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| **Case Title** | Stimulant Overdose |
| **Scenario Name** |  |

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| **Learning Objectives (3 or more) -** [**Use action words**](http://ubccpd.ca/sites/ubccpd.ca/files/Accreditation_Learning%20Objectives_%20Verbs.pdf) | |
| **Knowledge:**   1. Management of Agitated Overdose | |
| **Skills:**   1. Demonstrate management of Agitated Overdose | |
| **Attitude/Behaviours**   1. Demonstrate Team skills 2. Demonstrate Situational awareness 3. Demonstrate Graded Assertiveness | |
| **Scenario Environment** | |
| **Location** | ER |
| **Monitors** | Standard ER monitor |
| **Props/Equipment** | None |
| **Make-up/Moulage** | None |
| **Potential Distractors** | None |

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| **Case Introduction:** |
| 18-year-old male brought in by EMS. Was at a bush party. Drinking, smoking, ingesting party drugs. Seems intoxicated somewhat agitated, gets up, paces, somewhat confused. |

| **Patient Parameters** | **Effective Management** | **Notes** |
| --- | --- | --- |
| **Phase 1: Refuses treatment, leaves AMA**  **Condition:** Stable  **Initial Assessment per EMS**   * **Heart Rhythm:** Sinus Tachycardia * **HR:** 120 * **BP:** 160/90 * **SP02:** 978% RA |  | 1. **Focused history**  * As above   **PMHx**   * Unable to obtain   **Meds**   * Unable to obtain   **Allergies**   * Unable to obtain |
| **Phase 2: Brought back by RCMP**  **Condition:** Stable  Found walking on highway by RCMP and brought back in cuffs.  **Physical Examination**   * **Heart Rhythm:** Sinus Tachycardia * **HR:** 130 * **BP:** 165/95 * **RR:** 24 * **SPO2:** 98% on RA * **T:** 37.2 C * **CNS:** Agitated, alert, PERL 4x4, face symmetric * **Chest:** clear, no resp distress * **CVS:** slightly flushed and sweaty * **INTEG:** No visible trauma | 1. **Patient Reassessment** (see Notes column)-   *Recognizes change in condition*   1. **Medical Management** 2. Conduct primary survey 3. Conduct secondary survey 4. Order diagnostics including bloodwork, urine toxicology, ECG | 1. **Patient Reassessment**   **Airway**   * Patent   **Breathing**   * No resp distress   **Circulation**   * Tachycardic, BP elevated |

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| **Expected Patient Management** | **Debriefing Points** |
| 1. **Student** 2. **R1** 3. **Senior IM resident** |  |

**References:**

**X-RAYS – Click** [here](https://extranet.interiorhealth.ca/IHUBCFaculty/Diagnostics/Forms/AllItems.aspx?RootFolder=%25252FIHUBCFaculty%25252FDiagnostics%25252FX%25252Drays&View=%25257bFD97E2FE-FD01-433F-B9CB-D75A4195924E%25257d)

