember that the sound effects of the ambulance siren will get louder and louder, suggesting that police or EMS is on their way.*

**Scenario termination**

Conclude Assessment: When the subject indicates or states that s/he has completed their resuscitative interactions with the simulated patient, ask:

“Is there anything else you will be doing to care for the overdose?”

If the subject states that s/he does not, state “That is the end of the

simulation, thank you. Let’s return to the other room.”

Stop videorecorder; remove, label and securely store tape.

Label and securely store study checklist.

Complete paperwork (Self-Efficacy and Simulation Response).

**Scenario reset**

Restore simulation area to pre-scenario state:

Clear / clean manikin nose / naloxone administration site + props.

Clear / clean manikin face and mouth (if mouth-to-mouth breathing).

Dress manikin as before.

Restore manikin position.

Confirm and restore drug paraphernalia props.

Confirm and restore naloxone props.