**LABS**

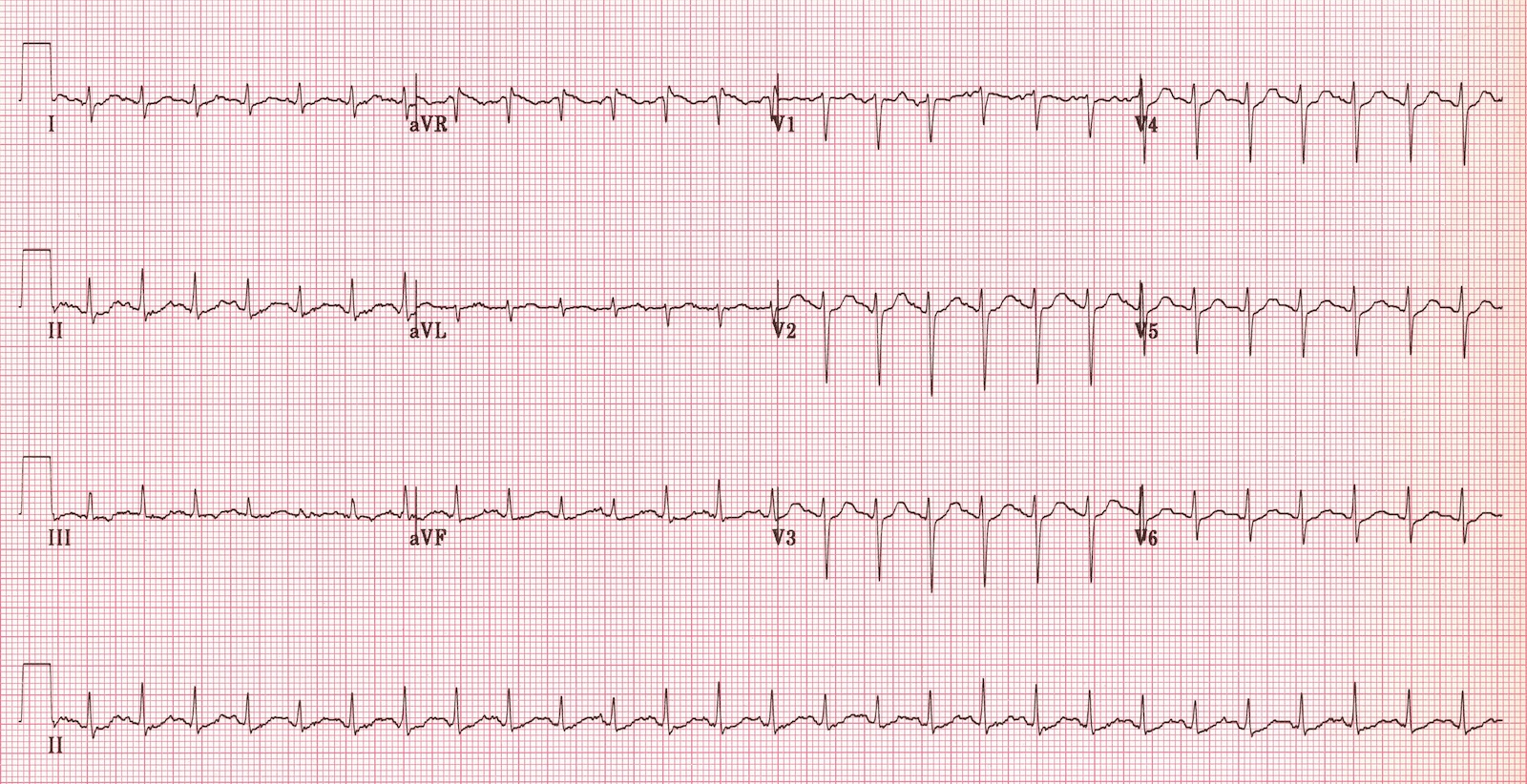
RUN DATE: Today LABORATORY \*LIVE\* Lab Summary Report

LOCATION

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name: | | | | | | Age/Sex: | | | | | | | |
| Acct#: | | | Unit#: | | | | | | Status: Admitted | | | | Location: SIM |
| Reg: | | | | | Disch: | | | | | | | Code status - | |
| COMPLETE BLOOD COUNT | | | | | | | | | | | | | |
| Date |  | | |  | | | |  | | |  | |  |
| Time |  | | |  | | | |  | | | Reference | | Units |
| WBC |  |  | |  | | | H |  | |  | (3.5-10.8) | | 10^9/L |
| Toxic changes seen |  |  | |  | | |  |  | |  | (4.3-5.7) | | 10^12/l |
| Hgb |  |  | |  | | | L |  | |  | (130-170) | | g/L |
| MCV |  |  | |  | | | L |  | |  | (0.37-0.47) | | L/L |
| Platelets |  |  | |  | | | H |  | |  | (150-400) | | 10^9/L |
| INR |  |  | |  | | | H |  | |  | 0.9-1.2 | |  |
| D-Dimer |  |  | |  | | |  |  | |  |  | |  |
| PTT |  |  | |  | | |  |  | |  |  | |  |
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| CHEMISTRY | | | | | | | | | | | | | |
| ADMISSION |  | | |  | | | |  | | |  | |  |
|  |  | | |  | | | |  | | |  | |  |
| Glucose-Random |  |  | |  | | | H |  | |  | (3.0-11.0) | | mmol/L |
| Na |  |  | |  | | | L |  | |  | (137-145) | | mmol/L |
| K |  |  | |  | | | H |  | |  | (3.5-5.0) | | mmol/L |
| Cl |  |  | |  | | |  |  | |  | (98-107) | | mmol/L |
| HCO3 |  |  | |  | | | L |  | |  | (22-26) | | mmol/L |
| Urea |  | H | |  | | | H |  | |  | (2.5-6.1) | | mmol/L |
| Creat |  |  | |  | | | H |  | |  | (62-106) | | mmol/L |
| GFR Est |  |  | |  | | | L |  | |  | (> 60) | | ml/min |
| C Reactive Protein |  |  | |  | | | H |  | |  | <10 | |  |
| Lactic Acid |  |  | |  | | | H | 2.5 | |  | <2.0 | | mmol/L |
| ARTERIAL BLOOD GAS  pH - , PC02 – , p02 – , HC03 – , O2 Sat - % | | | | | | | | | | | | | |

Meth + Cocaine + cannabis + EtoH

**EKGs**

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